

Implementation Guide | PUBLIC
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Migration Objects for SAP S/4HANA

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1 Available Migration Objects

You can use the following table to gain an overview of all migration objects available for SAP S/4HANA. It's sorted in alphabetical order by *Migration Object Name*. Choose a migration object name to navigate to the corresponding documentation for the migration object.

Use the search field in the *Migration Object Name* column to search for a specific migration object.

Choose *Filter* to apply further filters for *Master data* and/or *Transactional data* in the *Business Object Type* column, and for the application component in the *Component* column to narrow down the results list. If you want to see more or less information, choose *Show/hide columns*, and select the respective checkboxes for the columns you would like to show or hide.

> → Tip
>
> Filter the *Migration Approach* column to only see migration objects relevant for you. Therefore, choose *Filter* in the respective column, and select the required approach, *Direct Transfer* or *File/Staging Table*.

You can export the below table in CSV format with the current column visibility and filters applied. Therefore, choose the *CSV* button above the table.

Migration Object Name	Business Object Type	Migration Approach	Component
EHS - Task [page 1268]	Transactional data	File/Staging Table	EHS-SUS-EM
Object classification - Inspection characteristic (QPMK) [page 1156]	Master data	File/Staging Table	CA-CL
Object classification - Selected set (QPAM) [page 1149]	Master data	File/Staging Table	CA-CL
Object classification - Document (DRAW) [page 1122]	Master data	File/Staging Table	CA-CL
Object classification - Material (MARA) [page 1130]	Master data	File/Staging Table	CA-CL
Object classification - Code group (QPGR) [page 1153]	Master data	File/Staging Table	CA-CL
Object classification - Inspection method (QMTB) [page 1145]	Master data	File/Staging Table	CA-CL
RFM - Merchandise category reference article [page 1485]	Master data	File/Staging Table	LO-RFM-MD-MC
RFM - Merchandise category characteristic value restriction [page 1477]	Master data	File/Staging Table	LO-RFM-MD-MC

Migration Object Name	Business Object Type	Migration Approach	Component
EHS - Data classifier [page 1246]	Master data	File/Staging Table	EHS-SUS-EM
EHS - Location classifier [page 1250]	Master data	File/Staging Table	EHS-SUS-CI
EHS - Chemical/Physical property [page 1257]	Master data	File/Staging Table	EHS-SUS-FND
EHS - Compliance scenario [page 1265]	Master data	File/Staging Table	EHS-SUS-EM
Customer - extend existing record by multiple addresses [page 1177]	Master data	File/Staging Table	SD
Bank [page 1088]	Master data	File/Staging Table	FI
Class [page 1115]	Master data	File/Staging Table	CA-CL
Revenue accounting contract [page 1282]	Transactional data	File/Staging Table	FI-RA
SD - Sales order (only open SO) [page 1508]	Transactional data	File/Staging Table	SD
Supplier - extend existing record by new org levels [page 1553]	Master data	File/Staging Table	MM
MM - Purchasing info record-extend existing record [page 1458]	Master data	File/Staging Table	MM-PUR
Product - extend existing record with long text [page 1426]	Master data	File/Staging Table	LO
Product - extend existing record by new org levels [page 1418]	Master data	File/Staging Table	LO
Customer - extend existing record by new org levels [page 1187]	Master data	File/Staging Table	SD
DG - Technical names for substance [page 1212]	Master data	File/Staging Table	EHS-SUS-DG
LO - Handling unit [page 1310]	Transactional data	File/Staging Table	LO-HU-BF
Service product [page 1429]	Master data	File/Staging Table	LO
PSS - Physical-chemical property [page 1399]	Master data	File/Staging Table	EHS-SUS-FND
Object classification - Purchasing info record (EINA) [page 1126]	Master data	File/Staging Table	CA-CL
RFM - Merchandise category [page 1474]	Master data	File/Staging Table	LO-RFM-MD-MC

Migration Object Name	Business Object Type	Migration Approach	Component
RFM - Merchandise category hierarchy node [page 1479]	Master data	File/Staging Table	LO-RFM-MD-MC
RFM - Merchandise category hierarchy node assignment [page 1481]	Master data	File/Staging Table	LO-RFM-MD-MC
RFM - MCHN Characteristic value restriction [page 1483]	Master data	File/Staging Table	LO-RFM-MD-MC
JIT - Communication group [page 1380]	Master data	File/Staging Table	LE-JIT-S2P
JIT - Control cycle [page 1452]	Master data	File/Staging Table	LE-JIT-S2P
SD - Condition Record for Material determination [page 1369]	Master data	File/Staging Table	SD
Master recipe [page 1403]	Master data	File/Staging Table	PP-PI
EHS - Data collection [page 1256]	Master data	File/Staging Table	EHS-SUS-EM
EHS - Compliance requirement [page 1261]	Master data	File/Staging Table	EHS-SUS-CI
EHS - Calculation definition [page 1247]	Master data	File/Staging Table	EHS-SUS-EM
EHS - Location aggregation [page 1244]	Master data	File/Staging Table	EHS-SUS-EM
FI - SEPA mandate [page 1506]	Master data	File/Staging Table	FI
ECM - Change master [page 1104]	Master data	File/Staging Table	PLM-WUI-OBJ-ECN
PM - Measurement document [page 1235]	Master data	File/Staging Table	PM
QM - Inspection plan [page 1319]	Master data	File/Staging Table	QM
Service order (only open SRVO) [page 1513]	Transactional data	File/Staging Table	CRM-S4-SRV-SVO
JVA - Joint operating agreement [page 1331]	Master data	File/Staging Table	CA-JVA
JVA - Joint venture partner [page 1333]	Master data	File/Staging Table	CA-JVA
JVA - Cost center suspense [page 1335]	Master data	File/Staging Table	CA-JVA
JVA - Venture suspense [page 1338]	Master data	File/Staging Table	CA-JVA

Migration Object Name	Business Object Type	Migration Approach	Component
JVA - Project suspense [page 1340]	Master data	File/Staging Table	CA-JVA
JVA - Joint venture master data [page 1342]	Master data	File/Staging Table	CA-JVA
CO - Business process [page 1160]	Master data	File/Staging Table	CO-OM
FI - G/L account - extend existing record by new org levels [page 1300]	Master data	File/Staging Table	FI
FI - G/L account [page 1302]	Master data	File/Staging Table	FI
Product - extend existing rec by new org levels (deprecated) [page 1410]	Master data	File/Staging Table	LO
CO - Statistical key figure [page 1162]	Master data	File/Staging Table	CO
Product [page 1432]	Master data	File/Staging Table	LO
FI - Accounts payable open item [page 1388]	Transactional data	File/Staging Table	FI-AP
Material listing and exclusion [page 1350]	Master data	File/Staging Table	SD
DG - Assessment for unpackaged product (content-based) [page 1208]	Master data	File/Staging Table	EHS-SUS-DG
DG - Assessment for packaged product [page 1210]	Master data	File/Staging Table	EHS-SUS-DG
DG - Assessment for unpackaged product (text-based) [page 1214]	Master data	File/Staging Table	EHS-SUS-DG
FI - Accounts receivable open item [page 1393]	Transactional data	File/Staging Table	FI-AR
FI - G/L account balance and open/line item [page 1305]	Transactional data	File/Staging Table	FI
CO - Cost rate [page 1086]	Master data	File/Staging Table	CO
CO - Activity type [page 1352]	Master data	File/Staging Table	CO
FI - Bank account balance [page 1090]	Transactional data	File/Staging Table	FI
FI - Cash memo record [page 1373]	Transactional data	File/Staging Table	FIN-FSCM-CLM

Migration Object Name	Business Object Type	Migration Approach	Component
Bank (deprecated) [page 1091]	Master data	File/Staging Table	FI
Batch unique at material and client level [page 1093]	Master data	File/Staging Table	LO-BM
Batch unique at plant level [page 1096]	Master data	File/Staging Table	LO-BM
Material BOM [page 1100]	Master data	File/Staging Table	PP-BD
PM - Equipment BOM [page 1274]	Master data	File/Staging Table	PM
PM - Functional location BOM [page 1293]	Master data	File/Staging Table	PM
PSS - Product compliance info [page 1271]	Master data	File/Staging Table	EHS-SUS
VC - Material variant [page 1368]	Master data	File/Staging Table	LO-VC
PSS - Raw material compliance info [page 1259]	Master data	File/Staging Table	EHS-SUS
Class hierarchy [page 1119]	Master data	File/Staging Table	CA-CL
Characteristic [page 1107]	Master data	File/Staging Table	CA-CL
Class (deprecated) [page 1113]	Master data	File/Staging Table	CA-CL
Object classification - General template [page 1135]	Master data	File/Staging Table	CA-CL
PSS - Substance [page 1516]	Master data	File/Staging Table	EHS-SUS
Condition contract [page 1164]	Master data	File/Staging Table	LO-AB
Consent [page 1173]	Transactional data	File/Staging Table	CA-GTF-CON
CO - Cost center [page 1345]	Master data	File/Staging Table	CO
Customer - extend existing record by Credit Management data [page 1196]	Master data	File/Staging Table	SD

Migration Object Name	Business Object Type	Migration Approach	Component
Customer - extend existing record by Thailand branch code [page 1194]	Master data	File/Staging Table	SD
Customer [page 1200]	Master data	File/Staging Table	SD
Customer - extend existing record by new org levels (depr.) [page 1180]	Master data	File/Staging Table	SD
SD - Customer Material [page 1198]	Master data	File/Staging Table	SD
Document info record [page 1216]	Master data	File/Staging Table	CA-DMS
PM - Equipment [page 1278]	Master data	File/Staging Table	PM
Exchange rate [page 1281]	Master data	File/Staging Table	FI
FI - Historical balance [page 1313]	Transactional data	File/Staging Table	FI
Fixed asset (incl. balances and transactions) [page 1285]	Master data Transactional data	File/Staging Table	FI-AA
PM - Functional location [page 1295]	Master data	File/Staging Table	PM
QM/PM - Catalog code group/code [page 1471]	Master data	File/Staging Table	QM
QM - Inspection method [page 1316]	Master data	File/Staging Table	QM
EFD - Reinf report (Brazil) [page 1242]	Transactional data	File/Staging Table	FI-LOC-FI
QM - Selected set [page 1502]	Master data	File/Staging Table	QM
EHS - Location hierarchy [page 1251]	Master data	File/Staging Table	EHS-SUS-FND
JIT - Package group [page 1384]	Master data	File/Staging Table	LE-JIT
JIT - Supply control [page 1386]	Master data	File/Staging Table	LE-JIT
EHS - Location [page 1253]	Master data	File/Staging Table	EHS-SUS-FND
QM - Selected set code [page 1504]	Master data	File/Staging Table	QM

Migration Object Name	Business Object Type	Migration Approach	Component
QM - Master inspection characteristic [page 1377]	Master data	File/Staging Table	QM
CO - Internal order (restricted) [page 1323]	Transactional data	File/Staging Table	CO
Legal transaction [page 1347]	Transactional data	File/Staging Table	LCM-GF
PM - Maintenance item [page 1354]	Master data	File/Staging Table	PM
PM - Maintenance notification [page 1239]	Transactional data	File/Staging Table	PM
PM - Maintenance plan [page 1356]	Master data	File/Staging Table	PM
PM - Equipment task list [page 1276]	Master data	File/Staging Table	PM
PM - Functional location task list [page 1291]	Master data	File/Staging Table	PM
PM - General maintenance task list [page 1298]	Master data	File/Staging Table	PM
JIT - Customer [page 1382]	Master data	File/Staging Table	LE-JIT
Material inventory balance [page 1325]	Transactional data	File/Staging Table	MM-IM
PM - Measuring point [page 1237]	Master data	File/Staging Table	PM
Condition record for pricing (general template) [page 1167]	Master data	File/Staging Table	SD
Condition record for pricing in purchasing (restricted) [page 1374]	Master data	File/Staging Table	MM-PUR
Condition record for pricing in sales (restricted) [page 1495]	Master data	File/Staging Table	SD
Material - Forecast planning [page 1361]	Master data	File/Staging Table	MM

Migration Object Name	Business Object Type	Migration Approach	Component
Material inspection setup (deprecated) [page 1321]	Master data	File/Staging Table	QM
Material - extend existing rec. with long text (deprecated) [page 1365]	Master data	File/Staging Table	MM
Product classification - Commodity code [page 1359]	Master data	File/Staging Table	SLL-ITR-CLS
PM - Maintenance order [page 1219]	Transactional data	File/Staging Table	PM
Product classification - Legal control [page 1363]	Master data	File/Staging Table	SLL-ITR-CLS
Product consumption [page 1408]	Transactional data	File/Staging Table	MM
Production version [page 1450]	Master data	File/Staging Table	PP
CO - Profit center [page 1406]	Master data	File/Staging Table	CO
PS - Network [page 1455]	Transactional data	File/Staging Table	PS
PS - Project [page 1456]	Transactional data	File/Staging Table	PS
PS - WBS element [page 1573]	Transactional data	File/Staging Table	PS
MM - Purchase contract [page 1174]	Transactional data	File/Staging Table	MM-PUR
MM - Purchase order (only open PO) [page 1468]	Transactional data	File/Staging Table	MM-PUR
MM - Purchase scheduling agreement [page 1493]	Transactional data	File/Staging Table	MM-PUR
MM - Purchasing info record-extend exist rec (deprecated) [page 1461]	Master data	File/Staging Table	MM-PUR
MM - Purchasing info record with conditions [page 1465]	Master data	File/Staging Table	MM-PUR
SD - Sales scheduling agreement [page 1500]	Transactional data	File/Staging Table	SD-SLS
Routing [page 1487]	Master data	File/Staging Table	PP

Migration Object Name	Business Object Type	Migration Approach	Component
SD - Sales contract [page 1498]	Transactional data	File/Staging Table	SD
SD - Material determination (deprecated) [page 1371]	Master data	File/Staging Table	SD
SD - Sales order (only open SO) - deprecated [page 1491]	Transactional data	File/Staging Table	SD
Software/Hardware constraint [page 1518]	Master data	File/Staging Table	PLM-ESD-ESC
MM - Source list [page 1511]	Master data	File/Staging Table	MM-PUR
Supplier - extend existing record by Thailand branch code [page 1562]	Master data	File/Staging Table	MM
Supplier [page 1564]	Master data	File/Staging Table	MM
Supplier - extend exist rec by new org levels (deprecated) [page 1545]	Master data	File/Staging Table	MM
VC - Configuration profile [page 1170]	Master data	File/Staging Table	LO-VC
Work center/Resource [page 1575]	Master data	File/Staging Table	PP
TRM - Commercial paper [page 1520]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Deposit at notice (deprecated) [page 1523]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - FX option [page 1526]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Foreign exchange swap - contract [page 1531]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Foreign exchange collar - contract [page 1529]	Transactional data	File/Staging Table	FIN-FSCM-TRM
TRM - Foreign exchange spot/forward transaction - contract [page 1534]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Interest rate instrument [page 1538]	Transactional data	File/Staging Table	FIN-FSCM-TRM
TRM - Position value [page 1542]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM

Migration Object Name	Business Object Type	Migration Approach	Component
VC - Characteristics group [page 1110]	Master data	File/Staging Table	LO-VC
PRA - Allocation cross reference [page 1044]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Chemical analysis data [page 1046]	Master data	File/Staging Table	IS-OIL-PRA
PRA - MP-WC to contract cross reference [page 1047]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Remitter to DOI cross reference [page 1049]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Check input process rule [page 1051]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Check input translation [page 1052]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Account entry control [page 1053]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Journal entry open balance [page 1055]	Transactional data	File/Staging Table	IS-OIL-PRA
PRA - Extend existing customer by PRA data [page 1057]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Division order interest [page 1058]	Master data	File/Staging Table	IS-OIL-PRA
PRA - DOI accounting [page 1060]	Master data	File/Staging Table	IS-OIL-PRA
PRA - DOI MP WC cross reference [page 1062]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Joint venture [page 1064]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Unit venture tract [page 1065]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Extend existing supplier by PRA data [page 1067]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Well and well completion [page 1068]	Master data	File/Staging Table	IS-OIL-PRA
PRA - MP/WC transporter cross reference [page 1070]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Well completion volume [page 1072]	Transactional data	File/Staging Table	IS-OIL-PRA
PRA - Contract [page 1073]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Valuation formula [page 1075]	Master data	File/Staging Table	IS-OIL-PRA

Migration Object Name	Business Object Type	Migration Approach	Component
PRA - Settlement diversity [page 1077]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Settlement statement DOI cross reference [page 1078]	Master data	File/Staging Table	IS-OIL-PRA
PRA - State tax rate [page 1080]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Tax calculation data [page 1081]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Valuation cross reference [page 1083]	Master data	File/Staging Table	IS-OIL-PRA
PRA - Well completion tax classification [page 1084]	Master data	File/Staging Table	IS-OIL-PRA
FI - SEPA Mandate [page 241]	Master data	Direct Transfer - ERP	FI-AR
RE-FX - Architectural object [page 515]	Master data	Direct Transfer - ERP	RE-FX-BD
Batch unique at material and client level [page 112]	Master data	Direct Transfer - ERP	LO-BM
Batch unique at plant level [page 109]	Master data	Direct Transfer - ERP	LO-BM
FI - Accounts payable open item (classic G/L) [page 215]	Transactional data	Direct Transfer - ERP	FI
FI - Accounts payable open item (new G/L) [page 219]	Transactional data	Direct Transfer - ERP	FI
RE-FX - Building [page 519]	Master data	Direct Transfer - ERP	RE-FX-BD
RE-FX - Business entity [page 523]	Master data	Direct Transfer - ERP	RE-FX
Business partner [page 118]	Master data	Direct Transfer - ERP	AP-MD-BP
Catalog code group and code [page 122]	Master data	Direct Transfer - ERP	QM
Characteristic [page 125]	Master data	Direct Transfer - ERP	CA-CL
Class [page 129]	Master data	Direct Transfer - ERP	CA-CL
Condition contract [page 133]	Master data	Direct Transfer - ERP	LO-AB
Customer [page 137]	Master data	Direct Transfer - ERP	SD
SD - Customer material [page 543]	Master data	Direct Transfer - ERP	SD

Migration Object Name	Business Object Type	Migration Approach	Component
SD - Customer quotation [page 539]	Transactional data	Direct Transfer - ERP	SD
ECM - Change master [page 190]	Master data	Direct Transfer - ERP	PLM-PLC
PM - Equipment [page 379]	Master data	Direct Transfer - ERP	PM
PM - Equipment BOM [page 401]	Master data	Direct Transfer - ERP	PM
PM - Equipment task list [page 383]	Master data	Direct Transfer - ERP	PM
Fixed asset (including balance) [page 245]	Transactional data	Direct Transfer - ERP	FI-AA
CO - Activity type group [page 148]	Master data	Direct Transfer - ERP	CO
CO - Activity type [page 144]	Master data	Direct Transfer - ERP	CO
CO - Cost rate [page 168]	Master data	Direct Transfer - ERP	CO-OM
CO - Business process [page 152]	Master data	Direct Transfer - ERP	CO-OM-ABC
CO - Business process group [page 155]	Master data	Direct Transfer - ERP	CO-OM-ABC
CO - Cost center [page 158]	Master data	Direct Transfer - ERP	CO
CO - Cost center group [page 162]	Master data	Direct Transfer - ERP	CO
CO - Cost element group [page 165]	Master data	Direct Transfer - ERP	CO
CO - Internal order [page 172]	Transactional data	Direct Transfer - ERP	CO
CO - Profit center [page 176]	Master data	Direct Transfer - ERP	CO
CO - Profit center group [page 180]	Master data	Direct Transfer - ERP	CO
CO - Secondary cost element [page 183]	Master data	Direct Transfer - ERP	CO
CO - Statistical key figure (ERP) [page 187]	Master data	Direct Transfer - ERP	CO
FI - G/L account balance (classic G/L) [page 201]	Transactional data	Direct Transfer - ERP	FI
FI - G/L account balance (new G/L) [page 204]	Transactional data	Direct Transfer - ERP	FI
FI - Bank account [page 230]	Master data	Direct Transfer - ERP	FI

Migration Object Name	Business Object Type	Migration Approach	Component
Bank [page 115]	Master data	Direct Transfer - ERP	FI
FI - Accounts receivable open item (classic GL) [page 222]	Transactional data	Direct Transfer - ERP	FI
FI - Accounts receivable open item (new G/L) [page 226]	Transactional data	Direct Transfer - ERP	FI
Exchange rate [page 194]	Master data	Direct Transfer - ERP	FI
FI - G/L account [page 197]	Master data	Direct Transfer - ERP	FI
FI - House bank [page 234]	Master data	Direct Transfer - ERP	FI
FI - G/L open item (classic G/L) [page 208]	Transactional data	Direct Transfer - ERP	FI
FI - Ledger group-specific open item [page 237]	Transactional data	Direct Transfer - ERP	FI
FI - G/L open item (new G/L) [page 211]	Transactional data	Direct Transfer - ERP	FI
TRM - Additional flow [page 555]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Bank guarantee [page 559]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Business partner role [page 563]	Master data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Commercial paper [page 567]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Condition detail [page 250]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Facility [page 254]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Fixed term deposit [page 259]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Foreign exchange collar contract [page 269]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - FX option [page 264]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Foreign exchange spot/forward contract [page 572]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Foreign exchange swap contract [page 275]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Interest rate instrument [page 577]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM

Migration Object Name	Business Object Type	Migration Approach	Component
TRM - Investment certificate [page 280]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Letter of credit [page 285]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Main flow detail [page 290]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Interest rate swap [page 293]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Payment detail [page 299]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Security bond [page 582]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Security class [page 587]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Stock [page 591]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
PM - Functional location [page 388]	Master data	Direct Transfer - ERP	PM
PM - Functional location BOM [page 393]	Master data	Direct Transfer - ERP	PM
PM - Functional location task list [page 396]	Master data	Direct Transfer - ERP	PM
Object classification (general template) [page 374]	Master data	Direct Transfer - ERP	CA
PM - General maintenance task list [page 405]	Master data	Direct Transfer - ERP	PM
QM - Selected set code [page 507]	Master data	Direct Transfer - ERP	QM
QM - Selected set [page 504]	Master data	Direct Transfer - ERP	QM
QM - Inspection method [page 489]	Master data	Direct Transfer - ERP	QM
QM - Inspection plan [page 493]	Master data	Direct Transfer - ERP	QM
JVA - Joint venture master (step 1) [page 69]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Cost center suspense [page 302]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Joint operating agreement (step 1) [page 310]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Joint venture partner [page 313]	Master data	Direct Transfer - ERP	CA-JVA

Migration Object Name	Business Object Type	Migration Approach	Component
JVA - Order suspense [page 306]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Project suspense [page 316]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Venture suspense [page 320]	Master data	Direct Transfer - ERP	CA-JVA
RE-FX - Land [page 527]	Master data	Direct Transfer - ERP	RE-FX-BD
PM - Maintenance item [page 431]	Master data	Direct Transfer - ERP	PM
PM - Maintenance notification [page 423]	Transactional data	Direct Transfer - ERP	PM
PM - Maintenance order [page 418]	Transactional data	Direct Transfer - ERP	PM
PM - Maintenance plan [page 427]	Master data	Direct Transfer - ERP	PM
QM - Master inspection characteristic [page 497]	Master data	Direct Transfer - ERP	QM
Product [page 477]	Master data	Direct Transfer - ERP	LO
PP - Material BOM [page 454]	Master data	Direct Transfer - ERP	PP-BD
MM - Material commodity [page 332]	Master data	Direct Transfer - ERP	LO-MD-MM
MM - Material consumption [page 336]	Master data	Direct Transfer - ERP	MM
MM - Material inventory balance [page 324]	Transactional data	Direct Transfer - ERP	MM-IM
PP - Material MRP assignment [page 435]	Master data	Direct Transfer - ERP	PP-MRP
PM - Measurement document [page 414]	Master data	Direct Transfer - ERP	PM-EQM-SF-MPC
PM - Measuring point [page 410]	Master data	Direct Transfer - ERP	PM
PP - Production resource/tool [page 446]	Master data	Direct Transfer - ERP	PP
PP - Planned independent requirement [page 458]	Transactional data	Direct Transfer - ERP	PP-MRP
Pricing condition (purchasing and sales) [page 473]	Master data	Direct Transfer - ERP	SD MM-PUR
PP - Production order [page 442]	Transactional data	Direct Transfer - ERP	PP

Migration Object Name	Business Object Type	Migration Approach	Component
PP - Production version [page 462]	Master data	Direct Transfer - ERP	PP
PS - Project [page 485]	Transactional data	Direct Transfer - ERP	PS
PS - Network [page 481]	Transactional data	Direct Transfer - ERP	PS
MM - Purchase order [page 362]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Purchase requisition (only open PR) [page 367]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Purchase contract [page 339]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Purchasing info record [page 344]	Master data	Direct Transfer - ERP	MM-PUR
QM - Quality info record [page 500]	Master data	Direct Transfer - ERP	QM
MM - Quota arrangement [page 371]	Transactional data	Direct Transfer - ERP	MM-PUR
RE-FX - Real estate contract [page 510]	Transactional data	Direct Transfer - ERP	RE-FX
RE-FX - Rental object [page 532]	Master data	Direct Transfer - ERP	RE-FX
PP - Routing [page 450]	Master data	Direct Transfer - ERP	PP
SD - Sales contract [page 546]	Transactional data	Direct Transfer - ERP	SD
SD - Sales inquiry [page 536]	Transactional data	Direct Transfer - ERP	SD
SD - Sales order (only open SO) [page 551]	Transactional data	Direct Transfer - ERP	SD
PP - Sales order BOM [page 465]	Master data	Direct Transfer - ERP	PP-BD
MM - Purchase scheduling agreement [page 347]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Service entry sheet [page 352]	Transactional data	Direct Transfer - ERP	MM
MM - Service master [page 355]	Master data	Direct Transfer - ERP	MM-SRV
MM - Source list [page 359]	Master data	Direct Transfer - ERP	MM-PUR
VC - Configuration profile [page 596]	Master data	Direct Transfer - ERP	LO-VC
MM - Material variant [page 329]	Master data	Direct Transfer - ERP	LO-VC

Migration Object Name	Business Object Type	Migration Approach	Component
VC - Object dependency and dependency net [page 600]	Master data	Direct Transfer - ERP	LO-VC
Supplier [page 603]	Master data	Direct Transfer - ERP	MM
PP - Work breakdown structure BOM [page 469]	Master data	Direct Transfer - ERP	PP
PP - Work center [page 438]	Master data	Direct Transfer - ERP	PM
JVA - Joint operating agreement (step 2) [page 65]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Joint venture master (step 2) [page 73]	Master data	Direct Transfer - ERP	CA-JVA
TRM - Cap/Floor [page 83]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Deposit at notice [page 89]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
Document info record (DMS) [page 47]	Master data	Direct Transfer - ERP	CA-DMS
VC - Variant table structure [page 106]	Master data	Direct Transfer - ERP	LO-VC
VC - Variant table entry [page 102]	Transactional data	Direct Transfer - ERP	LO-VC
JIT - Customer [page 62]	Master data	Direct Transfer - ERP	LE-JIT
EHS - Location [page 52]	Master data	Direct Transfer - ERP	EHS-SUS-FND
EHS - Location hierarchy [page 56]	Master data	Direct Transfer - ERP	EHS-SUS-FND
VC - Assign global dependency to characteristic [page 96]	Master data	Direct Transfer - ERP	CA-CL
Product classification (legal control) [page 76]	Master data	Direct Transfer - ERP	SLL-ITR-CLS
RE-FX - Business partner role [page 79]	Master data	Direct Transfer - ERP	AP-MD-BP
VC - Interface design (characteristic group) [page 99]	Master data	Direct Transfer - ERP	LO-VC
VC - Assign global dependency to class [page 59]	Master data	Direct Transfer - ERP	CA-CL
PP - Master Recipe [page 36]	Master data	Direct Transfer - ERP	PP-PI-MD-MRC
FSCM - Credit management role [page 43]	Master data	Direct Transfer - ERP	FIN-FSCM-C

Migration Object Name	Business Object Type	Migration Approach	Component
PP - Work center hierarchy [page 40]	Master data	Direct Transfer - ERP	PP-BD-WKC
Class hierarchy [page 28]	Master data	Direct Transfer - ERP	LO-MD-MM
SD - Material listing and exclusion [page 32]	Master data	Direct Transfer - ERP	SD-MD-MM-LIS
LO - Handling unit [page 25]	Master data	Direct Transfer - ERP	LO-HU
AFS - Article [page 649]	Master data	Direct Transfer - AFS	IS-AFS-MM LO-FSH
Batch unique at plant level [page 702]	Master data	Direct Transfer - AFS	LO-BM
AFS - Dimensional characteristic [page 666]	Master data	Direct Transfer - AFS	CA-CL
AFS - Non-dimensional characteristic [page 674]	Master data	Direct Transfer - AFS	CA-CL
AFS - Configuration class for material grid [page 658]	Master data	Direct Transfer - AFS	IS-AFS-BD
Customer [page 751]	Master data	Direct Transfer - AFS	SD
AFS - Distribution curve [page 654]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Distribution curve condition [page 662]	Master data	Direct Transfer - AFS	IS-AFS-BD
ECM - Change master [page 758]	Master data	Direct Transfer - AFS	PLM-PLC
PM - Equipment [page 846]	Master data	Direct Transfer - AFS	PM
Fixed asset (including balance) [page 765]	Transactional data	Direct Transfer - AFS	FI-AA
CO - Activity type group [page 709]	Master data	Direct Transfer - AFS	CO
CO - Activity type [page 705]	Master data	Direct Transfer - AFS	CO
CO - Cost rate [page 712]	Master data	Direct Transfer - AFS	CO-OM
CO - Business process [page 716]	Master data	Direct Transfer - AFS	CO-OM-ABC
CO - Business process group [page 719]	Master data	Direct Transfer - AFS	CO-OM-ABC
CO - Cost center [page 722]	Master data	Direct Transfer - AFS	CO
CO - Cost center group [page 726]	Master data	Direct Transfer - AFS	CO

Migration Object Name	Business Object Type	Migration Approach	Component
CO - Cost element group [page 729]	Master data	Direct Transfer - AFS	CO
CO - Internal order [page 733]	Transactional data	Direct Transfer - AFS	CO
CO - Profit center [page 736]	Master data	Direct Transfer - AFS	CO
CO - Profit center group [page 740]	Master data	Direct Transfer - AFS	CO
CO - Secondary cost element [page 744]	Master data	Direct Transfer - AFS	CO
CO - Statistical key figure [page 747]	Master data	Direct Transfer - AFS	CO
FI - G/L account balance (classic G/L) [page 794]	Transactional data	Direct Transfer - AFS	FI
FI - G/L account balance (new G/L) [page 797]	Transactional data	Direct Transfer - AFS	FI
FI - Bank account [page 786]	Master data	Direct Transfer - AFS	FI
Bank [page 699]	Master data	Direct Transfer - AFS	FI
FI - Accounts receivable open item (classic GL) [page 771]	Transactional data	Direct Transfer - AFS	FI
FI - Accounts receivable open item (new G/L) [page 775]	Transactional data	Direct Transfer - AFS	FI
Exchange rate [page 762]	Master data	Direct Transfer - AFS	FI
FI - G/L account [page 790]	Master data	Direct Transfer - AFS	FI
FI - House bank [page 808]	Master data	Direct Transfer - AFS	FI
FI - G/L open item (classic G/L) [page 801]	Transactional data	Direct Transfer - AFS	FI
FI - Ledger group specific open item [page 811]	Transactional data	Direct Transfer - AFS	FI
FI - G/L open item (new G/L) [page 804]	Transactional data	Direct Transfer - AFS	FI
FI - Accounts payable open item (classic G/L) [page 779]	Transactional data	Direct Transfer - AFS	FI
FI - Accounts payable open item (new G/L) [page 782]	Transactional data	Direct Transfer - AFS	FI
Object classification (general template) [page 815]	Master data	Direct Transfer - AFS	CA
PP - Material BOM [page 850]	Master data	Direct Transfer - AFS	PP-BD

Migration Object Name	Business Object Type	Migration Approach	Component
MM - Material inventory balance [page 819]	Transactional data	Direct Transfer - AFS	MM-IM
AFS - Planned independent requirement at material level [page 682]	Transactional data	Direct Transfer - AFS	PP-MRP
AFS - Planned independent requirement at SKU level [page 670]	Transactional data	Direct Transfer - AFS	PP-MRP
PP - Planned independent requirement [page 860]	Transactional data	Direct Transfer - AFS	PP-MRP
Pricing condition (purchasing and sales) [page 879]	Master data	Direct Transfer - AFS	SD MM-PUR
PP - Production order [page 866]	Transactional data	Direct Transfer - AFS	PP
PP - Production version [page 863]	Master data	Direct Transfer - AFS	PP
MM - Purchase order [page 828]	Transactional data	Direct Transfer - AFS	MM-PUR
MM - Purchase contract [page 823]	Transactional data	Direct Transfer - AFS	MM-PUR
MM - Purchasing info record [page 834]	Master data	Direct Transfer - AFS	MM-PUR
AFS - Quantity distribution profile [page 679]	Master data	Direct Transfer - AFS	IS-AFS-PP-MAN
PP - Routing [page 855]	Master data	Direct Transfer - AFS	PP
SD - Sales contract [page 883]	Transactional data	Direct Transfer - AFS	SD
SD - Sales order [page 888]	Transactional data	Direct Transfer - AFS	SD
PP - Sales order BOM [page 871]	Master data	Direct Transfer - AFS	PP-BD
MM - Purchase scheduling agreement [page 838]	Transactional data	Direct Transfer - AFS	MM-PUR
AFS - Season [page 685]	Master data	Direct Transfer - AFS	IS-AFS-SD
AFS - Segmentation default value [page 689]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Segmentation strategy [page 692]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Segmentation structure [page 695]	Master data	Direct Transfer - AFS	IS-AFS-BD
MM - Source list [page 842]	Master data	Direct Transfer - AFS	MM-PUR

Migration Object Name	Business Object Type	Migration Approach	Component
Supplier [page 893]	Master data	Direct Transfer - AFS	MM
PP - Work center [page 875]	Master data	Direct Transfer - AFS	PM
Document info record (DMS) [page 629]	Master data	Direct Transfer - AFS	CA-DMS
Class [page 625]	Master data	Direct Transfer - AFS	CA-CL
FI - SEPA Mandate [page 635]	Master data	Direct Transfer - AFS	FI-AR
VC - Assign global dependency to characteristic [page 643]	Master data	Direct Transfer - AFS	CA-CL
VC - Assign global dependency to class [page 646]	Master data	Direct Transfer - AFS	CA-CL
VC - Object dependency and dependency net [page 639]	Master data	Direct Transfer - AFS	LO-VC
AFS - Purchase grid condition record [page 615]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Sales grid condition record [page 618]	Master data	Direct Transfer - AFS	IS-AFS-SD
AFS - Value-added service [page 622]	Master data	Direct Transfer - AFS	IS-AFS-SD
Class hierarchy [page 611]	Master data	Direct Transfer - AFS	LO-MD-MM
Warehouse fixed bin assignments [page 902]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse storage bin [page 906]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse storage bin sorting [page 913]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse product [page 909]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse stock [page 916]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse application log settings [page 920]	Master data	Direct Transfer - EWM	SCM-EWM
Physical inventory settings [page 924]	Master data	Direct Transfer - EWM	SCM-EWM
Shipping and receiving settings [page 927]	Master data	Direct Transfer - EWM	SCM-EWM
Production supply area [page 931]	Master data	Direct Transfer - EWM	SCM-EWM

Migration Object Name	Business Object Type	Migration Approach	Component
Resource and user maintenance [page 934]	Master data	Direct Transfer - EWM	SCM-EWM
Resource group and queue settings [page 938]	Master data	Direct Transfer - EWM	SCM-EWM
Resource execution settings [page 941]	Master data	Direct Transfer - EWM	SCM-EWM
Work center determinations [page 944]	Master data	Direct Transfer - EWM	SCM-EWM
Work center dependent settings [page 947]	Master data	Direct Transfer - EWM	SCM-EWM
Material flow system [page 951]	Master data	Direct Transfer - EWM	SCM-EWM
Route [page 955]	Master data	Direct Transfer - EWM	SCM-EWM
Carrier profile [page 958]	Master data	Direct Transfer - EWM	SCM-EWM
Zone [page 961]	Master data	Direct Transfer - EWM	SCM-EWM
Zones hierarchy [page 964]	Master data	Direct Transfer - EWM	SCM-EWM
Condition records (warehouse dependent) [page 971]	Master data	Direct Transfer - EWM	SCM-EWM
Condition records (warehouse independent) [page 967]	Master data	Direct Transfer - EWM	SCM-EWM
Miscellaneous EWM master data settings [page 978]	Master data	Direct Transfer - EWM	SCM-EWM
RFID settings [page 982]	Master data	Direct Transfer - EWM	SCM-EWM
Sample-drawing procedure [page 975]	Master data	Direct Transfer - EWM	SCM-EWM
Wave templates [page 985]	Master data	Direct Transfer - EWM	SCM-EWM
Quality inspection rules [page 988]	Master data	Direct Transfer - EWM	SCM-EWM
Quality inspection rules (cross-warehouse) [page 992]	Master data	Direct Transfer - EWM	SCM-EWM
CRM - Activities [page 898]	Transactional data	Direct Transfer - CRM	CRM-BTX-ACT
eSPP - Location [page 1029]	Master data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Product [page 1031]	Master data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - MRP Area [page 1033]	Master data	Direct Transfer - eSPP	SCM-BAS-MD

Migration Object Name	Business Object Type	Migration Approach	Component
eSPP - Location Product [page 1036]	Master data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Transportation Lane [page 1038]	Master data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Bill of Distribution (BoD) [page 1040]	Master data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Product BoD Assignment [page 1042]	Master data	Direct Transfer - eSPP	SCM-BAS-MD

⚠ Caution

Data protection legislation may require that personal data is deleted once the data has served its originally defined purpose and is also no longer subject to additional legal data retention requirements. If data protection legislation is applicable in your case, then migrating personal data, which should have been deleted could be interpreted as the processing of personal data without any legally justified purpose.

i Note

For some migration objects, there are additions to the migration object name. These additions include "restricted" and "deprecated". Restricted means that not all fields and structures of the relevant business processes are covered by this migration object, deprecated means that there's a newer version of this migration object available. Deprecated objects will be deleted after a couple of releases. Make sure you always read the migration object documentation for these objects carefully. Also see SAP Note 2698032 for more details on deprecated migration objects.

i Note

Migration objects are built for initial migration of your data to your SAP S/4HANA or SAP S/4HANA Cloud system. This means that you can create data with a migration object, but you can't change or update existing data with it.

i Note

The predelivered data migration objects are built for SAP S/4HANA Cloud and the respective SAP Best Practices Content. You can use these objects also for SAP S/4HANA and the respective SAP Best Practices Content. Using SAP S/4HANA, the delivered standard migration objects are templates that can be enhanced according to your needs. The enhancement is only limited by the functionality of the tool and the capabilities of the underlying API to load the data. Starting with SAP S/4HANA 1610 FPS2, you can enhance customer projects based on these delivered standard migration objects or you can create your own objects using the SAP S/4HANA migration object modeler (transaction LTMOM). For further information, please see SAP Note 2481235.

Further Information

- Use these SAP Help Portal aliases to access the following sections of our product assistance:

Type this in your browser...	To jump to...
http://help.sap.com/S4_OP_MO	this very topic: Available Migration Objects
http://help.sap.com/S4_OP_DM	the landing page for data migration

- If you want to view information about the differences between the current release and the previous release, see SAP S/4HANA – Release Comparison of Migration Object Templates (for the *File/Staging Table* migration approach only, and for customers and partners only).
- If you're using the Fixed asset (incl. balances and transactions) [page 1285] migration object, we provide background information on asset classes and available fields per asset class here (for customers and partners only).
- For information regarding mapping of unit of measures, see SAP Knowledge Base Article 2907822.

1.1 LO - Handling unit

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate handling unit data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Handling Unit**

Business Object Component/Area	User Menu Path: *Logistics* > *Logistics Execution* > *Master Data* > *Output* > *Handling Unit* Component: LO-HU
Business Object Type	Master data
Business Object Definition	A handling unit is a physical unit consisting of packaging materials (load carriers/packing material) and the goods contained on/in it. A handling unit is always a combination of products and packaging materials.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

Handling unit data

Out of Scope

- System status data
- User status data
- Auxiliary material data
- Serial numbers for handling unit items

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the **target system**:

- Materials in the target system match the materials in the source system
- The units of measure for the materials in the target system match the units of measure in the source system

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`C_LO_HU` (Handling Units - Authorizations per Plant)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_LO_HU` (Handling Units - Authorizations per Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_LO_HANDLING_UNIT`

Virtual Tables

- `AS_VEKP_HEADER`: To store the filtered data of the `VEKP` table
- `AS_VEPO_ITEM`: To store the filtered data of the `VEPO` table

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Handling Unit	All instances of this migration object are relevant to the transfer option.	Create Handling Unit	Creates the handling unit in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• External Handling Unit Identification	Not relevant	`LO_HU_HANDLING_UNIT_MIGRATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.

4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	HU02
Display	HU03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.2 Class hierarchy

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate class hierarchy data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Class Hierarchy**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Classification System* > *Master Data* > *CLHP - Graphical Hierarchy Maintenance* Component: CA-CL
Business Object Type	Master data
Business Object Definition	The classes used to define a multi-level search path. The initial class has subordinate classes assigned to it, and you can restrict the search systematically by choosing the appropriate subordinate class.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects class hierarchies from the `KSSK` table if the following condition is met:

The value of the *Indicator: Object/Class* (`MAFID`) field is **K**.

In Scope

The following data is set for migration to SAP S/4HANA:

Class hierarchy data

Out of Scope

Object classification data

Prerequisites

Source System

Before you can start the migration process, for example, ensure the following Customizing in the source system:

Class type is active for the relevant class hierarchy

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Class type is active for the relevant class hierarchy

You have migrated or defined settings in the following migration objects:

- Characteristic
- Class

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`C_KLAH_BKL` (Authorization for Classification)

`C_KLAH_BKP` (Authorization for Class Maintenance)

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_KLAH_BKL` (Authorization for Classification)

`C_KLAH_BKP` (Authorization for Class Maintenance)

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_CLASS_HIERARCHY`

Virtual Tables

`CLASS_HIER`: To read the subordinate class information for a superior class

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Class Hierarchy	All instances of this migration object are relevant to the transfer option.	Create Class Hierarchy	Creates the class hierarchy in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Class Number • Class Type	Display Class Hierarchy (app ID CL6C)	`DMC_MIG_CLASS_HIERA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CLHP
Display	CL6C

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.3 SD - Material listing and exclusion

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material listing and exclusion data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Material Listing and Exclusion**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Master Data* > *Products* > *Listing/Exclusion* Component: SD-MD-MM-LIS
Business Object Type	Master data
Business Object Definition	Condition record for material (that is, product) listing or exclusion, which controls what material a customer can or cannot buy. Each condition record stores a condition that applies during listing and exclusion determination in sales documents.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Listing data
- Exclusion data

The following condition keys (selection fields) are available when defining listing or exclusion data.

Key Field	*Description*
CHARG	Batch
CITYC	City Code
WKCTY	City of Deliv. Plant
BUKRS	Company Code
ALAND	Country
COUNC	County Code
WKCOU	County of Dlv.Plant
KUNNR	Customer
KDGRP	Customer Group
LAND1	Dest. Country/Region
VTWEG	Distribution Channel
SPART	Division
EAN11	EAN/UPC
SPDNR	Forwarding Agent
INCO1	Incoterms
INCO2	Incoterms (Part 2)
MATNR	Material
MATWA	Material Entered
MATKL	Material Group
KONDM	Material Price Grp
MTART	Material Type
WAGRP	Material group
VKAUS	Model
KNRZE	Payer
WERKS	Plant
PMATN	Pricing Ref. Matl
PRODH	Product Hierarchy
INFNR	Purchasing info rec.
REGIO	Region

WKREG	Region of Dlv. Plant
VKGRU	Repair: Classification of Items
VBTYP	SD Document Category
AUART	Sales Document Type
VKORG	Sales Organization
VRTNR	Sales employee
KUNWE	Ship-To Party
KUNAG	Sold-To Party
MEINA	Unit of measure

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Customer
- Product

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`V_KOND_VEA` (Maintain Condition: Authorization for Usage of the Condition Table/Application/Condition Type/Condition Table)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`V_KOND_VEA` (Maintain Condition: Authorization for Usage of the Condition Table/Application/Condition Type/Condition Table)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_SD_MATERIAL_LISTING_EXCLUSION`

Virtual Tables

- `AS_CTAB_HDR`: To handle general information and validity for condition tables
- `AS_CTAB_KEYS`: To handle key fields for condition tables

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Listing/ Exclusion	All instances of this migration object are relevant to the transfer option.	Create Listing/Exclusion	Creates a listing or an exclusion in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`API_LSTG_EXCLSN_MIGRTN_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VB02
Display	VB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.4 PP - Master Recipe

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate recipe data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Master Recipe**

Business Object Component/Area	User Menu Path: *Logistics* > *Production - Process* > *Master Data* > *Master Recipes* > *Recipe and Material List* > *Create* Component: PP-PI-MD-MRC
Business Object Type	Master data

Business Object Definition	A description of an enterprise-specific process in the process industry that does not relate to a specific order. The master recipe is used for producing materials or supplying services.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Recipe header data
- Task list types (PLKZ-PLNTY) with the value "2"
- Material assignments
- Operations
- Suboperations
- Secondary resources
- Relationships
- Change number data

> **i** Note
>
> Material Assignments, Operations, Phases, Secondary Resources, and Relationships that you set for deletion with respect to change numbers are not supported.

Out of Scope

- Material components
- Object dependencies
- Header long texts
- Item long texts
- Classification
- Quality Management
- Process instructions

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Product
- PP - Material BOM
- PP - Production version
- PP - Routing
- PP - Work center

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_ROUT` (Authorizations for Routings)

Note that the information given here is not. exhaustive.

Technical Information

Name of this migration object: `S4_PP_MASTER_RECIPE`

Virtual Tables

- `AS_PLPO`: To handle operations or activities of task lists
- `AS_TEXT_HDR`: To handle long texts

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Master Recipe	All instances of this migration object are relevant to the transfer option.	Create Master Recipe	Creates the master recipe in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Key for Task List Group • Group Counter	Display Master Recipe (app ID C203)	`CNV_PE_S4_MASTER_RECIPE_CREATE`
		Change Master Recipe	Changes the master recipe in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_MASTER_RECIPE_CHANGE

APIs/BAPIs Used in Migration-Specific Function Modules

Migration-specific function modules are used in this migration object. These function modules use standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_MASTER_RECIPE_CREATE`

APIs/BAPIs

`CL_PPH_MASTER_RECIPE`

Function Module: `CNV_PE_S4_MASTER_RECIPE_CHANGE`

APIs/BAPIs

`CL_PPH_MASTER_RECIPE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.

4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some builtin validation capabilities that you can use as checks.

Activity	*Transaction Code*
Change	C202
Display	C203

Available Migration Objects [page 2] in SAP S/4HANA.

1.5 PP - Work center hierarchy

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate work center hierarchy data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Work Center Hierarchy**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master Data* > *Work Centers* > *Hierarchy* Component: PP-BD-WKC
Business Object Type	Master data

Business Object Definition	The representation of a structure in which work centers and their relationships to each other are displayed in levels. Work center hierarchies are used in capacity planning to cumulate available capacities or capacity requirements. The hierarchy can also be used to locate work centers.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects work center hierarchies from the `CRHH` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data
- Work center assignments
- Hierarchy data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **PP - Work center** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_PM_WORK_CENTER_HIERARCHY`

Virtual Tables

`AS_CRHS`: To store the hierarchy structure

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Work Center Hierarchy	All instances of this migration object are relevant to the transfer option.	Create Work Center Hierarchy	Creates work center hierarchy in the SAP S/4HANA system.	Not relevant	• Work Center Name • Plant	Not relevant	`CNV_PE_S4_PM_CRE_WORKCENTER_H`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_CRE_WORKCENTER_H`

APIs/BAPIs

`CRAP_HIERARCHY_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	CR23

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.6 FSCM - Credit management role

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate FSCM credit management role data for a business partner from the source ERP system to the target SAP S/4HANA system. The migration is based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Business Partner**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Credit Management* > *Master Data* > *Business Partner Master Data* Component: FIN-FSCM-CR
Business Object Type	Master data
Business Object Definition	A customer is a business partner with whom a business relationship exists whereby the customer orders goods or services from the company. This is one of the most commonly used master data objects, used by almost all business applications. All credit-relevant business partner data that you want to use in SAP Credit Management for monitoring credit risks is contained in the credit master data. You define and update credit master data in the master data record of the respective business partner.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives credit control areas from the company codes you specified when defining the migration scope. This migration object automatically selects the credit segment data from the `UKMBP_CMS_SGM` table for the derived credit control areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Credit management profile data
- Credit management segment data

Out of Scope

- Updating existing fields or records
- You cannot add profile data if segment data is already loaded. Segment data can only be loaded together with the profile data.

Prerequisites

Before you can start the migration process, for example, ensure the following Customizing in the **source system**:

FSCM Credit Management (FIN-FSCM-TR) is active in the source client

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Customer** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`B_BUP_PCPT` (Business Partner: Purpose Completed)

`B_BUPA_RLT`(Business Partner: BP Roles)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_CR_ROLE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Business Partner Role	All instances of this migration object are relevant to the transfer option.	Update Business Partner Role	Updates the credit management business partner role in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner	Not relevant	`CMD_MIG_BP_CVI_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	UKM_BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.7 Document info record (DMS)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate document info record data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Document Info Record**

Business Object Component/Area	Component: CA-DMS (Cross-Applications: Document Management)
Business Object Type	Master data
Business Object Definition	Master record containing all information necessary to manage a document. The data is sorted according to various criteria. A document info record contains both descriptive data (such as language and laboratory) and control data (such as change number and status).Document management at SAP has two sides: on one side are the originals, which can be in any format, and on the other side is the document info record, which makes the originals available to other SAP objects by means of object links.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

> **i Note**
>
> All document info records are automatically selected for migration. You can restrict the selection in the LTMOM transaction.

In Scope

The following data is set for migration to SAP S/4HANA:

- Document data for document info records
- Descriptions data for document info records
- Originals data for document info records
- Content versioning data
- Additional files
- Long texts
- Status information (not including status change logs)

> ℹ Note
>
> - Document info records you set for deletion in the source ERP system are not migrated.
> - **Important**: Migrate document info records in the same sequence as the sequence of versions to ensure consistency.
>
> **Additional Migration Considerations**
>
> Migrate classification details linked to the document info record separately using the **Object classification (general template)** migration object.
>
> You can migrate object links related to the document info record separately for the following migration objects:.
>
> - PM - Equipment
> - PM - Maintenance notification
> - Product

Out of Scope

- Classifications
- Document hierarchies
- Document structures
- Object links
- Change numbers
- Change logs
- Document distribution data
- Digital signature
- Status change logs

> ℹ Note
>
> - If you have multiple steps for migration, you can simulate only this feature: Document info record metadata.
> - The following feature is out of scope for simulation: Originals/Attachments.
> - During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, ensure the following Customizing in the target system:

- The *Version Assignment* checkbox is deselected for the relevant document types in the IMG path: *Cross-Application Components* > *Document Management* > *Control Data* > *Define Document Types*.
- **Important**: To ensure classification assignments for those document info records that have the **Locked** (S-type) status, change the status type from **Locked (S)** to **' ' (space)** for all document types in the Define Document Types configuration. After migraton, change the status type back from **' ' (space)** to **Locked (S)**.
- In the mapping task for the *Document Number* (`DOKNR`) field, the number range is set to external for the `DOKUMENT` number range object.
- No explicit changes made to mapping tasks for document versions
- Content repository and storage category to store the originals
- MIME types in the IMG path: *Cross-Application Components* > *Document Management* > *General Data* > *Define Workstation Application*

> **i Note**
>
> Storage type: The same content repository should be used in the source and target systems. If you are using an SAP system database as the content repository in the source system, you should configure the same content repository as an HTTP server pointing to the source R/3 system in the target system.

Source System

Before you can start the migration process, for example, ensure the following Customizing in the source system:

> **i Note**
>
> Documents are checked into the source system to enable them to be opened by different users in the target system
>
> Its recommended that, Document types have one-to-one mapping in the source and target systems with similar configurations

> **i Note**
>
> Implement SAP Note 685521 in the source system. The HTTP server you are pointing to in the target system, is the host address in the source system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_DRAW_TCD`(Authorization for document activities)

`C_KLAH_BKL` (Authorization for Classification)

`C_TCLA_BKA` (Authorization for Class Types)

`C_DRAD_OBJ` (Create/Change/Display/Delete Object Link)

`C_DRAW_TCS` (Status-dependent Authorizations for documents)

Note that the information given here is not exhaustive.

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_CA_DIR`

Virtual Tables

`AS_LONGTEXTS`: To store long texts for DIR

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Document Info Record	All instances of this migration object are relevant to the transfer option.	Create Document Info Record	Creates the document info record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Document Type • Document Number • Document Part • Document Version	Manage Documents (app ID F2733)	`CNV_PE_S4_CA_DIR`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_CA_DIR`

APIs/BAPIs

`BAPI_DOCUMENT_CREATE2`

Accessing SAP Fiori Apps from the Migrate Your Data app

You can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

After migration, select the *Version Assignment* checkbox on the *Define Document Types: Overview* screen for each document type. (Relevant transaction: DC10)

After migration, change the status type back from **' ' (space)** to **Locked (S)** for all document types with the **DIR Released** status for classification assignments.

This migration object creates:

- Document info records and document statuses with the migration date

- Originals data with the user and date information from the source system

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Find Document	CV04N
Change	CV02N
Display	CV03N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.8 EHS - Location

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate location data for Environment, Health and Safety (EHS) from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Location**

Business Object Component/Area	Component: EHS-SUS-FND
Business Object Type	Master data
Business Object Definition	An identified real place, virtual space, or object. The location is a central master data object that can be organized in a hierarchy to represent where a location exists spatially or functionally in a company. Examples of a location are a plant, a piece of equipment, or a work area.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Locations with multiple revisions
- Basic details
- Address details
- Persons responsible

Out of Scope

- Documents
- Plant Maintenance (PM) links
- Authorization groups

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Location types
- Company codes
- Plants
- Storage locations
- Business areas
- Controlling areas
- Storage types
- Storage bins

> **i Note**
>
> This migration object transfers location names (same or updated names) to the target system. Therefore, to prevent errors, ensure that location names are not configured in the target system.

You have migrated or defined settings in the **Business partner** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`SAP_EHSM_HSS_HYGIENIST` (Industrial Hygienist)

`SAP_EHSM_HSS_INCIDENT_MANAGER` (Incident Manager)

`SAP_EHSM_HSS_ENVMGR` (Environmental Manager)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_EHS_LOCATION`

Virtual Tables

- `IT_LOC_REVISION`: To store one or more header revision details data
- `IT_LOC_REVISION_TEXT` : To store one or more language texts
- `IT_LOC_RESPONSIBLE` : To assign responsible persons for the location

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate EHS Location	All instances of this migration object are relevant to the transfer option.	Create EHS Location	Creates the EHS location in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Location Name	Not relevant	EHFND_API_LOC_IMPORT

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Fiori Apps*
Change/Display	Incident Management

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.9 EHS - Location hierarchy

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate location hierarchy data for Environment, Health and Safety (EHS) from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **EHS Location Hierarchy**

Business Object Component/Area	Component: EHS-SUS-FND
Business Object Type	Master data
Business Object Definition	The Location Structure shows the hierarchy of locations and their sublocations. Under the Location Structure, the user can set a location as My Location. This serves as the starting point in the location hierarchy as it is then displayed as the first node. This avoids displaying the whole location structure.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Hierarchies
- Revisions

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **EHS - Location** migration object:

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`SAP_EHSM_HSS_INCIDENT_MANAGER` (Industrial Hygienist)

`SAP_EHSM_HSS_INCIDENT_MANAGER` (Incident Manager)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`SAP_EHSM_HSS_INCIDENT_MANAGER` (Industrial Hygienist)

`SAP_EHSM_HSS_INCIDENT_MANAGER` (Incident Manager)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_EHS_LOCATION_HIERARCHY`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate EHS Location Hierarchy	All instances of this migration object are relevant to the transfer option.	Create EHS Location Hierarchy	Creates the EHS location hierarchy in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• User Defined Source Key During Data Migration • Node ID • Location ID	Not relevant	`EHFND_API_LHR_IMPORT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Fiori Apps*
Change	Incident Management
Display	Incident Management

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.10 VC - Assign global dependency to class

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to assign global object dependencies to classes after migration from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Class**

Business Object Component/Area	Component: CA-CL
Business Object Type	Master data
Business Object Definition	A group of similar objects described by means of characteristics that they have in common.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

All classes that have global object dependencies assigned are automatically selected from the `KLAH`table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Class dependencies (Global)
- Overwritten value dependencies (Global)

- Deletion of global dependencies assignments

Out of Scope

Assignments without change numbers

> **i** Note
>
> During migration, this migration object checks whether class characteristics have been changed with a change number in the target system.
>
> If changes have taken place, the migration object uses the change number information in the source system to assign global dependencies to the **Class** object and the overwritten class values.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Class
- VC - Object dependency and dependency net

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_CLASS_ASSIGN_GLOBALOBJ_DEP`

Virtual Tables

- `AS_CLS_AENNR`: To store engineering change number data

- AS_CLASS_ALLOC_DEP: To store assignment data of class dependencies
- AS_CLASS_OVERWR: To store assignment data of overwritten values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Global Dependency	All instances of this migration object are relevant to the transfer option.	Create Global Dependency	Assigns global dependencies to classes in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Class Number • Class Type	Display Class (app ID CL03)	CNV_PE_S4_CA_CLASS_GLO_OBJ_DEP

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_CA_CLASS_GLO_OBJ_DEP

APIs/BAPIs

- BAPI_CLASS_ALLOC_GLOB_DEP
- CLCM_CLASS_FEATURE_KNOWL_VAL_O

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.

4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CL02
Display	CL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.11 JIT - Customer

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate JIT customer data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **JIT Customer**

Business Object Component/Area	Component: LE-JIT
Business Object Type	Master data

Business Object Definition	Indicates the party (usually original equipment manufacturer) who receives delivery of the goods
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects JIT customers from the `JITCU` table if JIT customers are defined for ship-to-party customers that belong to the derived sales organizations.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Conversion of external status information
- Destinations

Out of Scope

- Lead times
- Components group types

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

External status and internal processing status (JIT)

You have migrated or defined settings in the **Customer** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`JIT_CUSTMR` (JIT Supply to Customer: JIT Customers)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_JIT_CUSTOMER`

This migration object:

- Migrates JIT customers from the SAP ERP system to JIT Processing (Next -Generation) in the SAP S/4 HANA system.
- Identifies the ship-to-party for each JIT customer defined for the sold-to-party and partner description combination from the `KNVP` (partner function) table in the source system.
- Provides a mapping task to map the *Destination of JIT Customer* field from the source system to the *Customer Supply Area* field in the target system.

The standard API creates draft documents if the migration of JIT customers results in errors. You can delete these draft documents manually after data migration, if required

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Just-in-time Customer	All instances of this migration object are relevant to the transfer option.	Create Just-in-time Customer	Creates a just-in-time customer in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`NJIT_MIG_CUSTOMER`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

To enable the viewing of data, assign the following role to the user:

`SAP_BR_MD_SPECIALIST_JIT` (Master Data Specialist - Just-In-Time Supply)

How to Validate your Data in the System

You can use the **Manage JIT Customer Data** application to view and maintain the object in SAP Fiori.

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.12 JVA - Joint operating agreement (step 2)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate joint operating agreement data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Joint Operating Agreement**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Joint Operating Agreement* Component: CA-JVA
Business Object Type	Master data
Business Object Definition	A joint operating agreement contains the contractual agreements between joint venture partners. Joint venture and equity groups are linked with each other via the equity type and assigned within a joint operating agreement..
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All joint operating agreements from the `T8JU` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Joint operating agreements
- Stepped rate parameters at the project-level
- Parent company overheads

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Overhead rate types

- Number ranges
- Joint Operating Agreement matches the Customizing in the source system
- Joint Venture Accounting is active

You have migrated or defined settings in the following migration objects:

- JVA - Joint operating agreement (step 1)
- CO - Internal order
- PS - Project

Please migrate the **Joint operating agreement (step 1)** migration object before you migrate the **Joint operating agreement (step 2)** migration object. Please ensure that both migration objects are included in the same JVA migration project.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`J_JVA_JOA` (Joint Venture Accounting: Joint Operating Agreement Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_JVA_JOINT_OPERAT_AGREE_UPDATE`

Virtual Table

`MANUAL_TABLE`: To restrict joint operating agreements that do not have cost centers, internal orders, and WBS elements.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Joint Operating Agreement	All instances of this migration object are relevant to the transfer option.	Update Joint Operating Agreement	Updates the joint operating agreement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Joint Operating Agreement	Not relevant	`DMC_MIG_JVA_JOA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJA2
Display	GJA3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.13 JVA - Joint venture master (step 1)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate joint venture master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Joint Venture**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Joint Venture* > *Maintenance* Component: CA-JVA
Business Object Type	Master data
Business Object Definition	A joint venture in the SAP System is a summarization of cost objects whose costs are split up among partners. A joint venture is usually lead by an operating authority, who is responsible for the costs incurred. At the end of a period, all the costs incurred are split up and allocated to the partners involved. Joint ventures are created to keep costs as low as possible for the operating authority and the partners. This is achieved by distributing the costs incurred to the participants of the joint venture.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All joint ventures from the `T8JV` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Equity type data
- Equity group data
- Burden rate type

Out of Scope

- Cross-company code data under equity groups
- Substitute cost object data
- Parent company code overhead data
- Operator code data

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Joint Venture Accounting is active
- Joint Venture Accounting is active for the relevant company code
- Joint Venture Agreement is present with the same Customizing as in the source system
- Inter-company code is selected
- Venture class
- Equity types
- Recovery indicator
- Funding groups
- Overhead rate types
- Number ranges
- Billing structures
- Billing formats
- Operator as partner

You have migrated or defined settings in the following migration objects:

- JVA - Joint operating agreement (step 1)
- FI - House bank

> **i Note**
>
> If you renamed an equity group in a joint operating agreement,provide the same mapping for equity groups in the joint venture master.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`J_JVA_VNT` (Joint Venture Accounting: Venture Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_JVA_MASTER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Joint Venture	All instances of this migration object are relevant to the transfer option.	Create Joint Venture	Creates the joint venture in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Joint Venture	Display Joint Ventures (app ID GJSO)	`DMC_MIG_JVA_VENTURE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Migrate `S4_JVA_MASTER_UPDATE` (JVA - Joint venture master (step 2)) to update the current joint venture with this data:

- Cross-company codes
- Substitute cost objects
- Parent company overheads
- Operator codes for joint venture

If required, manually define this data:

- Inter-company mappings
- Intra-company mappings
- Adjust number ranges to the required values in the SAP S/4HANA system

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJVV
Display	GJVV

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.14 JVA - Joint venture master (step 2)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate joint venture master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Joint Venture**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Joint Venture* > *Maintenance* Component: CA-JVA
Business Object Type	Master data
Business Object Definition	A joint venture in the SAP System is a summarization of cost objects whose costs are split up among partners. A joint venture is usually lead by an operating authority, who is responsible for the costs incurred. At the end of a period, all the costs incurred are split up and allocated to the partners involved. Joint ventures are created to keep costs as low as possible for the operating authority and the partners. This is achieved by distributing the costs incurred to the participants of the joint venture.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All joint venture data from the `T8JV` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data

- Cross-company code data from the *Equity Groups* tab
- Substitute cost object data
- Parent company code overhead data
- Operator code data

Out of Scope

- Equity type data
- Equity group data
- Burden rate type

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Joint Venture Accounting is active
- Joint Venture Accounting is active for the relevant company code
- Joint Venture Agreement is present with the same Customizing as in the source system
- Inter-company code is selected
- Joint ventures
- Cost centers
- Internal orders
- WBS elements or projects

You have migrated or defined settings in the following migration objects:

- JVA - Joint venture master (step 1)
- JVA - Joint venture agreement (step 2)

> **i** Note
>
> If you renamed an equity group in a joint operating agreement,,provide the same mapping for equity groups in the joint venture master.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`J_JVA_VNT` (Joint Venture Accounting: Venture Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_JVA_MASTER_UPDATE`

Virtual Tables

- `INTER_CODE`: To store joint venture inter-company code data
- `FILTER_DUMMY`: To store WBS element references for substitute cost objects
- `FILTER_T8JV`: To store WBS element references for operator codes and filter-relevant joint ventures

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Joint Venture	All instances of this migration object are relevant to the transfer option.	Update Joint Venture	Updates the joint venture in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Joint Venture	Display Joint Ventures (app ID GJSO)	`DMC_MIG_JVA_VENTURE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/

2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

You can manually define inter-company mappings and intra-company mappings, if required.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJVV
Display	GJVV

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.15 Product classification (legal control)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate legal control data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Product**

Business Object Component/Area	Component: SLL-ITR-CLS
Business Object Type	Master data
Business Object Definition	Classification of products for legal control. This includes the assignment of control classes and control groupings as well as the setting of the control relevance.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

1. This migration object derives plants from the company codes you specified when defining the migration scope.
2. This migration object automatically selects materials from the `MARC` table for the derived plants.
3. This migration object also selects the same materials from the `MAEX` table as the materials selected from the **MARC** table.

In Scope

Legal control data

Out of Scope

- Valid-from dates
- Valid-to dates

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, ensure the following Customizing in the both the source and target systems:

- Legal regulations
- Control classes
- Control groups

You have migrated or defined settings in the **Product** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_MAR` (Material Master: Material Types)

`M_MATE_MTA` (Material Master: Change Material Type)

`M_MATE_STA` (Material Master: Maintenance Statuses)

`M_MATE_WGR` (Material Master: Material Groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_MATERIAL_LEGAL_CONTROL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Legal Control	All instances of this migration object are relevant to the transfer option.	Create Legal Control	Creates a legal control in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Legal Regulation	Classify Products - Legal Control (app ID F2390)	`SAPSLL_LEGCON_CLS_MIGR_BAPI`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

To validate data, assign the `SAP_BR_TRD_CLS_SPECIALIST` (Trade Classification Specialist) business role to the user in the target system.

How to Validate your Data in the System

You can validate the data using the *Classify Products - Legal Control* application in SAP Fiori.

Available Migration Objects [page 2] in SAP S/4HANA.

1.16 RE-FX - Business partner role

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate RE-FX business partner role data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Business Partner**

Business Object Component/Area	Component: AP-MD-BP

Business Object Type	Master data
Business Object Definition	An organization or a private individual in which you have a business interest. It can be a person, organization, or group inside or outside of the company.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object selects all flexible real estate documents for the company codes you specified when defining the migration scope. This migration object picks up the flexible real estate documents from the following tables:

- `VIBDBE`
- `VICNCN`
- `VIBDPR`
- `VIBDBU`
- `VIBDRO`

The migration object next selects all business partners for the flexible real estate documents from the `VIBPOBJREL` table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Flexible real estate business partner roles:
  - Administrator (TR0806)
  - Applicant (TR0640)
  - Appraiser (TR0815)
  - Architect (TR0809)
  - Bank for Rent Deposit (TR0636)
  - Correspondence Partner (TR0860)
  - Holder (TR0823)
  - Janitor (TR0808)
  - Land Lease Right Holder (TR0812)
  - Land Registry (TR0810)
  - Legal Owner (TR0811)
  - Manager w. Vendor Acct (TR0606)
  - Notary (TR0802)
  - Obligated Party (TR0824)
  - Owner (TR0800)

    - Owner (TR0605)
    - Primary Contractor (TR0804)
    - Property Developer (TR0803)
    - Subsidizer (TR0624)
    - Survey Office (TR0820)
    - Tax Office (TR0821)
    - Technology (TR0807)
- Ratings
- Employment data
- Additional information
- Additional names
- Fiscal year data

Out of Scope

- Company code specific data
- Fiscal data
- Tax compliance data
- Regulatory Reporting Data
- Financial reporting data
- Creditworthiness data
    - Date of credit standing information
    - Additional credit standing information
    - Institutes providing credit standing information
    - Credit standings
    - Status of credit standing information
    - Affidavits
    - Launch bankruptcy proceedings
    - Foreclosures

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Business partner** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `B_BUPA_RLT` (Business partner: BP roles)
- `B_BUPA_GRP` (Business partner: Authorization groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_REFX_BUSINESS_PARTNER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate RE-FX Business Partner Roles	All instances of this migration object are relevant to the transfer option.	Create Business Partner Roles	Creates RE-FX business partner roles in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner	Manage Business Partner Master Data (app ID F3163)	`CMD_MIG_BP_CVI_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.

3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	BP
Display	BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.17 TRM - Cap/Floor

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cap and floor contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cap/Floor**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Derivatives* > *Trading* > *Create Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transaction data
Business Object Definition	**Cap**: A series of interest rate options that can be exercised if the interest rate exceeds an agreed maximum interest rate or interest rate ceiling. The interest rate cap is compared to the agreed reference interest rates on predefined dates. If the reference interest rate is higher than the interest rate cap, the buyer receives a corresponding compensation payment from the seller. Opposite of a floor. **Floor**: A series of interest rate options that can be exercised if the interest rate falls below an agreed minimum interest rate. The interest rate floor is compared to the agreed reference interest rate on predetermined dates. If the reference interest rate is lower than the interest rate floor, the buyer receives a corresponding compensation payment from the seller. Opposite of a cap.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Cap and floor contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant cap and floor contracts from the `VTBFHA` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administration data
- Additional main flows

> **i Note**
>
> To migrate the complete cap/floor data, ensure that these migration objects are defined in the same project:
>
> - TRM - Condition detail
> - TRM - Additional flow
> - TRM - Payment detail

Out of Scope

- Terminated transactions
- Reversed transactions
- Order activities
- Exclusive indicator and month-end indicator in main flow
- Default risk limit
- Trade repository

> **i Note**
>
> If you have multiple steps for migration, you can simulate only the Contract Data feature.
>
> The following features are out of scope for simulation:
>
> - Main Flow
> - Settlement
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

> **i Note**
>
> Interest rate adjustments are not migrated to the target system. You need to manually update this information in the target system after migration.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.

- Factory calendars relevant for Treasury.
- Business partners with necessary authorizations
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Cash flow calculation set to "Parallel Condition" under product types for premium conditions
- Product types, flow types and update types
- House banks

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- CO - Cost center
- CO - Profit center

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`F_T_TRANSB` (Treasury: Transaction Authorization)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`T_DEAL_PF` (Portfolio Authorization)

`T_POS_ASS` (Assign Attributes to Positions)

`T_DEAL_AG` (Authorization for an Authorization Group)

`F_T_TRANSB` (Treasury: Transaction Authorization)

`B_BUPA_RLT` (Business Partner: BP Roles)

`B_BUPR_BZT` (Business Partner Relationships: Relationship Categories)

Note that the information given here is not exhaustive.

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_INT_OPTIONS_CAP_FLOOR`

Virtual Tables

`INT_CAP_FLOOR`: To store the details of the cap/floor structure

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cap/Floor	All instances of this migration object are relevant to the transfer option.	Create Cap/Floor Transaction	Creates the cap/floor transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_CAPFLOOR_CREATE`
		Update Main Flow Details	Updates the main flow details for a transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_OT_APPL_FI_TRM_MAINFLOW`

	Settle Cap/Floor Transaction	Settles the cap/floor transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	BAPI_FTR_SETTLE

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_OT_APPL_FI_TRM_MAINFLOW

APIs/BAPIs

- BAPI_FTR_MAINFLOW_CHANGE
- BAPI_FTR_MAINFLOW_CREATE
- BAPI_FTR_MAINFLOW_GETLIST
- BAPI_TRANSACTION_COMMIT

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost, and accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.18 TRM - Deposit at notice

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate deposit at notice data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Deposit at Notice**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Money Market* > *Trading* > *Deposit At Notice Fast Entry* Component: FIN-FSCM-TRM-TM

Business Object Type	Transactional data
Business Object Definition	An amount of money invested or borrowed for a term that is unknown when the contract is concluded. Taking into account a predetermined period of notice, the remaining term is fixed when notice is given. A deposit at notice is an investment or borrowing without defined due dates. The deposit at notice, therefore, not only includes the functions available in the fixed term deposit area, but also a function for giving notice; in other words, in addition to entering the amounts and conditions, you enter the notice period and the interest payment date and frequency.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Deposit at notice transactions with the active activity categories **Contract**, **Rollover**, and **Settlement** are relevant for migration. The relevant deposit at notice transactions from the `VTBFHA` table are automatically selected for the company codes you specified when defining the migration scope .

In Scope

The following data is set for migration to SAP S/4HANA:

- Main condition
- Main flow of investment
- Main flow of borrowing
- Structure
- Administration

> **i** Note
>
> This migration object only migrates Deposit at notice transactions and does not migrate main flow, additional flows, conditions or payment details. Hence, migrate this object before you migrate the following objects : **TRM - Main flow detail**, **TRM - Additional flow**, **TRM - Condition detail**or **TRM - Payment detail**

Out of Scope

- Correspondence data

- Default risk limit
- Analysis parameter data
- Trade repository

Note that the information given here is not exhaustive.

> **i** Note
>
> You can simulate only the **Create a deposit at notice transaction** feature.
>
> The following features are out of scope for simulation:
>
> - Rollover of the transaction
> - Settlement of a contract/rollover
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Conditions types and flow types
- Product types, transaction types, and update types
- Position management and links to accounting components
- All cash flows until the migration cut-off date are posted to Financial Accounting

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Profit center
- TRM - Business partner role
- TRM - Facility

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

B_BUPA_GRP (Business Partner: Authorization Groups)

B_BUPA_PGM (Grouping Characteristic for SAP BP-FS)

B_BUP_PCPT (Business Partner: Purpose Completed)

T_DEAL_PD (Authorization for Product/Transaction Types)

T_POS_ASS (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

F_T_TRANSB (Treasury: Transaction Authorization)

B_BUPA_GRP (Business Partner: Authorization Groups)

B_BUPA_PGM (Grouping Characteristic for SAP BP-FS)

B_BUP_PCPT (Business Partner: Purpose Completed)

T_DEAL_PD (Authorization for Product/Transaction Types)

T_DEAL_PF (Portfolio Authorization)

T_POS_ASS (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: S4_FI_TRM_DEPOSIT_AT_NOTICE

Virtual Tables

- DAN_TAB: To store data related to the **Deposit at Notice** conditions
- SINGLE_DATES: To store data related to single-dates in conditions

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Deposit At Notice	All instances of this migration object are relevant to the transfer option.	Create Deposit At Notice	Creates the deposit at notice transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_DAN_CREATE`
		Settle Deposit At Notice	Settles the transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	`BAPI_FTR_DAN_SETTLE`

Rollover Deposit At Notice	Rolls over the transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is rollover in the source system	Not relevant	Not relevant	BAPI_FTR_DAN_ROLLOVER
Settle Deposit At Notice	Settles the transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	BAPI_FTR_DAN_SETTLE

Change Condition Details	Changes condition details for transactions in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	BAPI_FTR_CONDITION_CHANGE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* check box. This transaction enables the generation of posting logs. In the FI area, you can see the accounts to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

Valuation areas: With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost, and accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT, TM12
Display	FTR_EDIT, TM13

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.19 VC - Assign global dependency to characteristic

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to assign global object dependencies to characteristics after migration from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Characteristics**

Business Object Component/Area	Component: CA-CL
Business Object Type	Master data
Business Object Definition	A special allocation function that enables allocation of global dependencies to characteristics. Object dependencies can be defined between characteristics and characteristic values. They can be described in a dependency editor using a special syntax.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

All characteristics that have global object dependencies assigned are automatically selected from the `CABN` table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Global dependencies for characteristics
- Overwritten values for characteristics
- Change number data

Out of Scope

Deletion of global object dependencies in characteristics

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- VC - Global object dependency and dependency net
- Characteristic

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_CABN` (Create Characteristics)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_CHARACTERITICS_ASGNGLOBDEP`

Virtual Tables

- `CABN_AS`: To hold characteristics
- `CAWN_AS`: To hold characteristic values
- `VCUOB_AS`: To hold characteristic value assignments to dependencies
- `VCUKB_AS`: To hold maintenance information for characteristic value dependencies
- `TCME_AS`: To hold the validity of characteristics
- `CCUOB_AS`: To hold characteristic assignments to dependencies
- `CCUKB_AS`: To hold maintenance information for characteristic dependencies

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Assign Global Object Dependency to Characteristic	All instances of this migration object are relevant to the transfer option.	Assign Global Object Dependency	Assigns global object dependencies to a characteristic in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_CA_CHAR_GLOB_OBJ_DEP`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_CA_CHAR_GLOB_OBJ_DEP`

APIs/BAPIs

- `CTMV_CHARACT_CHANGE_KNOWL`
- `CTMV_CHARACT_CHANGE_KNOWL_VAL`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	CT04

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.20 VC - Interface design (characteristic group)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate interface design data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Interface Design (Characteristic Group)**

Business Object Component/Area	Component: LO-VC
Business Object Type	Master data
Business Object Definition	You can assign an interface design to several materials that are assigned to the same class and therefore have the same characteristics. When you configure these materials, you automatically start with the characteristics groups that you defined in your interface design.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Descriptions for characteristics groups
- Format data
- Borders
- Border descriptions

Note that the information given here is not exhaustive.

Out of Scope

Advanced variant configuration

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **VC - Configuration profile** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_LOVC_DSG` (Interface design)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_LO_VC_INTERFACE_DESIGN`

Virtual Tables

- `ART_CECUSD`: To handle basic data
- `ART_CECUSDT`: To handle descriptions for characteristics groups
- `ART_CECUFM`: To handle formats
- `ART_CABN`: To handle formats
- `ART_CECUSF`: To handle borders
- `ART_CECUSFT`: To handle border descriptions

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Interface Design	All instances of this migration object are relevant to the transfer option.	Create Interface Design	Creates the interface design in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Design Name	Not relevant	`BAPI_UI_SAVEM`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CU42, CU50
Display	CU43, CU50

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.21 VC - Variant table entry

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate variant table entry data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Variant Table Entry**

Business Object Component/Area	Component: LO-VC
Business Object Type	Transactional data
Business Object Definition	A table used to store consistent combinations of values for different characteristics in production modeling.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope. This object automatically selects all variant table entries from the table `CUVTAB`.

In Scope

The following data is set for migration to SAP S/4HANA:

Variant table maintenance data

Out of Scope

Change overview data

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Characteristic
- VC - Variant table structure

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_LOVC_TAB` (Variant Table - Structure)

`C_LOVC_TCN` (Variant Table - Contents)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_LO_VC_VARIANT_TABLE_ENTRY`

Virtual Tables

- `AS_CABN`: To handle characteristic value formats
- `AS_AENR`: To handle change numbers

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Variant Table Entries	All instances of this migration object are relevant to the transfer option.	Create Variant Table Entries	Creates the variant table entries in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Table Name of Variant Table	Table Maintenance (app ID CU60)	`CNV_PE_S4_LO_VC_VAR_TAB_ENTRY`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_LO_VC_VAR_TAB_ENTRY`

APIs/BAPIs

- `CARD_TABLE_READ_ENTRIES`
- `VCH_TABLE_MAINTAIN_ENTRIES`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CU60
Display	CU60

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.22 VC - Variant table structure

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate variant table structure data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Variant Table Structure**

Business Object Component/Area	User Menu Path: *Logistics* > *Central Functions* > *Variant Configuration* > *Tools* > *Table Structure* Component: LO-VC
Business Object Type	Master data
Business Object Definition	A table used to store consistent combinations of values for different characteristics in product modeling.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects all variant table structure records from the `CUVTAB` table in the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Characteristics
- Value assignment alternatives
- Descriptions

> **i** Note
>
> Variant table structures with the **Locked** status are migrated with the **Released** status to the target SAP S/4HANA system.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings for the **Characteristic** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_LOVC_TAB` (Variant Table Structure)

`C_LOVC_DBI` (Variant Table Link to Database Table)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_LO_VC_VARIANT_TABLE_STRUCT`

Virtual Tables

`AS_CUVTAB_IND`: To handle value assignment alternatives

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Variant Table Structure	All instances of this migration object are relevant to the transfer option.	Create Variant Table Structure	Creates the variant table structure in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Table Name of Variant Table • Variant Table Status	Display Table Structure (app ID CU63)	`VCH_TABLE_MAINTAIN_STRUCTURE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CU62
Display	CU63

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.23 Batch unique at plant level

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate batch data unique at the plant level from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Batch**

Business Object Component/Area	User Menu Path: *Logistics* > *Central Functions* > *Batch Management* > *Batch* Component: LO-BM
Business Object Type	Master data
Business Object Definition	A subset of a material in stock, managed separately from other subsets of the same material.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all unique batch data at the plant level from the `MCHA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Classification data

Out of Scope

- Internal number range
- Long texts for batches

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Characteristic
- Class
- Product
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_CHG` (Material Master: Batches/Trading Units)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_BATCHES_PLANT`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Batch at Plant Level	All instances of this migration object are relevant to the transfer option.	Create Batch at Plant Level	Creates the batch at the plant level in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material • Plant • Batch	Manage Batches (app ID F2462)	`BAPI_BATCH_SAVE_REPLICA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MSC2N
Display	MSC3N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.24 Batch unique at material and client level

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate batch data at material and client level from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Batch**

Business Object Component/Area	User Menu Path: *Logistics* > *Central Functions* > *Batch Management* > *Batch* Component: LO-BM
Business Object Type	Master data
Business Object Definition	A subset of a material in stock, managed separately from other subsets of the same material.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

If both **Product** and **Batch unique at material and client level** migration objects are set for migration:

This migration object first identfiies materials assigned to the company codes you specified during migration scope. For the relevant materials, this mgiration object automatically selects all batch data unique at the material and client levels from the `MCH1` table.

If only the **Batch unique at material and client level** migration object is set for migration:

This object is not delimited by the company codes specified when defining the migration scope. This mgiration object automatically selects all batch data unique at the material and client levels from the `MCH1` table for migration.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Classification data

Out of Scope

- Internal number ranges
- Long texts for batches

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Characteristic
- Class
- Product
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_CHG` (Material Master: Batches/Trading Units)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_BATCHES`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Batch (Material/Client)	All instances of this migration object are relevant to the transfer option.	Create Batch (Material/Client)	Creates the batch at the material or client level in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material • Batch	Manage Batches (app ID F2462)	`BAPI_BATCH_SAVE_REPLICA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MSC2N
Display	MSC3N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.25 Bank

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This object enables you to migrate bank data from the source ERP system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration process enables you to transfer data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Bank Master**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Banks* > *Master Data* > *Bank Master Record* Component: FI
Business Object Type	Master data

Business Object Definition	A unique number or code that uniformly identifies a bank in the system.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects all bank keys from the `BNKA` table in the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Bank country/region
- Bank key
- Bank address data
- Other address data of the bank

Out of Scope

- Check digit calculation method
- File formats with bank data
- IBAN rules
- SEPA B2B direct debit
- SEPA COR1 direct debit
- SEPA returned debits (R transactions)
- Internal bank categories

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`F_BNKA_MAN` (Banks: General Maintenance Authorization)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_BANKMASTER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Bank	All instances of this migration object are relevant to the transfer option.	Create Bank	Creates the bank key in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Bank Key • Country/Region Key of Bank	Manage Banks (app ID F1574)	`BAPI_BANK_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FI02
Display	FI03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.26 Business partner

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate business partner data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Business Partner**

Business Object Component/Area	Component: AP-MD-BP
Business Object Type	Master data
Business Object Definition	A person, organization, or group of people/organizations in which a company has a business interest. It can be a person, organization, or group inside or outside of the company.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All business partners from the `BUT000` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Address data
- Address overview
- Identification data
- Control data
- Payment transactions
- Tax numbers
- Status

Note that the information given here is not exhaustive.

> **i Note**
>
> By default, business partners with all of the following roles are selected for migration:
>
> - Customer
> - Vendor
> - Customer and vendor
> - TRM
>
> Contact SAP if you want to migrate business partners with only one assigned role, such as vendor, customer, or TRM.

Out of Scope

- Address-independent communication data
- Business hours in control data
- Status management data

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings for the **Bank** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `B_BUPA_RLT` (Business partner: BP roles)
- `B_BUPA_GRP` (Business partner: Authorization groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AP_BUSINESS_PARTNER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Business Partner	All instances of this migration object are relevant to the transfer option.	Create Business Partner	Creates the business partner in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner	Manage Business Partner Master Data (app ID F3163)	`CMD_MIG_BP_CVI_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	BP
Display	BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.27 Catalog code group and code

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate catalog code group and code data from the source ERP system to the target SAP S/4 HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Catalog Code Group**

Business Object Component/Area	Component: QM-PT-BD-CAT
Business Object Type	Master data
Business Object Definition	A catalog is a collection of codes with related contents. Catalogs are used to encode qualitative contents described in text form in a format that can be machine processed. Subsets of codes can be grouped within a catalog according to various criteria. Selected sets of codes can also be created for a particular purpose. The most widely-used catalogs contain: Characteristic attributes, usage decisions, tasks, and defect types. A code group is key for summarizing codes and structuring a catalog according to various criteria. The assignment of codes to code groups takes place at client level. A code is a key that uniquely identifies the qualitative contents of a problem in a coded form that is machine readable. Each code is assigned to a code group in the catalog. A code can describe: a characteristic attribute, a defect type or a usage decision.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

Catalog code group and code data

Out of Scope

- Classification
- Statuses set to **Can no longer be used**

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Object classification (general template)** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`Q_CAT_GRP` (Catalog Maintenance of Group Codes and Codes)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_QM_CATALOG_CODE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Catalog Code Group	All instances of this migration object are relevant to the transfer option.	Create Catalog Code Group	Creates the catalog code group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Function • Catalog • Code Group	Edit Code Groups (app ID QS41)	`BAPI_QPGR_SAVEREPLICA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Edit	QS41
Display	QS42

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.28 Characteristic

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate characteristic data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Characteristic**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Classification System* > *Master Data* > *Characteristics* Component: CA-CL
Business Object Type	Master data
Business Object Definition	Property for describing and distinguishing between objects, such as length, color, or weight.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

> **i Note**
>
> All characteristics from the CABN table in the source system are automatically selected for migration.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Names
- Characteristic values
- Additional data
- Restrictions
- Document info record assignments
- Basic data of local dependencies
- Descriptions of local dependencies
- Documentations of local dependencies
- Source code of local dependencies
- Long texts for characteristics and characteristic values

> **i Note**
>
> - You can migrate only the allowed values from the value check strategy.
> - If there are any dependency source code errors, dependencies with the Released status are migrated with the Locked status.

Out of Scope

- Value check strategies other than allowed values
- Advanced variant configuration for dependencies

> **i Note**
>
> You can simulate only this feature: Create characteristic
>
> The following features are out of scope for simulation:
>
> - Changes related to change numbers
> - Characteristic dependencies
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document info record (DMS)
- ECM - Change master

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`C_CABN` (Authorization for Characteristics Maintenance)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_CHARACTERISTICS`

Virtual Tables

- `CABN_AS`: To store characteristic basic data
- `CABNT_AS`: To store characteristic texts
- `CABNT_LONGTXT`: To store characteristic long texts
- `CAWN_AS`: To store characteristic values
- `CAWNT_AS`: To store characteristic value texts
- `VCUOB_AS`: To store characteristic values object dependencies
- `VCUKB_AS`: To store characteristic values dependency administration information
- `VCUKBT_AS`: To store characteristic values dependency texts
- `VCUKN_AS`: To store dependency source code for characteristic values
- `VDOC1_AS`: To store dependency long texts for characteristic values
- `CAWNT_LONGTXT`: To store long texts for characteristic value
- `TCME_AS`: To store validity of global characteristics
- `CCUOB_AS`: To store characteristic object dependencies
- `CCUKB_AS`: To store administration information for characteristic dependencies
- `CCUKBT_AS`: To store characteristic dependency texts
- `CCUXREF_AS`: To store cross references for source code object dependencies
- `CCABN_AS`: To store internal characteristics
- `CCUKN_AS`: To store administration information for characteristics
- `CDOC1_AS`: To store dependency long texts for characteristics

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Characteristic	All instances of this migration object are relevant to the transfer option.	Create Characteristic	Creates the characteristic and assigns object dependencies in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Characteristic Name	Characteristics, Display Characteristic, Manage Characteristics (app ID CT04)	`CNV_PE_S4_CA_CHAR_CUD`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_CA_CHAR_CUD`

APIs/BAPIs

- `BAPI_CHARACT_CREATE`
- `BAPI_CHARACT_CHANGE`
- `CTMV_CHARACT_CHANGE_KNOWL`
- `CTMV_CHARACT_CHANGE_KNOWL_VAL`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CT04
Display	CT04

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.29 Class

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate class data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Class**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Classification System* > *Master Data* Component: CA-CL
Business Object Type	Master data
Business Object Definition	A group of similar objects described by means of characteristics that they have in common.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects all classes from the `KLAH` table in the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Class basic data
- Class standard data
- Class keywords
- Class characteristics
- Class long texts
- Class local dependencies
- Characteristic overwritten values
- Characteristic overwritten value local dependencies
- Change number data
- Linkages between class and document

Out of Scope

- Long texts for characteristic overwritten values
- Deletion of local dependencies for classes
- Deletion of local dependencies for characteristic overwritten values
- Changes of local dependencies for classes using change numbers
- Changes of local dependencies for characteristic overwritten values using change numbers
- Class global dependencies
- Characteristic overwritten value global dependencies
- Simulation

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Characteristic
- ECM - Change master
- Document info record (DMS)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_TCLA_BKA` (Create/Validate)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_CLASS_ECN`

Virtual Tables

- `AS_CLS_AENNR`: To handle change numbers
- `AS_CLASS_ALLOC_DEP`: To handle class allocation dependencies
- `AS_CLASS_LCL_DEP_DESCR`: To handle local dependency descriptions for classes
- `AS_CLASS_LCL_DEP_LTXT`: To handle local dependency long texts for classes
- `AS_CLASS_LONG_TEXTS`: To handle class long texts
- `AS_CLASS_OVERWR`: To handle overwritten characteristic values for classes
- `AS_CLS_OVRWR_DSCR`: To handle overwritten characteristic descriptions for classes
- `AS_CABN_OMERK`: To handle object-dependent characteristics

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Class	All instances of this migration object are relevant to the transfer option.	Create Class	Creates the class in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Class Number • Class Type	Display Class, Display Classes (app ID CL03)	`CNV_PE_S4_CA_ECN_CLASS`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_CA_ECN_CLASS`

APIs/BAPIs

- `BAPI_CLASS_CREATE`
- `BAPI_CLASS_CHANGE`
- `BAPI_CLASS_MAINT_LOCAL_DEP`
- `CLCM_CLASS_FEATURE_KNOWL_VAL_O`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CL02
Display	CL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.30 Condition contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate condition contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Condition Contract**

Business Object Component/Area	User Menu Path: *Logistics* > *Settlement Management* > *Condition Contract Management* > *Master Data* Component: LO-AB
Business Object Type	Master data

Business Object Definition	A document used to record conditions that a partner (usually a vendor) grants to a limited group of eligible partners (usually customers).
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Condition contract header data
- Eligible partner data
- Condition table data including scale data
- Condition contracts with New or Released system statuses
- Condition object types (`KONDIND-OBTYP`) with the value 20

Out of Scope

- Condition contract header texts
- Post processing framework actions
- Settlement calendar data
- Business volume base data
- Condition contracts that do not have the New or Released system statuses

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Customer
- Exchange rate
- Product

- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `W_COCO` (Controls whether documents from a condition contract type can be processed)
- `W_COCO_ORG` (Controls whether documents from a condition contract type can be processed for the specified organizational units)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_GT_CONDITION_CONTRACT`

Virtual Tables

- `AS_COND_KEY`: To handle condition key data
- `AS_SCALE`: To handle condition scale data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Condition Contract	All instances of this migration object are relevant to the transfer option.	Create Condition Contract	Creates the condition contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Condition Contract • Condition Contract Type	Display Condition Contract (app ID WCOCO_DISPLAY)	`BAPI_CONDITION_CONTRACT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	WCOCO
Display	WCOCO

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.31 Customer

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate customer master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Customer**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Master Data* > *Business Partner* > *Customer* Component: SD
Business Object Type	Master data
Business Object Definition	A business partner with whom a business relationship exists, involving the issue of goods or services.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects all customers from the `KNA1` table for the company codes and derived sales organizations.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company data including dunning
- Contact persons
- Bank data
- Sales data including sales partner functions
- Industry assignments
- Credit management control data

- Extensions of existing customers to new organization levels
- Credit card data
- Only the following long texts
  - Customer texts
  - Company code texts
  - Sales organization texts
  - Contact person texts
- International versions of addresses

> **i** Note
>
> - If a customer in the source system is extended to multiple company codes, after data migration, the customer in the target system is extended only to the participating company codes.
> - If a customer in the source system has multiple sales organizations, after data migration, the customer in the target system contains only the selected sales organizations.

Out of Scope

- Documents assigned to the customer
- Classifications
- Updates to existing fields
- Extensions of withholding tax or dunning or texts data to the existing company codes
- Extensions of partner functions of existing sales organizations
- Extensions of existing addresses with an international address version.
- Extensions of sales organizations belonging to existing company codes

Prerequisites

Source System

Before you can start the migration process, ensure that you have defined values for all fields set as mandatory in the target system. Otherwise, errors may occur after migration. Alternatively, blank values are populated in the mandatory fields after data migration.

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, you have:

- Defined all mandatory Customizing for customer-vendor integration (**CVI**) in the target system.
- Provided the customer account group in the **Customer Account Group (MAP_KTOKD)** mapping task. Doing so enables the migration object to determine the business partner grouping and roles from the following customizing paths:

Business Partner Info	Customizing (IMG) Path
Business partner role	*Cross-Application Components* > *Master Data Synchronization* > *Customer/Vendor Integration* > *Business Partner Settings* > *Settings for Customer Integration* > *Define BP Role Direction Customer to BP*
Business partner group	*Cross-Application Components* > *Master Data Synchronization* > *Customer/Vendor Integration* > *Business Partner Settings* > *Settings for Customer Integration* > *Field Assignment for Customer Integration* > *Assign Keys* > *Define Number Assignment for Direction Customer to BP*

- Registered the **CVI_EI_INBOUND_REQ_ACTIVATE** function module using the **CRMC_BUT_CALL_FU** transaction code with the following entries:

Column Names	Values to Be Filled
Event	CRM Inbound
Object	Business Partner
Item	<Value less than 10000>
Function Name	**CVI_EI_INBOUND_REQ_ACTIVATE**
Call	Selected

You have migrated or defined settings in the following migration objects:

- Bank
- FI - G/L account
- Business partner
  If a business partner is linked to a customer in the source system, please migrate the **Business partner** migration object before you migrate the **Customer** migration object. Please ensure that both migration objects are included in the same migration project.
- CO - Secondary cost element
- Exchange rate

> **i Note**
>
> **Supplier**
>
> - If the customer and vendor refer to the same business entity in the source system, please migrate the **Customer** migration object before you migrate the **Supplier** migration object. Please ensure that both migration objects are included in the same migration project.
> - If the business partner is linked to both the customer and vendor in the source system, please migrate the **Business partner** migration object first, followed by the **Customer** migration object, and finally the **Supplier** migration object. Please ensure that all three migration objects are included in the same migration project.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`F_KNA1_GEN` (Customer: Central Data)

`F_KNA1_BUK` (Customer: Authorization for Company Codes)

`F_KNA1_APP` (Customer: Application Authorization)

`F_KNA1_GRP` (Customer: Account Group Authorization)

`F_KNA1_BED` (Customer: Account Authorization)

`V_KNA1_VKO` (Customer: Authorization for Sales Organizations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_SD_CUSTOMER_MASTER`

This migration object identifies the business partner category from the `TSAD3` Customizing table belonging to the customer title. If, for example, the customer title in the source system is "company", the business partner category is "organization".

Handling Referenced Customer Accounts

Migration Context	Migration Object Behavior	User Action Required
If the customer account has referenced customer accounts such as sold-to party or ship-to part party in the source system, but only the customer account is set for migration.	This migration object migrates the customer account, but not the referenced customer accounts. The migration ends in error.	1. Set the referenced customer accounts for migration or manually create the referenced customer accounts in the target system. 2. Migrate the migration object again.
If the customer account has referenced customer accounts in the source system, and all relevant customer accounts are set for migration.	This migration object migrates all customer accounts along with the references among the relevant customer accounts.	Not relevant
If the customer account has referenced customer accounts in the source system, and all relevant customer accounts are set for migration.	This migration object migrates the customer account first and the referenced customer accounts later. The migration ends in error.	1. Migrate the migration object again. 2. This migration object updates references among the relevant customer accounts.

Virtual Tables

- ADRC_VRN: To store international address versions
- KNB1_TEXT: To store company long text headers for customers
- KNB1_TEXT_DATA: To store customer company text data
- KNVV_TEXT: To store sales long text headers for customers
- KNVV_TEXT_DATA: To store sale long text data for customers
- TAXNUMBER: To store tax numbers
- BP_GENERAL: To store business partner general data
- ADRC_C: To store contact person addresses
- ADR2_C: To store telephone numbers for contact persons
- ADR3_C: To store fax numbers for contact persons
- ADR4_C: To store teletex numbers for contact persons
- ADR5_C: To store telex numbers for contact persons
- ADR6_C: To store e-mail addresses for contact persons
- ADR7_C: To store remote mail addresses (SAP - SAP - Communication; BAS) for contact persons
- ADR8_C: To store X.400 numbers for contact persons
- ADR9_C: To store RFC destinations for contact persons
- ADR10_C: To store ADR10 printer information for contact persons
- ADR11_C: To store SSF information for contact persons
- ADR12_C: To store FTP and URL data for contact persons
- ADR13_C: To store pager information for contact persons
- ADRT_C: To store communication data texts for contact persons
- ADRU_C: To store the communication usages of contact persons
- ADRCT_C: To store address texts for contact persons
- ADRC_C_VRN: To store the international address versions for contact persons
- KNVK_TEXT: To store contact long text headers for customers
- KNVK_TEXT_DATA: To store contact long text data for customers
- KNA1_TEXT: To store long text header for customers
- KNA1_TEXT_DATA: To store customer text data
- BP_ROLES: To store business partner roles
- KNZA_GEN: To store alternative payer data that is common for all company codes

Note that virtual tables do not exist in the database.

Mapping Task Information

Use Case	Enter Values for	In the Mapping Tasks

If the customer and the vendor refer to the same business entity in the source system.	Customer and Vendor	**Customer Number (MAP_KUNNR)** and **Vendor Number (MAP_LIFNR)** respectively For example: Customer ABC and vendor XYZ refer to the same business entity in the source system. When customer ABC is migrated to the target system, assume business partner PQR is created with customer roles. Later, when you migrate the vendor migration object, the business partner PQR is automatically assigned to the supplier XYZ.
If **BUPA** business function is active in the source system, and the business partner is related to both the customer and vendor in the source system	Business partner, Customer and Supplier	**Business Partner (MAP_BU_PARTNER)** **Customer Number (MAP_KUNNR)** and **Vendor Number (MAP_LIFNR) respectively**
If the customer is not related to the business partner or the vendor in the source system (classical scenario)	Customer	**Customer Number (MAP_KUNNR)**
If the customer account group is assigned to an external number range	Customer	**Customer Number (MAP_KUNNR)**
If the customer account group is assigned to an internal number range	Customer (Enter a blank.)	**Customer Number (MAP_KUNNR)**

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Customer	All instances of this migration object are relevant to the transfer option. 0	Create Customer	Creates a customer in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner Number • Customer Number	Manage Customer Master Data (app ID F0850A)	CMD_MIG_BP_CVI_CREATE
		Create Credit Management Data	Creates credit management data for customers in the SAP S/4HANA system.	:All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: Credit management data is present for the customer	Not relevant	Not relevant	CNV_PE_S4_SD_MIG_CUST_KNKK
		Update Customer	Updates customer data in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_CUSTOMER_UPDATE

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_SD_MIG_CUST_KNKK

APIs/BAPIs

CMD_MIG_BP_CVI_CREATE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Business Partner	BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.32 CO - Activity type

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate activity type master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Activity Type**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Activity Type* Component: CO
Business Object Type	Master data
Business Object Definition	A unit in a controlling area that classifies the activities performed in a cost center.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all activity types from the `CSLA` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Activity type texts

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Cost center categories
- Activity type categories

You have migrated or defined settings in the following migration objects:

- CO - Activity type group
- CO - Secondary cost element

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSLA` (CO-CCA: Activity Types Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_ACTIVITY_TYPE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Activity Type	All instances of this migration object are relevant to the transfer option.	Create Activity Type	Creates an activity type in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Activity Type	Activity Type (S/4 HANA) (app ID F1717)	`BAPI_ACTTYPE_CREATEMULTIPLE`
		Update Activity Type Description	Updates the activity type created in the first step with a description in the SAP S/4 HANA system	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_OT_APPL_CO_ACTTYP_CHNG`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_CO_ACTTYP_CHNG`

APIs/BAPIs

`BAPI_ACTTYPE_CHANGEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KL02
Display	KL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.33 CO - Activity type group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate activity type group master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Activity Type Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Activity Type Group* Component: CO
Business Object Type	Master data
Business Object Definition	An organizational unit to combine several activity types.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects activity type groups belonging to set classes from the `SETHEADER` table for the derived controlling areas.

> **i Note**
>
> The migration object selects the set class with the value 0105 (Activity Type Group) for transfer.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Groups and values

> **i Note**
>
> This migration object transfers activity type groups maintained in the source system to the target system without any changes. If you want to rename an activity type during migration, you may have to manually modify the activity type names in the groups.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSLA_SET` ((CO:CCA: Activity Type Groups))

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSLA_SET` ((CO:CCA: Activity Type Groups))

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_ACTIVITY_GROUP`

Name of the BAPI used in the source system

`BAPI_ACTIVITYTYPEGRP_GETDETAIL` Object BUS1115 (Activity Type Group) - Method GetDetail

Virtual Tables

- `TAB_NODES`: Hierarchy Nodes
- `TAB_VALUES`: Hierarchy Values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Activity Type Group	All instances of this migration object are relevant to the transfer option.	Create Activity Type Group	Creates an activity type group in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Group Name	Manage Activity Type Groups (app ID F1027)	`BAPI_ACTIVITYTYPEGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KLH2
Display	KLH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.34 CO - Business process

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate business process data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Business Process**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Activity-Based Costing* > *Master Data* > *Business Process* Component: CO-OM
Business Object Type	Master data
Business Object Definition	Process in a company that uses resources and can involve the activities of different departments. A business process can consume the output of multiple cost centers in a controlling area.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all business processes from the `CBPR` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Organizations
- Attributes
- Allocation

- Templates

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration object:

- CO - Cost center
- CO - Profit center
- CO - Business process group
- CO - Secondary cost element

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_ABC` (CO-ABC: General Authorization Object, Business Processes)

`K_CBPR_SET` (CO-ABC: Business Process Groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_BUSINESS_PROCESS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Business Process	All instances of this migration object are relevant to the transfer option.	Create Business Process	Creates a business process in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Business Process	Not relevant	`BAPI_PROCESS_CREATEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CP02
Display	CP03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.35 CO - Business process group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This object enables you to migrate business process groups and assigned standard hierarchies from the source ERP system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration process enables you to transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Business Process Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Activity-Based Costing* > *Master Data* > *Business Process Group* Component: CO-OM-ABC
Business Object Type	Master data
Business Object Definition	When you create a business process, you must assign it to a group, which can be either the standard hierarchy itself or a business process group that belongs to the standard hierarchy. The standard hierarchy is the business process group that you create before you define the first business process. You can create additional business process groups as subordinate nodes under the standard hierarchy.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all business process groups and the standard hierarchies from `SETHEADER` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Standard hierarchies assigned to the controlling area

> **i** Note
>
> After the business process master data is migrated to the target system, the respective business process is assigned to the corresponding hierarchy area.

Out of Scope

Values assigned to standard hierarchies

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Standard hierarchies for business processes
- Assignment of standard hierarchies to controlling areas

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

- `K_CBPR_SET` (CO-ABC: Business Process Groups)

- `K_ABC` (CO-ABC: General Authorization Object, Business Processes)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_BUSINESS_PROCESS_GROUP`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Business Process Group	All instances of this migration object are relevant to the transfer option.	Create Business Process Group	Creates the business process group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Group Name	Not relevant	`BAPI_BUSPROCESSCOGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CPH2
Display	CPH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.36 CO - Cost center

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost center data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cost Center**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Cost Center Accounting* Component: CO
Business Object Type	Master data

Business Object Definition	An organizational unit within a controlling area that represents a defined location of cost incurrence. The definition can be based on: • Functional requirements • Allocation criteria • Physical location • Responsibility for costs
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all cost centers from the `CSKS` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company code data
- Address data
- Validity
- Communication data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center group
- CO - Profit center

- JVA - Joint venture master (step 1)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

`K_CSKS` (CO-CCA: Cost Center Master)

`K_CSKS_SET` (CO-CCA: Cost Center Groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_COST_CENTER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Center	All instances of this migration object are relevant to the transfer option.	Create Cost Center	Creates a cost center in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Cost Center	Manage Cost Centers (app ID F1443A)	`BAPI_COSTCENTER_CREATEMULTIPLE`

Update Cost Center Description	Updates the cost center created in the first step with a description in the SAP S/4 HANA system	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_OT_APPL_CO_CC_CHNG

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_OT_APPL_CO_CC_CHNG

APIs/BAPIs

BAPI_COSTCENTER_CHANGEMULTIPLE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KS02
Display	KS03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.37 CO - Cost center group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost center groups and assigned standard hierarchies from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using standard Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cost Center Group**

Business Object Component/Area	User Menu Path *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Cost Center Group* Component: CO
Business Object Type	Master data
Business Object Definition	A hierarchical group of cost centers defined and organized according to selected criteria.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects cost center groups and the assigned standard hierarchies from the `SETHEADER` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

Cost center groups

Standard hierarchies assigned to the controlling area

Out of Scope

- Values assigned to standard hierarchies
- Values assigned to related cost center groups
- Standard hierarchies belonging to controlling areas where the enterprise organization is active

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Standard hierarchies belonging to cost center groups are assigned to the relevant controlling area.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

`K_CSKS_SET` (CO-CCA: Cost Center Groups)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKS_SET` (CO-CCA: Cost Center Groups)

`K_CSKS` (CO-CCA: Cost Center Master)

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_COST_CENTER_GROUP`

Virtual Tables

`TAB_NODES`: To store the nodes of the standard hierarchy

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Center Group	All instances of this migration object are relevant to the transfer option.	Create Cost Center Group	Creates the cost center group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Cost Center Group	Manage Cost Center Groups (app ID F1024)	`BAPI_COSTCENTERGROUP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KSH2
Display	KSH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.38 CO - Cost element group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost element group data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cost Element Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Cost Element Group* Component: CO
Business Object Type	Master data

Business Object Definition	An organizational entity that combines cost elements of the same type. Cost element groups can serve various purposes. For example, they can be used to create reports or to process several cost elements in one business transaction.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the chart of accounts from the company codes you specified when defining the migration scope. This migration object automatically selects the cost element groups from the `SETHEADER` table for the derived charts of accounts.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Groups and values

> **i** Note
>
> This migration object transfers cost element groups maintained in the source system to the target system without any changes. If you want to rename a cost element during migration, you may have to manually modify the cost element names in the groups.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKA_SET` (CO-CCA: Cost Element Groups)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKA_SET` (CO-CCA: Cost Element Groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_COST_ELEMENT_GROUP`

Virtual Tables

- `TAB_NODES`: To store group nodes
- `TAB_VALUES`: To store group ranges

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Element Group	All instances of this migration object are relevant to the transfer option.	Create Cost Element Group	Creates a cost element group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Chart of Accounts • Group Name	Not relevant	`BAPI_COSTELEMENTGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KAH2
Display	KAH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.39 CO - Cost rate

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost rate data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Activity Price**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Planning* > *Activity Output/Prices* Component: CO-OM
Business Object Type	Master data
Business Object Definition	The amount charged for services performed for external or internal receivers.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all cost rate data from the `CSSL` table for the controlling areas.

Additional selection criteria

All cost rate data from the `CSSL` table is automatically selected for the current fiscal year, previous fiscal year, and the upcoming fiscal year. Fiscal year data enables a comparison of planned and actual cost rates.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header information
- Objects for plan activity
- Period values for plan activity
- Control values for plan activity

> **i Note**
>
> Cost rates for business processes in the source system are not migrated

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Activity type
- CO - Secondary cost element

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CBPR_PLA` (CO-ABC: Business Process Planning)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_ACTIVITY_PRICE`

Virtual Tables

`FLTR_CSSL`: To store cost rate data of the previous, current, and upcoming fiscal years.

Note that the virtual tables do not exist in the database.

The migration object transfers cost rate information to the target system with default values for the following fields:

Field	Default Value
PERIOD_FROM	001
PERIOD_TO	012
PLAN_CURRTYPE	C

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Rate	All instances of this migration object are relevant to the transfer option.	Post Activity Planning Data	Posts the activity planning data in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_COSTACTPLN_POSTACTOUTPUT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KP26
Display	KP27

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.40 CO - Internal order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate internal order data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Internal Order**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Internal Orders* > *Master Data* > *Special Functions* > *Order* > *Create* Component: CO
Business Object Type	Transactional data

Business Object Definition	An internal order is an instrument used to monitor costs and, in some instances, the revenues of an organization. Internal orders can be used for the following purposes: • Monitoring the costs of short-term jobs • Monitoring the costs and revenues of a specific service • Ongoing cost control
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives controlling areas from the company codes you specified when defining the migration scope. This migration object automatically selects internal orders from the `AUFK` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Internal order description

> **i** Note
>
> After migration, all internal orders are set to the **Created** status regardless of the status in the source system.

Out of Scope

Settlement rules

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

To avoid errors related to settlement rules, you have set all parameters related to settlement rules as "Optional." The parameters include Screen Control Customizing and Valid Receivers.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Plant
- Object class
- Business area
- Functional area

You have migrated or defined settings in the following migration objects:

- CO - Profit center
- CO - Cost center
- CO - Business process
- SD - Customer quotation
- JVA - Joint venture master (step 1)
- PS - Network
- FI - G/L account

If you want to set the status of all migrated internal orders to **Released**: You have set the order profile in the KOT2_OPA transaction and selected *Release Immediately* before migration.

> **i** Note
>
> With this setting, after migration, all internal orders are set to the **Released** status regardless of the status in the source system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_ORDER` (CO-OPA General authorization object for internal orders)

`B_URSERST_T` (Status Management Set/Delete User Status using Transaction)

`S_ADMI_FCD` (System Authorizations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_INTORDER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Internal Order	All instances of this migration object are relevant to the transfer option.	Create Internal order	Creates the internal order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Order ID	Manage Internal Orders (app ID F1604)	`BAPI_INTERNALORDER_CREATE`

> **i** Note
>
> If you have set the number range object to internal, the BAPI still treats it as an external number range object. As a result, errors might occur even though migration was successful.

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KO02
Display	KO03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.41 CO - Profit center

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate profit center data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Profit Center**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Profit Center Accounting* > *Master Data* > *Profit Center* Component: CO
Business Object Type	Master data
Business Object Definition	An organizational unit in Accounting that reflects a management-oriented structure of the organization for the purpose of internal control. Operating results for a profit center can be analyzed using either the cost of sales approach or the period accounting approach. By analyzing the fixed capital as well, you can expand your profit center for use as an investment.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all active profit centers from the `CEPC` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company code data
- Address data
- Validity information
- Communication data

Out of Scope

Inactive profit centers

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Profit center group
- JVA - Joint venture master (step 1)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`K_PCA` EC-PCA: Responsibility Area, Profit Center

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_PROFIT_CENTER`

> **i** Note
>
> If the profit center is assigned to several company codes, this migration object assigns only the specified company codes to the profit center in the target system. This migration object sets the `ASSIGN_TO_PRCTR` parameter to **X** in the `CEPC_BUKRS` table for the BAPI `BAPI_PROFITCENTER_CREATE`.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Profit Center	All instances of this migration object are relevant to the transfer option.	Create Profit Center	Creates the profit center in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Profit Center • Controlling Area	Manage Profit Centers (app ID F3516)	`BAPI_PROFITCENTER_CREATE`

Update Profit Center Description	Updates the profit center created in the first step with a description in the SAP S/4 HANA system	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_OT_APPL_CO_PC_CHNG

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_OT_APPL_CO_PC_CHNG

APIs/BAPIs

BAPI_PROFITCENTER_CHANGE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

.

Activity	*Transaction Code*
Change	KE52
Display	KE53

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.42 CO - Profit center group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate profit center groups and assigned standard hierarchies from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Profit Center Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Profit Center Accounting* > *Master Data* > *Profit Center Group* Component: CO
Business Object Type	Master data
Business Object Definition	A profit center group is a hierarchical structure of profit centers.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects profit center groups and the assigned standard hierarchies from the `SETHEADER` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

Profit center groups

Standard hierarchies assigned to the controlling area

Out of Scope

- Values assigned to standard hierarchies
- Values assigned to related profit center groups
- Standard hierarchies belonging to controlling areas where the enterprise organization is active

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Standard hierarchies belonging to profit center groups are assigned to the relevant controlling area.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_PCA` (EC-PCA: Responsibility Area, Profit Center)

`K_PCAP_SET` (EC-PCA: Planning Hierarchy)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_PCA` (EC-PCA: Responsibility Area, Profit Center)

`K_PCAP_SET` (EC-PCA: Planning Hierarchy)

`F_UNI_HIER` (Universal Hierarchy Access)

`K_PCA_MD` (EC-PCA: Authorization Object for Profit Center Master Data)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_PROFIT_CENTER_GROUP`

Virtual Tables

`TAB_NODES`: To store nodes of the standard hierarchy

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Profit Center Group	All instances of this migration object are relevant to the transfer option.	Create Profit Center Group	Creates the profit center group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Profit Center Group	Not relevant	`BAPI_PROFITCENTERGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KCH2
Display	KCH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.43 CO - Secondary cost element

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate secondary cost element master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Secondary Cost Element**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Element Accounting* > *Master Data* > *Cost Element* > *Individual Processing* > *Edit Cost Element* Component: CO
Business Object Type	Master data

Business Object Definition	A cost element that is used to allocate costs for internal activities.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from company codes you specified when defining the migration scope. This migration object automatically selects all secondary cost elements from the `CSKB` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company code data
- Chart of accounts data
- General texts

Out of Scope

Default account assignments

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Company code assignments to the controlling area

You have migrated or defined settings in the following migration object:

FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKB` (CO-CCA: Cost Element Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_SECONDARY_COST_ELEMENT`

If a group chart of accounts is assigned to a chart of accounts, use the values in the `MAP_KTOPL_BILKT` mapping task.

If a country-specific/local chart of accounts is assigned at the company code level, use the values in the `MAP_BUKRS_ALTKT` mapping task.

If a group chart of accounts is assigned to a chart of accounts, **and** a country-specific/local chart of account is assigned at the company code level, use the values in both the `MAP_KTOPL_BILKT` and `MAP_BUKRS_ALTKT` mapping tasks.

Fixed values defined in this migration object for secondary elements:

- Type of general ledger account is **S**
- P&L statement account type is **X**
- G/L account group is **SECC**
- Field status group is **SECC**
- Cost element category is **21, 31, 41, 42, 43, 50, 51, 52** or **61**

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Secondary Cost Element	All instances of this migration object are relevant to the transfer option.	Create Secondary Cost Element	Creates the secondary cost element in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Chart of Accounts • G/L Account Number	Manage G/L Account Master Data (app ID F0731A)	GL_ACCT_MASTER_SAVE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FS00
Display	FS00

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.44 CO - Statistical key figure (ERP)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate statistical key figure data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Statistical Key Figure**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Profit Center Accounting / Cost Center Accounting* > *Master Data* > *Statistical Key Figures* > *Individual Processing* > *Create* Component: CO
Business Object Type	Master data
Business Object Definition	The statistical values describe the following • Cost center • Business process • Profit center There are the following types of statistical key figures: • Fixed value: They are carried forward from the current posting period to all subsequent posting periods. • Total value: They are posted in the current posting period only.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives controlling areas from the company codes you specified when defining the migration scope. This migration object automatically selects the statistical key figures from the `TKA03` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Statistical key figure descriptions maintained in available languages

Out of Scope

LIS data for statistical key figures

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Controlling areas
- Statistical key figure hierarchies

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`S_ADMI_FCD`(System Authorizations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CO_STAT_KEY_FIGURE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Statistical Key Figure	All instances of this migration object are relevant to the transfer option.	Create Statistical Key Figure	Creates statistical key figures in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Statistical Key Figure • Controlling Area	Manage Statistical Key Figures (app ID F1603A)	BAPI_KEYFIGURE_CREATEMULTIPLE
		Change Statistical key Figure	Changes statistical key figures in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_OT_APPL_CO_STAT_KEYFIG_CHG

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_CO_STAT_KEYFIG_CHG`

APIs/BAPIs

`BAPI_KEYFIGURE_CHANGEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/

2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KK02
Display	KK03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.45 ECM - Change master

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate engineering change number data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Engineering Change Number**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Engineering Change Management* > *Change Number* Component: LO-ECH
Business Object Type	Master data
Business Object Definition	A component that allows objects to be changed with history (with date validity) or dependent on specific conditions (with parameter effectivity). The different processing statuses of the object are saved. All changes are made with reference to a change master record. In the SAP system, object types can be changed with reference to a change number, such as: • Bills of material • Task lists • Documents • Materials
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Object types
  - Bills of material
  - Documents
  - Materials
  - Characteristics
  - Class characteristics
  - Task lists
  - Classifications
  - Object dependencies
  - Configuration profiles
  - Variant tables
- Alternative dates
- Change header long texts

> **i Note**
>
> Engineering change numbers you set for deletion in the source ERP system are not migrated.

Out of Scope

- Effectivity data
- Object assignments
- Engineering change request

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_AENR_ERW` (CC Eng. Chg. Mgmt. Enhanced Authorization Check)

`C_AENR_BGR` (CC Change Master - Authorization Group)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_ENGG_CHANGE_NUMBERS`

Virtual Tables

`AENR_TEXT`: To store header texts

Note that virtual tables do not exist in the database.

During migration, for each object type in the migration scope for Engineering Change Number, this migration object clears the values for the `GEN_NEW` and `GEN_DIALOG` fields in the target system. Clearing is necessary to ensure that there are no dependencies on other master data objects during migration.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Engineering Change Number	All instances of this migration object are relevant to the transfer option.	Create ECM Change Master	Creates the engineering change number in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Change Number	Manage Change Masters (app ID F2212)	`BAPI_ECN_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CC02
Display	CC03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.46 Exchange rate

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate exchange rate data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Exchange Rate**

Business Object Component/Area	User Menu Path: *SAP Netweaver* > *General Settings* > *Currencies* > *Enter Exchange Rates* Component: FI
Business Object Type	Master data
Business Object Definition	Exchange rate defines the relationship between two currencies. They are used to translate an amount into another currency.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

Exchange rates are defined at the client level and are relevant across company codes. Hence, this migration object migrates all exchange rates maintained in the `TCURR` table in the source system to the target system.

In Scope

The following data is set for migration to SAP S/4HANA:

Exchange rate

Out of Scope

Incomplete exchange rates. For example, exchange rate information that is available in the `TCURR` table is missing in the `TCURF` table.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currencies
- Exchange rate types
- Translation ratios

Roles and Authorizations

Source System

Not relevant

Target System

To migrate exchange rates, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_FI_EXCHANGE_RATE_V2`

Virtual Tables

`AT_FACTORS` : To create structures for the migration BAPI

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Exchange Rate	All instances of this migration object are relevant to the transfer option.	Update Exchange Rate	Updates the exchange rate in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_EXCHRATE_CREATEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain	OC41

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.47 FI - G/L account

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L accounts and primary cost elements from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (API).

Related Business Object: **G/L Accounts**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Master Records* > *G/L Accounts* > *Individual Processing* > *Centrally* Component: FI
Business Object Type	Master data
Business Object Definition	A structure that records value movements in a company code and represents the G/L account items in a chart of accounts. A G/L account has transaction figures that record changes to the account during a posting period. These figures are totals that are used for G/L reporting.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the charts of accounts from the company codes you specified when defining the migration scope. This migration object automatically selects all G/L accounts from the `SKA1` table for the derived charts of accounts.

> **i** Note
>
> The selected G/L accounts should be present in the `SKB1` table for the specified company codes.

In Scope

The following data is set for migration to SAP S/4HANA:

- Standard G/L account types
- Company code views
- Chart of accounts views
- Types/descriptions
- Control data
- Create/bank/interest data
- Keyword/translation data
- G/L accounts already present in a chart of accounts view

Out of Scope

- Blocked G/L accounts
- Custom G/L account types

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Languages assigned to the charts of accounts in the source and target systems must match.
- If a group chart of accounts is active, all group accounts are maintained or migrated.
- If an alternate group account is active, all alternate accounts are maintained or migrated.
- P/L statement account types
- Company IDs of trading partners
- House banks

You have migrated or defined settings in the **FI - House bank** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_SKA1_BUK` (G/L Account: Authorization for Company Codes)

`F_FICB_FKR` (Cash Budget Management/Funds Management FM Area)

`F_SKA1_BES` (G/L Account: Account Authorization)

`F_SKA1_KTP` (G/L Account: Authorization for Charts of Accounts)

`K_CSKB` (CO-CCA: Cost Element Master)

`F_SKA1_AEN` (G/L Account: Change Authorization for Certain Fields)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_GL_ACCOUNT_MASTER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate G/L Account	All instances of this migration object are relevant to the transfer option.	Create G/L Account	Creates the G/L account in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Chart Of Account • G/L Account Number	Manage G/L Account Master Data (app ID F0731)	`GL_ACCT_MASTER_SAVE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FS00
Display	FS00

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.48 FI - G/L account balance (classic G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L account balance data (for the current fiscal year) from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **G/L Account Balance**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Account* > *Display Balances (New)* Component: FI
Business Object Type	Transactional data
Business Object Definition	The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balances: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater)
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object automatically selects the following data for the company codes you specified when defining the migration scope:

All G/L account balances from the `GLT0` table belonging to non-open item managed accounts and profit & loss accounts.

Additional selection criteria:

The following fields in the G/L account are set to space:

- *Open-Item Managed* (`XOPVW`)
- *Account is Reconciliation Account* (`MITKZ`)
- *Clearing Specific to Ledger Groups* (`XLGCLR`)

In Scope

The following data is set for migration to SAP S/4HANA:

- G/L account balances belonging to the general ledger **00** and additional currency ledgers assigned to the specified company codes
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- External number ranges
- Balances where document splitting is active in the target system

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys assigned to currency types belonging to different organizational units match in the source and target systems
- You have created and activated the `ACC_DOCUMENT` BAdI implementation in the target system. Please see SAP Note **2717381** for information about BAdI implementations.

You have migrated or defined settings in the following migration objects:

- FI - G/L account
- CO - Secondary cost element

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_GL_ACC_BALANCE_CLASSIC_GL`

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Account Balance (Classic G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Account Balance	Posts the G/L account balance in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.

5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	FS10N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.49 FI - G/L account balance (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L account balance data (for the current fiscal year) from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **G/L Account Balance**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Account* > *Display Balances (New)* Component: FI

Business Object Type	Transactional data
Business Object Definition	The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balances: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater)
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object automatically selects the following data for the company codes you specified when defining the migration scope:

All G/L account balances from the `FAGLFLEXT` table belonging to non-open item managed accounts and profit & loss accounts

Additional selection criteria

The following fields in the G/L account are set to space:

- *Open-Item Managed* (`XOPVW`)
- *Account is Reconciliation Account* (`MITKZ`)
- *Clearing Specific to Ledger Groups* (`XLGCLR`)

In Scope

The following data is set for migration to SAP S/4HANA:

- G/L Account balances belonging to leading and non-leading ledgers that are assigned to the participating company codes.
- As-is values of any additional local currencies that are customized in the source system **only** if the same currencies are defined in the target system for company codes.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

External number ranges

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- The leading and non-leading ledgers assigned to the specified company codes match in both the source and target systems.
- You have created and activated the `ACC_DOCUMENT` BAdI implementation in the target system. Please see SAP Note **2717381** for information about BAdI implementations.
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys assigned to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- FI - G/L account
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_GL_ACC_BALANCE_NEW_GL`

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Account Balance (New G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Account Balance	Posts the G/L account balance in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view for the object. However, this code also has some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	FAGLB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.50 FI - G/L open item (classic G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L open item data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	G/L open item records contain the open items posted to an open item managed account. Accounts that are managed on an open item basis include: • Bank clearing account • Payroll clearing account • Cash discount clearing account • GR/IR clearing account
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All G/L open items from the `BSIS` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes
- Line items of open item managed accounts

Note that the information given here is not exhaustive.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Open items where document splitting is active in the target system

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- The tax category is removed from all the open item managed accounts
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element

- Exchange rate
- Fixed asset (including balance)
- FI - G/L account
- PS - Network
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not Relevant

Technical Information

Name of this migration object: `S4_FI_GL_OI_CLASSIC_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Open Item (Classic G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Open Item	Posts G/L open items in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the open item managed account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.51 FI - G/L open item (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L open item data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	G/L open item records contain the open items posted to an open item managed account. Accounts that are managed on an open item basis include: • Bank clearing account • Payroll clearing account • Cash discount clearing account • GR/IR clearing account
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All G/L open items from the `BSIS` table are automatically selected for the company codes that you specified when defining the migration scope

In Scope

The following data is set for migration to SAP S/4HANA:

- General ledger views from the `FAGLFLEXA` table
- Line items of open item managed accounts
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

Note that the information give here is not exhaustive.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Clearings specific to ledger groups
- Postings in non-leading ledgers (`BKPF-BSTAT` = "**L**") only

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- The tax category is removed from all the open item managed accounts
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Document splitting settings must be the same in source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- Fixed asset (including balance)
- FI - G/L account
- PS - Network
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not Relevant

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_GL_OI_NEW_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Open Item (New G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Open Item	Posts G/L open items in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the open item managed account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.52 FI - Accounts payable open item (classic G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts payable open items from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Payable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Payable* Component: FI
Business Object Type	Transactional data

Business Object Definition	Accounts payable are liabilities currently owed by a person or business. The Accounts Payable application component records and administers accounting data for all vendors. Accounts payable open items are those items that are yet to be cleared.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts payable open items from the `BSIK` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts payable open items
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes only in the target system (and not in the source system), the system calculates the values of the local currencies in the target system..

Out of Scope

- Tax lines
- Vendor noted items
- Down payment requests
- Open items where document splitting is active in the target system

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Tax category is removed from the master data for the vendor reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process
- CO - Internal order
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center
- Exchange rate
- Fixed asset (including balance)
- FI - House bank
- FI - G/L account
- Product
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AP_OI_CLASSIC_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Payable	All instances of this migration object are relevant to the transfer option.	Post Accounts Payable	Posts accounts payable in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Accounting Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the vendor reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.53 FI - Accounts payable open item (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts payable open items from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Payable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Payable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Accounts payable are liabilities currently owed by a person or business. The Accounts Payable application component records and administers accounting data for all vendors. Accounts payable open items are those items that are yet to be cleared.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts payable open items from the `BSIK` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts payable open items
- General ledger views generated using the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes only in the target system (and not in the source system), the system calculates the values of the local currencies in the target system..

Out of Scope

- Tax lines
- Vendor noted items
- Down payment requests
- Customer-specific split characteristics

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Tax category is removed from the master data for the vendor reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems
- Document splitting settings must be the same in source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process
- CO - Internal order
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center
- Exchange rate

- Fixed asset (including balance)
- FI - House bank
- FI - G/L account
- Product
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AP_OI_NEW_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Payable	All instances of this migration object are relevant to the transfer option.	Post Accounts Payable	Posts accounts payable in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Accounting Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the vendor reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.54 FI - Accounts receivable open item (classic GL)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts receivable open items from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Receivable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Open items are items that are not yet cleared. The Accounts Receivable application component records and administers accounting data for all customers. Accounts Receivable open items, are also known as Customer open items.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts receivable open items from the `BSID` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts receivable open items
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i Note**
>
> If additional local currencies are assigned to company codes only in the target system (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Customer noted items
- Down payment requests
- SEPA mandate details such as validity and administrative data
- Open items where document splitting is active in the target system

> **i** Note
>
> If multiple mandates are assigned to a single line item, only the latest mandate is migrated.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Tax category is removed from the master data for the customer reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems
- You have created and activated the ACC_DOCUMENT BAdI implementation in the target system. Please see SAP Note 2717381 for information about BAdI implementations.

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Customer
- Exchange rate
- FI - G/L account
- FI - House bank
- FI - SEPA mandate
- Fixed asset (including balance)
- Product
- SD - Sales contract

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AR_OI_CLASSIC_GL`

Virtual Tables

`SEPA`: To store information for one-time SEPA mandates

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Receivable	All instances of this migration object are relevant to the transfer option.	Post Accounts Receivable	Posts the accounts receivables in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Accounting Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	BAPI_ACC_DOCUMENT_POST

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the customer reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.55 FI - Accounts receivable open item (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts receivable open items from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This

migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Receivable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Open items are items that are not yet cleared. The Accounts Receivable application component records and administers accounting data for all customers. Accounts Receivable open items, are also known as Customer open items.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts payable open items from the `BSID` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts receivable open items
- General ledger views generated using the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i Note**
>
> If additional local currencies are assigned to company codes only in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Customer noted items

- Down payment requests
- Customer-specific split characteristics
- SEPA mandate details such as validity and administrative data

> **i** Note
>
> If multiple mandates are assigned to a single line item, only the latest mandate is migrated.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Tax category is removed from the master data for the customer reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems
- Document splitting settings must be the same in source and target systems
- You have created and activated the ACC_DOCUMENT BAdI implementation in the target system. Please see SAP Note 2717381 for information about BAdI implementations.

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- FI - G/L account
- FI - House bank
- FI - SEPA mandate
- Fixed asset (including balance)
- Product
- Customer
- SD - Sales contract

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AR_OI_NEW_GL`

Virtual Tables

`SEPA`: To store data related to one-time mandates

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Receivable	All instances of this migration object are relevant to the transfer option.	Post Accounts Receivable	Posts the accounts receivables in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Accounting Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	BAPI_ACC_DOCUMENT_POST

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/

2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the customer reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.56 FI - Bank account

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bank account data from the source ERP system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **House Bank Account**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Banks* > *Master Data* > *House Bank and House Bank Accounts* Component: FI
Business Object Type	Master data
Business Object Definition	An internal representation of a company's bank account at a house bank. It contains all control information required for processing payment relevant processing.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All house bank accounts from the `T012K` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Master data for bank accounts
- Descriptions in master data for bank accounts
- Currencies in master data for bank accounts
- Bank records
- Linkages between bank accounts and house bank accounts

Out of Scope

- Overdraft limits in the master data of bank accounts
- Signatories
- Simulation

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Bank
- FI - House bank
- FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`F_CLM_BAM` (Authorization for Bank Account Management)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_BANK_ACCOUNTS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Bank Account	All instances of this migration object are relevant to the transfer option.	Create Bank Account	Creates the bank account in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • House Bank • House Bank Account • Bank Key • Country/ Region Key of Bank	Manage Bank Accounts (app ID F1366A)	`BAPI_FCLM_BAM_AMD_BNKANT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*

Change	FI12_HBANK
Display	FI13_HBANK

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.57 FI - House bank

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the house bank data from the source ERP system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **House Bank**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Banks* > *Master Data* > *House Bank and House Bank Accounts* Component: FI
Business Object Type	Master data
Business Object Definition	A business partner that represents a bank through which you can process your internal transactions.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All house banks from the `T012` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Transfer structure object **T012: House Bank**
- Foreign payment transactions
- Data medium exchange (DME) parameters

Out of Scope

- Bank record structures
- Simulation

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Bank** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`F_BNKA_BUK` (Banks: Authorization for Company Codes)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_CA_HOUSE_BANK`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate House Bank	All instances of this migration object are relevant to the transfer option.	Create House Bank	Creates the house bank in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • House Bank	Not relevant	`BAPI_HOUSE_BANK_REPLICATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FI12_HBANK
Display	FI13_HBANK

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.58 FI - Ledger group-specific open item

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate open item data specific to ledger groups from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object:**General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	You can use the function for all items that, due to parallel accounting, are posted to multiple ledgers and valuated differently in those ledgers, in particular for provisions (such as provisions for commission or process risks, or provisions for creating and checking year-end closing).
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All ledger group-specific postings from the FAGLBSIS table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Ledger group-specific postings
- General ledger views
- Header data
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

> **i Note**
>
> If additional local currencies are assigned to company codes **only** in the target system (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

Tax lines

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- The tax category is removed from all the open item managed accounts
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.
- Document splitting settings must be the same in source and target systems

> **i Note**
>
> Before migration, create and activate the ACC_DOCUMENT BAdI implementation in the target system. For more information, see SAP Note 2717381.

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- Fixed asset (including balance)
- FI - G/L account
- PS - Network
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_GL_OI_LEDGER_SPEC_NEW_GL`

Virtual Tables

- `LEDGER`: To retrieve the entry views of the document.
- `FAGL_REP_LED`: To retrieve the data of the representative ledger.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Ledger Group-Specific Open Item	All instances of this migration object are relevant to the transfer option.	Post Ledger Group Specific Open Item	Posts ledger group-specific open items in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the open item managed account.

Deactivate the BAdI implementation after migration and before posting any new documents in the target system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02

Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.59 FI - SEPA Mandate

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate SEPA mandate data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **SEPA Mandate**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* > *Master Records* > *SEPA Mandates* Component: FI
Business Object Type	Master data
Business Object Definition	Payers use SEPA mandates to grant their vendors or service agents the authorization to debit their account with the appropriate payment amount as part of a SEPA direct debit.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All SEPA mandates from the `SEPA_MANDATE` table belonging to Financial Accounting are automatically selected for the company codes that you specified when defining the migration scope.

Additional selection criteria:

- `ANWND` is set to **F** (Financial Accounting)
- `MVERS` is set to **0** (Current version)
- `SND_TYPE` is set to **BUS3007** (Customer payer ID)
- `REF_ID` is set to **space** (Blank contract ID)

> **i Note**
>
> For the selection criteria listed above, the company codes are stored in the *Recipient ID* field of the `SEPA_MANDATE` table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Payer information
- Payment recipients
- Use data for SEPA mandates with the Active status

> **i Note**
>
> After migration, the system treats a SEPA mandate with blank use data as a new (first use) mandate. During a payment run (F110), all related fields are updated for new mandates, thereby possibly increasing the processing time of payment instructions. To avoid an increase in processing time, this object migrates use data for SEPA mandates with an active status from the source ERP system to the target SAP S/4HANA system. During the migration, document numbers and dates remain unchanged. For the purpose of easy identification, the ID number of the *Payment Run of First Use* field is migrated with the value **CNV_MC_MIG**.

Out of Scope

- Previous versions of SEPA mandates
- One-time SEPA mandates where the sender type (business object) is **Accounting Document Line Item** (BSEG).
- Internal number range

> **i Note**
>
> Validation of dependencies (such as customer and bank data business objects) is not carried out during migration of SEPA mandate data for these statuses:
>
> - Canceled
> - Locked
> - Obsolete
> - Completed

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Customer
- FI - Bank account

Before migration, check in the source ERP system if a SEPA mandate that is used in the payment details of an FI-TRM transactions has any of the following statuses:

- Canceled
- Locked
- Obsolete
- Completed

If the statuses listed above are present, please change the status to "Entered" or "To Be Confirmed" for that SEPA mandate in the **SEPA Mandate Status** mapping task.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_SEPA_MDT` (Authorization for Processing a Global SEPA Lock)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_AR_SEPA_MANDATE`

Virtual Tables

`USE_SEPA_MANDATE`: To process the SEPA mandate use data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate SEPA Mandate	All instances of this migration object are relevant to the transfer option.	Create SEPA Mandate	Creates a SEPA mandate in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Mandate Ref.	Not relevant	`SEPA_MANDATES_API_MIG_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

You can update use data manually using the FSEPA_M4 transaction code.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FSEPA_M2
Display	FSEPA_M3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.60 Fixed asset (including balance)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate legacy data for fixed assets from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Fixed Asset**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Fixed Assets* Component: FI-AA
Business Object Type	Master data and transactional data
Business Object Definition	A fixed asset is an object, a right, or another item owned by the enterprise that is intended for long-term use, and can be identified individually in the balance sheet. The development of the values of an asset can be viewed for the asset as a whole, or can be viewed for the asset's component parts (subnumbers). Example: Fixed asset "printing press" with asset components "rollers" and "replacement spindle".
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All fixed assets from the `ANLA` table, which do not have a deactivation date, are automatically selected for the company codes you specified when defining the migration scope .

In Scope

The following data is set for migration to SAP S/4HANA:

- Master details
- Inventory
- Posting information
- Time-dependent data
- Allocations
- Origin
- Account assignments for investment
- Net worth valuations
- Real estate and similar rights
- Depreciation areas
- Investment support keys
- Cumulative values
- Posted values
- Transactions
- Proportional values on transactions
- Assets under Construction (AuC)

Time of Transfer

- If you transfer balances at the end of a fiscal year, this migration object transfers the accumulated acquisition cost and the accumulated depreciation values.
- If you transfer balances during a fiscal year, this migration object transfers:
  - The accumulated acquisition cost
  - Accumulated depreciation values
  - Transactions dated from the beginning of the fiscal year until the transfer date

  By default, the posted depreciation from the beginning of the fiscal year until the transfer date is transferred.

Assets under Construction (AuC)

- AuC open items are transferred with the transaction type "900".
- Down payments for AuC are transferred with the transaction type "910".
- AuC line items and assigned documents are transferred to the target system.
- Credit memos with the transaction type "105" and containing negative values are migrated with the transaction type "100". The BAPI does not accept negative values.
- The migration object posts cumulative values as transactions since cumulative values are not allowed for AuC.

Out of Scope

- AuC that are 100% settled in the source system
- Down payments for AuC that are already cleared in the source system
- Insurance data
- Retirement data
- Investment measures
- Assets with blank capitalization dates

> **i** Note
>
> If a depreciation is defined to take over acquisition values from other depreciation areas (Areas 15, 31, and 33, for example, take over values from Area 01 and 32), and you transfer the acquisition values, the system ignores the acquisition values. For the depreciation areas 31 and 33, the system derives the values from the leading depreciation area (01, 32). Therefore, you do not need to transfer cumulative values for these depreciation areas.

Prerequisites

Source System

Before you can start the migration process, for example, ensure the following Customizing in the source system:

- You have completed the Balance Carry Forward process using the FAGLGVTR transaction.
- You have closed the previous fiscal year in Asset Accounting.
- You have only one fiscal year open in the system for Asset Accounting.

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- You have made the settings for the relevant depreciation areas. These settings determine the type of data migrated from the source system. The migration is successful only if the values are compatible with the depreciation area settings. Depreciation area Customizing should match in the sender and target systems.
- You have defined the offsetting account for legacy data transfer (asset balance sheet account) for Asset Accounting in the **Define Offsetting Account for Legacy Data Transfer** activity.
- You have specified the transfer date, the document type, and the legacy data transfer status.
- If you want to do a year-end migration, you have set the **Transfer Year Information** mapping task to the value "**X**". , If you want to do a mid-year migration, you have set the value in the mapping task as blank.
- You have set the transfer date in the target system as the last day of the month in the mid-year migration scenario. For example, if you want to set the transfer date in the month of November 2023, you need to set the date to November 30, 2023.
- You have set the transfer date in the target system as the last day of the fiscal year in the year-end migration scenario.

- You have closed the previous fiscal year in Asset Accounting.
- You have confirmed that the last closed fiscal year in the target system matches the last closed fiscal year in the source system.
- You have confirmed that the current open fiscal year in the target system matches the current open fiscal year in the source system.
- You have only one fiscal year open in the system for Asset Accounting.

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Cost center
- CO - Internal order
- FI - G/L account
- PS - Project
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`A_A_VIEW` (Asset: View)

`A_S_ANLKL` (Asset Master Data Maint: Company Code/Asset Class)

`A_S_KOSTL` (Asset Master Record Maintenance: Company Code/Cost Center)

`A_S_GSBER` (Asset Master Data Maintenance: Company Code/Business Area)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_AA`

Virtual Tables

- `CUMULATEDVALUES`: To store cumulative values
- `POSTEDVALUES`: To store posted values
- `TRANSACTIONS`: To store transactions values
- `PROPORTIONALVALU`: To store proportional values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Asset	All instances of this migration object are relevant to the transfer option.	Create Asset with Balances	Creates assets and asset balances in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Main Asset Number • Sub Asset Number	Display Asset Master Worklist (app ID F1592)	`BAPI_FIXEDASSET_OVRTAKE_CREATE`
		Post to Asset (AuC)	Posts a value to the asset under construction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_OT_APPL_PE_S4_WRAP_ASSET`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_PE_S4_WRAP_ASSET`

APIs/BAPIs

`BAPI_FIXEDASSET_OVRTAKE_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

To ensure that the legacy data transfer is carried out completely, reconcile the data in the target system with the data in your source system. Ensure that you reconcile the legacy data transfer and the corresponding lists for documentation purposes before you release the SAP system to run operations in Asset Accounting.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	AS02
Display	AS03

Further Information

For more information about how to reconcile data, see SAP Note 2304473.

For more information about Balance Carry Forward, see SAP Note 2427888.

For more information about legacy data transfer in SAP_FIN 720 and relevant releases, see SAP Note 2208321.

Available Migration Objects [page 2] in SAP S/4HANA.

1.61 TRM - Condition detail

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate condition data for a TRM transaction from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Deposit at Notice, Interest Rate Swap, Cap/Floor**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Derivatives* > *Trading* > *Edit Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Master data
Business Object Definition	A condition is a contractually agreed element of a financial transaction or financial instrument. It describes the structure of the transaction in terms of the period and amount (interest, repayment, and so on).
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Relevant conditions are automatically selected from the `VTBFINKO` table for the company codes you specified when defining the migration scope.

Selection criteria for conditions:

- Conditions for product categories "610", "620", and "520"
- Contracts for product category "520" with these active activity categories: "Contract" ,"Settlement", "Rollover", "Rollover Settlement"
- Contracts for product categories "610" and "620"with these active activity categories : "Contract" or "Settlement"

In Scope

The following data is set for migration to SAP S/4HANA:

- Creation of new conditions
- Modification of existing conditions

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Conditions types and flow types
- Factory calendars relevant for Treasury
- Cash flow calculation set to "Parallel Condition" under product types for premium conditions

You have migrated or defined settings in the following migration objects:

- TRM - Cap/Floor
- TRM - Interest rate swap
- TRM - Commercial paper
- TRM - Deposit at notice

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_CONDITION_DETAIL`

Virtual Tables

- `FLTR_COND_DATA`: To store condition details
- `SINGLE_DATES`: To store single dates for the conditions
- `FORMULAVARIABLES`: To store formula variables for the conditions

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Condition Details	All instances of this migration object are relevant to the transfer option.	Update Conditional Details	Updates the condition details for a financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_OT_APPL_FI_TRM_COND_DETAIL`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_FI_TRM_COND_DETAIL`

APIs/BAPIs

- `BAPI_FTR_CONDITION_CREATE`
- `BAPI_FTR_CONDITION_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.62 TRM - Facility

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bilateral facility data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Facility**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Money market* > *Trading* > *Create Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	Facilities are agreements between a lender and a borrower, which control the general conditions for a series of drawings against a credit line. The lender can give drawing authorization to several people (= borrowers), who are entitled to draw varying amounts at any time up to the total approved credit line. The utilization of this credit option for a facility is called a drawing.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Bilateral facility transactions with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant transactions from the `VTBFHA` table are automatically selected for the company codes that you specified when defining the migration scope.

> **i Note**
>
> This object is relevant to the creation of a facility transaction. This migration object must be migrated before you can assign any other money market transactions to this facility.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structures
- Profiles
- Rules
- Administration data
- Other flows
- Payment details

Out of Scope

- Charges data
- Correspondence data
- Syndicated facility data
- Trade repository data

> **i** Note
>
> You can simulate only the **Create a facility transaction** feature.
>
> The settlement of the facility transaction is out of scope for simulation
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Conditions types and flow types
- Product types, transaction types, and update types
- Position management and links to accounting components
- All cash flows until the migration cut-off date are posted to Financial Accounting

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- CO - Cost center
- CO - Profit center
- FI - House bank
- FI - SEPA mandate

> **i** Note
>
> Before migration, ensure that for each rule category on the *Rules* tab, each value in the source system has a unique and corresponding value in the target system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`B_BUPA_GRP` (Business Partner: Authorization Groups)

`B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)

`B_BUP_PCPT` (Business Partner: Purpose Completed)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`T_POS_ASS` (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_FACILITY`

Virtual Tables

- `VTB_RULESET_ALL`: To store the *All* indicator information for a rule category in the Facility transaction.
- `VTB_RULESET_TAB`: To store details of the **Rules** tab in the Facility transaction.
- `VTB_ASGN_LIMIT_TAB`: To store the credit limit values for the Facility transaction.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Facility	All instances of this migration object are relevant to the transfer option.	Create a Facility Transaction	Creates the facility transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	BAPI_FTR_FAC_DEALCREATE
		Settle Facility Transaction	Settles the facility transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	BAPI_FTR_FAC_SETTLE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the Flag Flows as Posted check box. This transaction enables the generation of posting logs. In the FI area, you can see the accounts to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

Valuation areas: With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost or accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.63 TRM - Fixed term deposit

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate fixed term deposit data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Fixed Term Deposit**

Business Object Component/Area	User Menu Path: *Accounting* > *Treasury* > *Treasury Management* > *Money Market* > *Trading* > *Fixed Term Deposit* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	An amount of money invested or borrowed at a fixed rate for an agreed term, which is defined when the transaction is concluded.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Fixed term deposits with the active activity categories **Contract** and **Settlement** are relevant for migration .The relevant fixed term deposits data from the `VTBFHA` table is automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administration data
- Contracts
- Contract settlements
- Other flows
- Payment details
- Cash flows

Out of Scope

- Concluded transactions
- Offer transactions
- Replaced transactions
- Reversed transactions
- Simulation transactions

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, carry out the following Customizing in the target system:

1. Currency type and currency key of the controlling area assigned to the source and target company codes must match
2. Currency keys assigned to currency types belonging to different organizational units must be the same in the source and target systems
3. Create business partners, assign the corresponding roles to these partners, and define authorizations for relevant transactions.
4. Set the standing instructions (correspondence and payment details) and release the business partner.
5. Define the product type.

   > **i Note**
   >
   > If you don't want to use one of the standard product types delivered with the systems, you can define your own product types.
   >
   > You create financial transactions and manage positions based on product types. A fixed-term deposit is an example of a product type in the Money Market area.

6. Define the transaction type

   > **i Note**
   >
   > Transaction types determine the type of transactions that can be concluded with a particular product type. Transaction types also control the transaction and position management process. An example of this is an investment or the borrowing of fixed-term deposits.

7. Define the flow type. Flow types describe the changes to the cash flows.
8. Assign flow types to transaction types.
9. Define the condition type. This setting controls the structural characteristics that are displayed when you create transactions. Example: Nominal Interest

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- FI - SEPA mandate

Roles and Authorizations

Source System

F_T_TRANSB (Treasury: Transaction Authorization)

T_DEAL_PD (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

F_T_TRANSB (Treasury: Transaction Authorization)

B_BUP_PCPT (Business Partner: Purpose Completed)

B_BUPA_GRP (Business Partner: Authorization Groups)

B_BUPA_PGM (Grouping Characteristic for SAP BP-FS)

T_DEAL_PD (Authorization for Product/Transaction Types)

T_DEAL_PF (Portfolio Authorization)

T_POSS_ASS (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: S4_FI_TRM_FIXED_TERM_DEPOSIT

Virtual Tables

- IRATEFTD: To store information about interest rate data
- CONDITIONS: To store information about conditions data
- SINGLEDATE: To store information about single date data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Fixed Term Deposit	All instances of this migration object are relevant to the transfer option.	Create Fixed Term Deposit	Creates the fixed term deposit in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Financial Transaction • Company Code	Not relevant	`BAPI_FTR_FTD_DEALCREATE`
		Settle Fixed Term Deposit	Settles the fixed term deposit in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.

4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before the migration process. Please note that the information related to flows is already included in the balance sheet, which was migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction, which was created in the receiver system during migration, needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. In the FI area, you can see the accounts to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	TM02
Display	TM03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.64 TRM - FX option

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate FX option (foreign exchange option) data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Foreign Exchange Option**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Foreign Exchange* > *Trading* > *Forex Fast Entry* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	The FX option is an option on an FX transaction and is used as protection from currency fluctuations. The purchaser of a standard FX option has the right to buy a fixed amount of currency on the exercise date at a previously agreed rate.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

FX option contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant FX option contract data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Underlying data
- Administration data
- Other flows
- Payment details
- Contracts converted from Order to Contract

Out of Scope

- Orders
- Fixing
- Knock-in, Knock-out transactions

> **i** Note
>
> You can simulate only the **Create an FX option transaction** feature.
>
> The settlement feature for the FX option transaction is out of scope for simulation:
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target system
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Conditions types and flow types
- Product types, transaction types, and update types
- Position management and links to accounting components
- All cash flows until the migration cut-off date are posted to Financial Accounting

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Profit center
- FI - House bank
- FI - SEPA mandate
- TRM - Business partner role

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`B_BUP_PCPT` (Business Partner: Purpose Completed)

`B_BUPA_GRP` (Business Partner: Authorization Groups)

`B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`T_POS_ASS` (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_FX_OPTIONS`

Virtual Tables

`FOREX`: To store details of the fields in the Forex structure.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate FX option	All instances of this migration object are relevant to the transfer option.	Create FX Option	Creates the FX option in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_FXOPTIONS_DEALCREATE`

	Settle FX Option	Settles the FX option in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	BAPI_FTR_SETTLE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. In the FI area, you can see the accounts to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

Valuation areas: With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost, and accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.65 TRM - Foreign exchange collar contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate foreign exchange collar contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Foreign Exchange Collar Contract**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Foreign Exchange* > *Trading* > *Currency Option Entry - Spread* Component: FIN-FSCM-TRM
Business Object Type	Transactional data
Business Object Definition	A collar FX option involves the purchase of a call option and the sale of a put option, or vice versa.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

FX collar contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant FX collar contract data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Underlying data
- Administration data
- Contracts
- Contract settlements
- Contracts converted from Order to Contract

> **i Note**
>
> Contracts with the status Terminate, Give Notice, Exercise, or Expiration are not migrated.

> **i Note**
>
> This migration object only migrates foreign exchange collar contracts and does not migrate payment details or additional flows. Hence, migrate this object before you migrate the **TRM - Additional flow** and **TRM - Payment detail objects**.

Out of Scope

- Order transactions
- Fixing transactions
- Correspondence data
- Trade repository data
- Default risk limit data
- Analysis parameter data
- Knock-in, Knock-out transactions

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Product types, flow types and update types
- Position management and links to accounting components
- Cash flows until the migration cut-off date need to be posted to Financial Accounting

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Profit center
- TRM - Business partner role

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

- `F_T_TRANSB` (Treasury: Transaction Authorization)
- `B_BUP_PCPT` (Business Partner: Purpose Completed)
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)

- `T_DEAL_PD` (Authorization for Product/Transaction Types)
- `T_POS_ASS` (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_FX_COLLAR_CONTRACT`

Virtual Tables

- `FOREX`: To store amount data of mirror transactions, which is a part of the FX collar contract.
- `CONTRACTDATA`: To store contract data of mirror transactions, which is a part of the FX collar contract.

Note that the virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Foreign Exchange Collar Contract	All instances of this migration object are relevant to the transfer option.	Create FX Collar Contract	Creates a foreign exchange collar contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code 1 • Financial Transaction 1 • Company Code 2 • Financial Transaction 2	Not relevant	`BAPI_FTR_CREATE_FXCOLLAR`

Settle Financial Transaction 1	Settles the first financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	BAPI_FTR_SETTLE
Settle Financial Transaction 2	Settles the second financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	CNV_OT_APPL_PE_S4_WRAP_SETTLE

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_OT_APPL_PE_S4_WRAP_SETTLE

APIs/BAPIs

`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. You can see the accounts in the FI area to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

Valuation areas: With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost or accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT

Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.66 TRM - Foreign exchange swap contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate foreign exchange swap contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs)

Related Business Object: **Foreign Exchange Swap Contract**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Foreign Exchange* > *Trading* > *Create Forex Swap* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	The combination of a spot transaction and a forward transaction in the opposite direction (that is, where a currency is sold spot and purchased forward simultaneously). The currency amount sold in the spot transaction is repurchased when the forward transaction matures. Two currencies are swapped at a price previously agreed for the period between the settlement dates of the two transactions. The rate of the forward transaction is based on the rate of the spot transaction and the swap rate for the interval between the two settlement dates.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Foreign exchange swap contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant foreign exchange swap contract data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administrative data
- Contracts
- Contract settlements
- Contracts converted from Order to Contract

> **i** Note
>
> Transactions with the Rollover, Premature Settlement, or Expiration statuses are not migrated.

> **i** Note
>
> This migration object only migrates forex swap contracts and does not migrate payment details or additional flows. Hence, migrate this object before you migrate the **TRM - Additional flow** and **TRM - Payment detail** objects.

Out of Scope

- Orders
- Fixing data
- FX hedge management data
- Default risk limits

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Factory calendars relevant for Treasury
- Product types, flow types and update types
- Position management and links to accounting components
- Relevant securities accounts

You have migrated or defined settings in the following migration objects:

- CO - Profit center
- CO - Cost center
- TRM - Business partner roles

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `F_T_TRANSB` (Treasury: Transaction Authorization)
- `B_BUP_PCPT` (Business Partner: Purpose Completed)
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)
- `T_DEAL_PD` (Authorization for Product/Transaction Types)
- `T_POS_ASS` (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_FX_SWAP_CONTRACT`

Virtual Tables

`AT_VTBFHA`: To store swap transaction data

Note that virtual tables do not exist in the database..

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Foreign Exchange Swap Contract	All instances of this migration object are relevant to the transfer option.	Create FX Swap Contract	Creates the foreign exchange swap contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction 1 • Financial Transaction 2	Not relevant	`BAPI_FTR_FXT_CREATESWAP`
		Settle Financial Transaction 1	Settles the first financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

	Settle Financial Transaction 2	Settles the second financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	CNV_OT_APPL_PE_S4_WRAP_SETTL

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_PE_S4_WRAP_SETTLE`

APIs/BAPIs

BAPI_FTR_SETTLE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows..

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. You can see the accounts in the FI area to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

Valuation areas: With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost or accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.67 TRM - Investment certificate

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate investment certificate contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This

migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Investment Certificate**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Securities* > *Trading* > *Create Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	An investment certificate is a share in a fund, which is managed by an investment trust. The owner of the share gets dividends but does not have other rights. Some investment funds communicate and pay their dividends in a monthly or yearly rhythm and others communicate their dividends, for example, per day (=accrued dividend) but pay monthly the sum of the accrued dividends (=accumulated dividend).
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Investment certificate contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant investment certificate contract data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Trading data
- Administration data
- Other flows
- Payment details

Out of Scope

- Default risk limit data
- Analysis parameter data
- Correspondence data
- Trade repository data

> **i** Note
>
> Cash flows generated from corporate actions, security account transfers, security rights, or any other back office actions are not migrated to the target system. You need to manually update this information in the target system after migration.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in the source and target systems
- Valuation areas for specified company codes and initialization of parallel valuation areas
- Factory calendars relevant for Treasury
- Product types, flow types, and update types
- Position management and links to accounting components
- Relevant securities accounts

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- TRM - Security class
- FI - SEPA mandate
- FI - House bank

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

- `B_BUP_PCPT` (Business Partner: Purpose Completed)
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)
- `B_BUPA_RLT` (Business Partner: BP Roles)
- `F_T_TRANSB` (Treasury: Transaction Authorization)
- `T_DEAL_DP` (Authorization for Securities Account)
- `T_DEAL_PD` (Authorization for Product/Transaction Types)
- `T_DEAL_PF` (Portfolio Authorization)
- `T_DEAL_AG` (Authorization for an Authorization Group)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_INVESTMENT_CERTIFICATE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Investment Certificate	All instances of this migration object are relevant to the transfer option.	Create Security Transaction	Creates a security transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Financial Transaction • Company Code	Not relevant	`BAPI_FTR_SECURITY_DEALCREATE`

Settle Security Transaction	Settles the security transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. You can see the accounts in the FI area to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	TS02
Display	TS03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.68 TRM - Letter of credit

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate letter of credit data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Letter of Credit**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Trade Finance* > *Trading* > *Create Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Master data

Business Object Definition	A letter issued by a bank to obtain payment for goods. When a letter of credit is confirmed, the advising bank guarantees payment only if all stipulations in the letter of credit are conformed to exactly.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects all financial transaction data from the `VTBFHA` table .

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administration data
- Presentation data
- Other flows
- Payment details
- Contracts
- Contract settlements

Out of Scope

- Collateral data
- Cash flows
- Memos
- Partner assignment data
- Default risk limits
- Status information

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system. Proceed as follows:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in the source and target systems
- Create business partners, assign the corresponding roles to these partners, and define authorizations for the relevant transactions.
- Set the standing instructions (correspondence and payment details) and release the business partner.
- Define the product type.

  > **i Note**
  >
  > If you don't want to use a standard product type delivered with the system, you can define your own product types.

- Define the transaction type.

  > **i Note**
  >
  > Transaction types determine the type of transactions that can be concluded with a particular product type. Transaction types also control the transaction and position management process.

- Define the flow type. Flow types describe the changes to the cash flows.
- Assign flow types to transaction types.
- Define the condition type. This setting controls the structural characteristics that are displayed when you create transactions.

You have migrated or defined settings in the following migration objects:

- SD - Sales order (only open SO)
- MM - Purchase order
- TRM - Business partner role
- FI - SEPA mandate
- SD - Sales order

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)
- `B_BUP_PCPT` (Business Partner: Purpose Completed)
- `T_DEAL_PF` (Portfolio Authorization)
- `T_DEAL_PD` (Authorization for Product/Transaction Types)
- `T_DEAL_AG` (Authorization for an Authorization Group)
- `T_DEAL_LC` (Authorization for Letter of Credit)

- F_T_TRANSB (Treasury: Transaction Authorization)

Note that the information given here is not exhaustive.

FTR_LC_NUMBER (Letter of Credit Number)

Target System

To carry out the migration, assign the following authorization objects to the user:

- B_BUPA_GRP (Business Partner: Authorization Groups)
- B_BUPA_PGM (Grouping Characteristic for SAP BP-FS)
- B_BUPA_RLT (Business Partner: BP Roles)
- T_DEAL_DP (Authorization for Securities Account)
- T_DEAL_PD (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: S4_FI_TRM_LETTER_OF_CREDIT

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Letter of Credit	All instances of this migration object are relevant to the transfer option.	Create Letter of Credit	Creates the letter of credit in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Financial Transaction • Company Code	Not relevant	BAPI_FTR_LC_DEALCREATE

	Settle Letter of Credit	Settles the letter of credit in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	BAPI_FTR_SETTLE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_CHANGE
Display	FTR_DISPLAY

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.69 TRM - Main flow detail

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate main flow data for a TRM transaction from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Objects: **Bank Guarantee, Letter of Credit, Deposit at Notice**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Money Market* > *Trading* > *Edit Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	Nominal amount increases or decreases in the term.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Relevant main flow information is automatically selected from the `VTBFHAPO` table for the company codes you specified when defining the migration scope.

Selection criteria for main flow information:

- Main flows for product categories "850", "860", and "520"
- Contracts for product categories "850" and "860" with these active activity categories "850" and "860": "Contract", "Settlement"
- Contracts for product category "520" with these active activity categories: "Contract", "Settlement", "Rollover", "Rollover Settlement"
- Areas of flow or conditions are "`HPTA`" or "`NOMA`"

In Scope

The following data is set for migration to SAP S/4HANA:

Creation of additional main flows

Out of Scope

Exclusive indicator

Month-end indicator

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Flow types
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems

You have migrated or defined settings in the following migration objects:

- TRM - Bank guarantee
- TRM - Deposit at notice
- TRM - Letter of credit

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`F_T_TRANSB` (Treasury: Transaction Authorization)

`B_BUP_PCPT` (Business Partner: Purpose Completed)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_MAINFLOW_DETAIL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Main Flow Details	All instances of this migration object are relevant to the transfer option.	Create Main Flow Details	Creates main flow details for a financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_MAINFLOW_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.70 TRM - Interest rate swap

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate interest rate swap contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Interest Rate Swap**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Derivatives* > *Trading* > *Create Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transaction data
Business Object Definition	An exchange transaction with a term of more than one year, based on different interest rates using the same currency. In the SAP system, the exchange of fixed for variable interest rates, or of variable interest rates for variable interest rates, can be represented on the basis of different interest rates.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Interest rate swap contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant interest rate swap contracts from the `VTBFHA` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administration data
- Additional main flows

> **i Note**
>
> To migrate the complete interest rate swap contract data, ensure that these migration objects are defined in the same project:
>
> - TRM - Additional flow
> - TRM - Condition detail
> - TRM - Payment detail

Out of Scope

- Terminated transactions
- Reversed transactions
- Order activities
- Default Risk limit
- Trade repository
- Exclusive indicator and month-end indicator in main flow

> **i Note**
>
> If you have multiple steps for migration, you can simulate only the contract data feature.
>
> The following features are out of scope for simulation:
>
> - Main flow
> - Settlement
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

> **i Note**
>
> Interest rate adjustments are not migrated to the target system. You need to manually update this information in the target system after migration.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match.
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Factory calendars relevant for Treasury
- Product types, flow types, and update types
- Position management and links to accounting components
- House banks

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- CO - Cost center
- CO - Profit center

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`F_T_TRANSB` (Treasury: Transaction Authorization)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`T_DEAL_PF` (Portfolio Authorization)

`T_POS_ASS` (Assign Attributes to Positions)

`T_DEAL_AG` (Authorization for an Authorization Group)

`F_T_TRANSB` (Treasury: Transaction Authorization)

`B_BUPA_RLT` (Business Partner: BP Roles)

`B_BUPR_BZT` (Business Partner Relationships: Relationship Categories)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_INT_RATE_SWAP`

Virtual Tables

`OTCINTRATESWAP`: To store the details of the interest rate swap structure.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Interest Rate Swap	All instances of this migration object are relevant to the transfer option.	Create IR Swap Transaction	Creates the interest rate swap transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	BAPI_FTR_SWAP_CREATE
		Update Main Flow Details	Updates the main flow details for transactions in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_OT_APPL_FI_TRM_MF_IRS
		Settle IR Swap Transaction	Settles the interest rate swap transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	BAPI_FTR_SETTLE

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_OT_APPL_FI_TRM_MF_IRS

APIs/BAPIs

- BAPI_FTR_MAINFLOW_CHANGE

- `BAPI_FTR_MAINFLOW_CREATE`
- `BAPI_FTR_MAINFLOW_GETLIST`
- `BAPI_TRANSACTION_COMMIT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost, or accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.71 TRM - Payment detail

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate payment detail for a TRM transaction from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cap/Floor, Commercial Paper, Deposit at Notice, Interest Rate Swap, Foreign Exchange Swap Contract, Foreign Exchange Collar Contract**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Money Market* > *Trading* > *Edit Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	Data that is required for making transactions with your business partner.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Relevant payment details are automatically selected from the `VTBZV` table for the company codes you specified when defining the migration scope.

Selection criteria for payment details:

- Payment details for product category "520", "530", "600","610", "620", and "760"
- Contracts for product categories "530", "600", "610", "620", and "760" with these active activity categories: "Contract", "Settlement"
- Contracts for product category "520" with these active activity categories: "Contract", "Settlement", "Rollover", "Rollover Settlement"

In Scope

The following data is set for migration to SAP S/4HANA:

Payment details under Create

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- House banks
- Product types, flow types, and update types
- Business partner

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- FI - House bank
- FI - SEPA mandate
- TRM - Cap/Floor
- TRM - Commercial paper
- TRM - Deposit at notice
- TRM - Interest rate swap
- TRM - Foreign exchange swap contract
- TRM - Foreign exchange collar contract

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`B_BUP_PCPT` (Business Partner: Purpose Completed)

`B_BUPA_GRP` (Business Partner: Authorization Groups)

`B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)

`T_POS_ASS` (Assign Attributes to Positions)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_PAYMENT_DETAILS`

Virtual Tables

`FLTR_PAY_DATA`: To store payment details

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Payment Details	All instances of this migration object are relevant to the transfer option.	Create Payment Details	Creates payment details for a financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_PAYDET_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.72 JVA - Cost center suspense

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost center suspense data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Cost Center Suspense**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Suspense* > *Suspense Cost Center* Component: CA-JVA
Business Object Type	Master data
Business Object Definition	If a partner, or equity group, or cost object is suspended, cutback postings are not executed. When you remove the project, partner, cost object or equity group from suspense, cutback processes all expenses incurred during suspense. Suspended partners do not receive an invoice. When partners are removed from suspense, they receive an invoice that includes expenses for the complete period of suspense. Suspense: When you place an object in suspense, all summary records with billable RI and one of the objects above in suspense are transferred to a suspense Recovery Indicator. The billable records are balanced to zero and are therefore not subject to cutback. Unsuspense: When you remove an object from suspense, all summary records with suspense recovery indicator of the unsuspended objects are transferred to a billable record. The suspended records are balanced to zero. The billable records are then cutback in the unsuspense period.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All cost center suspense records from the `T8J_SUS_CC` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Suspense cost center data
- Unsuspense cost center data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Joint Venture Accounting is active in the target client
- Joint Venture is active for the relevant company code and cost center
- Joint venture and cost center master data is maintained or migrated

You have migrated or defined settings in the **CO - Cost center** migration object:

Roles and Authorizations

Source System

Not relevant

Target System

To migrate cost center suspense data, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_JVA_COST_CENTER_SUSPENSE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Center Suspense	All instances of this migration object are relevant to the transfer option.	Suspend Cost Center	Suspends the cost center in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Cost Center	Not relevant	`DMC_MIG_JVA_COST_CENTER_SUSP`
		Unsuspend Cost Center	Unsuspends the cost center in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected cost center is unsuspended in the source system.	Not relevant	Not relevant	`DMC_MIG_JVA_COST_CENTER_UNSUSP`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJ_SUS_CC
Display	GJ_SUS_CC_DISP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.73 JVA - Order suspense

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate order suspense data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Order Suspense**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Suspense* > *Suspense Order* Component: CA-JVA
Business Object Type	Master data
Business Object Definition	If a partner, equity group, or cost object is suspended, cut-back postings are not executed. When you remove the project, partner, cost object or equity group from suspense, cutback processes all expenses incurred during suspense. Suspended partners do not receive an invoice. When partners are removed from suspense, they receive an invoice that includes expenses for the complete period of suspense.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All order suspense records from the `T8J_SUS_ORD` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Suspense order data
- Unsuspense order data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Joint Venture Accounting is active in the target client

- Joint Venture is active for the relevant company codes
- Internal order transactional data is maintained or migrated

You have migrated or defined settings in the **CO - Internal order** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign table maintenance or table access authorizations and enter relevant values for the migration user.

Technical Information

Name of this migration object: `S4_JVA_ORDER_SUSPENSE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Order Suspense	All instances of this migration object are relevant to the transfer option.	Suspend JV Order	Suspends the JV order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Order Number	Not relevant	`DMC_MIG_JVA_ORDER_SUSPENSE`

	Unsuspend JV Order	Unsuspends the JV order in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected JV order is unsuspended in the source system	Not relevant	Not relevant	DMC_MIG_JVA_ORDER_UNSUSPEND

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJ_SUS_ORD
Display	GJ_SUS_ORD_DISP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.74 JVA - Joint operating agreement (step 1)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate joint operating agreement data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Joint Operating Agreement**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Joint Operating Agreement* Component: CA-JVA
Business Object Type	Master data
Business Object Definition	A joint operating agreement contains the contractual agreements between joint venture partners. Joint venture and equity groups are linked with each other via the equity type and assigned within a joint operating agreement..
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All joint operating agreements from the `T8JU` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Joint operating agreements
- Descriptions for joint operating agreements
- Equity groups at the JOA level
- Partners at the JOA level
- Producing statistical ratio assignments
- Producing statistical ratio thresholds
- Drilling statistical ratios
- Overhead burden rate percentages
- Recovery percentages for penalty categories

Out of Scope

- Overhead offsets for cost centers
- Stepped rate overheads

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Overhead rate types
- Number ranges
- Joint Operating Agreement matches the Customizing in the source system
- Joint Venture Accounting is active

You have migrated or defined settings in the following migration objects:

- JVA - Joint venture partner
- CO - Statistical key figure

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`J_JVA_JOA` (Joint Venture Accounting: Joint Operating Agreement Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_JVA_JOINT_OPERATING_AGREEMENT`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Joint Operating Agreement	All instances of this migration object are relevant to the transfer option.	Create Joint Operating Agreement	Creates the joint operating agreement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Joint Operating Agreement	Not relevant	`DMC_MIG_JVA_JOA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJA2
Display	GJA3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.75 JVA - Joint venture partner

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate joint venture partner data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **JV Partners**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Business Partners* > *JV Partners* Component: CA-JVA
Business Object Type	Master data

Business Object Definition	The joint venture (JV) partner defines the equity group of a venture. Before you can set up an equity group, you need to create a JV partner.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All JV partners from the `T8JO` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

JV partners

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Inter-company codes
- Joint Venture Accounting is active in the target client
- Joint Venture is active for the relevant company codes
- Customer master data is maintained or migrated

You have migrated or defined settings in the **Customer** migration object

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`J_JVA_PRC` (Joint Venture Accounting: Processing)

`F_KNA1_BUK` (Customer: Authorization for Company Codes)

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_JVA_JOINT_VENTURE_PARTNER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Joint Venture Partner	All instances of this migration object are relevant to the transfer option.	Create Joint Venture Partner	Creates the joint venture partner in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • JV Partner	Not relevant	`DMC_MIG_JVA_PARTNER`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJ23
Display	GJ2A

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.76 JVA - Project suspense

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate project suspense data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Project Suspense**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Suspense* > *Suspense Project* Component: CO-JVA
Business Object Type	Master data
Business Object Definition	If a partner, or equity group, or cost object is suspended, cutback postings are not executed. When you remove the project, partner, cost object or equity group from suspense, cutback processes all expenses incurred during suspense. Suspended partners do not receive an invoice. When partners are removed from suspense, they receive an invoice that includes expenses for the complete period of suspense. Suspense: When you place an object in suspense, all summary records with billable RI and one of the objects above in suspense are transferred to a suspense recovery indicator. The billable records are balanced to zero and are therefore not subject to cutback. Unsuspense: When you remove an object from suspense, all summary records with suspense recovery indicator of the unsuspended objects are transferred to a billable record. The suspended records are balanced to zero. The billable records are then cutback in the unsuspense period.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All projects from the `T8JP` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Suspense data
- Unsuspense data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Joint Venture Accounting is active
- Joint Venture Accounting is active for relevant company codes and WBS elements
- Joint venture data and WBS element data is present in the system

You have migrated or defined settings in the *PS - Project* migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To migrate project suspense data, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_JVA_PROJ_SUSPENSE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Project Suspense	All instances of this migration object are relevant to the transfer option.	Suspend JV Project	Suspends the JV project in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Order Number	Not relevant	DMC_MIG_JVA_PROJECT_SUSPENSE
		Unsuspend JV Project	Unsuspends the JV project in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected JV project is unsuspended in the source system	Not relevant	Not relevant	DMC_MIG_JVA_PROJECT_UNSUSPEND

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJ34
Display	GJ3A

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.77 JVA - Venture suspense

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate venture suspense data in Joint Venture Accounting (JVA) from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (BAPIs).

Related Business Object: **Venture Suspense**

Business Object Component/Area	User Menu Path: *Accounting* > *Joint Venture Accounting* > *Master Data* > *Suspense* > *Suspense Venture* Component: CA-JVA
Business Object Type	Master data

Business Object Definition	If a partner, or equity group, or cost object is suspended, cutback postings are not executed. When you remove the project, partner, cost object or equity group from suspense, then cutback processes all expenses incurred during suspense. Suspended partners do not receive an invoice. When partners are removed from suspense, they receive an invoice that includes expenses for the complete period of suspense. Suspense: When you place an object in suspense, all summary records with billable RI and one of the objects above in suspense are transferred to a suspense Recovery Indicator. The billable records are balanced to zero and are therefore not subject to cutback. Unsuspense: When you remove an object from suspense, all summary records with suspense recovery indicator of the unsuspended objects are transferred to a billable record. The suspended records are balanced to zero. The billable records are then cutback in the unsuspense period.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All venture suspense records from the `T8J_SUS_VENTURE` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Suspense venture data assigned to the specified company codes
- Unsuspense venture data assigned to the specified company codes

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Joint Venture Accounting is active in the target client
- Joint Venture is active for the relevant company codes and ventures
- Joint venture master data is maintained or migrated

You have migrated or defined settings in the following migration object:

JVA - Joint venture master (step 1)

Roles and Authorizations

Source System

Not relevant

Target System

To migrate venture suspense data, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_JVA_VENTURE_SUSPENSE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Venture Suspense	All instances of this migration object are relevant to the transfer option.	Suspend JV Venture	Suspends the JV venture in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • JV Venture Name	Not relevant	DMC_MIG_JVA_VENTURE_SUSPENSE
		Unsuspend JV Venture	Unsuspends the JV venture in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected JV venture is unsuspended in the source system	Not relevant	Not relevant	DMC_MIG_JVA_VENTURE_UNSUSPEND

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	GJ_SUS_VE
Display	GJ_SUS_VE_DISP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.78 MM - Material inventory balance

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material inventory balance data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Inventory**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Inventory Management* > *Goods Movement* Component: MM-IM
Business Object Type	Transactional data

Business Object Definition	A detailed list of all objects in stock at a specific time, resulting from a physical inventory (stocktaking process).
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all materials from the `MARC` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Material document header data
- Material document items
- Stock types:
  - Unrestricted use stock (" ")
  - Stock in quality inspection ("X")
  - Blocked stock ("S")
- Special stock indicators:
  - Parts provided to vendor ("O")
  - Customer consignment stock ("W")
  - Returnable transport packing stock to customer ("V")
  - Sales order stock ("E")
  - Project stock ("Q")
  - Vendor consignment stock ("K")
  - Returnable transport packing stock to vendor ("M")

> **i** Note
>
> - **Material Valuation:**: If materials have a standard price control indicator or a moving average price control indicator, the system migrates stock values from the following tables:
>   - Table `MBEW` - for material valuation
>   - Table `QBEW` – for project stock
>   - Table `OBEW` – for sales order stock
> - **Transaction or Event for Migration**
>   - GM_CODE = ‘05’ (Other Goods Receipts)
>   - Movement type = '561' (Initial Entry of Stock Balances)

Out of Scope

- User-defined fields
- Special stock indicators other than specified in the in-scope section
- Industry solution-specific fields
- Serial numbers
- Transactions/events:
  - GM_Code 01: Goods receipt for purchase order
  - GM_Code 02: Goods receipt for production order
  - GM_Code 03: Goods issue
  - GM_Code 04: Transfer posting
  - GM_Code 06: Reversal of goods movements
  - GM_Code 07: Subsequent adjustment with regard to a subcontract order
- Material document EWM references
- Service parts for SPM
- Item data for Catch Weight Management
- Print control for material documents
- Stocks in transit

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Batch unique at plant level
- Batch unique at material and client level
- FI - G/L account
- CO - Secondary cost element
- Product

Depending on your scenario, you have also migrated or defined settings in the following migration objects:

- **Supplier**: Migrate the **Supplier** migration object if the special stocks are:
  - Vendor consignment (“K”)
  - Returnable transport packing stock to vendor ("M”)
  - Parts provided to the vendor (“O”)
- **Customer**: Migrate the **Customer** migration object if the special stocks are:
  - Customer consignment stock (“W”)
  - Returnable transport packing stock to customer ("V”)
- **PS - Project**: Migrate the **PS - Project** migration object if the special stock is project stock (“Q”).
- **MM - Purchasing info record**: Migrate the **MM - Purchasing info record** migration object for the Consignment info category if the special stock is vendor consignment stock (“K”).
- **SD - Sales order**: Migrate the **SD - Sales order** migration object if the special stock is sales order stock (“E”).

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects or objects to the user:

`M_MSEG_BWA` (Goods Movements: Movement Type)

`M_MSEG_WWA` (Goods Movements: Plant)

`M_MSEG_LGO` (Goods Movements: Storage Location)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_STOCK`

Virtual Tables

`STKTAB` : To store the inventory data for a material

Note that virtual tables do not exist in the database.

System Actions

Batch-managed materials: If the target batch is set to blank in the batch mapping task, the system automatically creates batches during migration. However, the new batch does not have other batch-relevant information such as classification.

Posting date(YYYYMMDD) mapping tasks: The system picks up the posting date from the Posting Date(YYYYMMDD) mapping task for all inventory postings.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Material Inventory Balance	All instances of this migration object are relevant to the transfer option.	Create Material Inventory Balance	Creates the material inventory balance in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Document • Material Document Year	Material Document(app ID F1807)	`BAPI_GOODSMVT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Stock Overview	MMBE
List of Stock Values: Balances	MB5L
Material Document List	MB51

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.79 MM - Material variant

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material variant data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Material Variant**

Business Object Component/Area	User Menu Path: *Logistics* > *General* > *Material Master* Component: LO-VC
Business Object Type	Master data
Business Object Definition	A product variant of a configurable material. The material master record of a material variant contains assigned characteristic values.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects:

- All plant-specific material variants from the `MARC` table for the derived plants AND
- All cross-plant material variants from the `MARA` table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Cross-plant material variants
- Plant-specific material variants

> **i** Note
>
> Materials set for deletion in the source ERP system are not migrated.

Out of Scope

- Material variants with interval values
- Planning variant configuration

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Characteristic
- Class
- Product
- VC - Configuration profile

Roles and Authorizations

Source System

Not relevant

Target System

To migrate, assign the following authorization object or objects to the user:

`M_MATE_WRK` (Material Master: Plants)

`C_TCLA_BKA` (Authorization for Class Types)

`M_MATE_STA` (Material Master: Maintenance Statuses)

`M_MATE_MAN` (Material Master: Data at Client Level)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_MATERIAL_VARIANT`

Virtual Tables

- `AS_MARA_MARC`: To handle materials for material variants
- `AS_MATVAR_CUCFG`: To handle configuration data for material variants
- `AS_MATVAR_CUINS`: To handle instance data for material variants
- `AS_MATVAR_CUVAL`: To handle characteristic valuation data for material variants

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Material Variants	All instances of this migration object are relevant to the transfer option.	Configure Material Variants	Creates material variants in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material	Manage Product Master (app ID F1602)	`VCH_MATERIAL_CONFIG_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.

5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-int validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM02
Display	MM03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.80 MM - Material commodity

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material trade classification data containing commodity codes from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Product**

Business Object Component/Area	Component: LO-MD-MM
Business Object Type	Master data

Business Object Definition	You can classify products by commodity code: an official key as defined in the European Communities' harmonized system for describing and coding commodities. Commodity codes are used in the Intrastat declaration and are relevant to EU foreign trade statistics. The plant in the migration template is used to determine the plant-country/region and, depending on that, the numbering scheme assigned to that country/region. New classifications are time-dependent and the validity of those records is based on the validity of the commodity code instance found in the system. If several instances of the same commodity code are found, the one that is currently valid will be used. If no such instance exists, the last one chronologically is used.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the plant, purchasing organization and sales organization from the company codes you specified when defining the migration scope. This migration object automatically selects all materials from the `MARC` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

Classification with company code

> **i Note**
>
> Materials you set for deletion in the source ERP system are not migrated

Out of Scope

Not relevant

> **i Note**
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Commodity code numbering schemes are assigned to countries or regions
- Commodity codes are defined for relevant numbering schemes

You have migrated or defined settings in the **Material** migration object.

> **i** Note
>
> The **Product** migration object needs to be migrated along with forecast parameters to enable the forecasting view.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`ITM_CLS_NS` (Trade Classification: Authorization for Numbering Scheme)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_MATERIAL_COMMODITY`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Material Commodity	All instances of this migration object are relevant to the transfer option.	Create Material Commodity	Creates the material commodity in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Plant • Commodity code	Display classified products - International trade (app ID F1859)	`SAPSLL_COMCO_CLS_MIGR_BAPI`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM02
Display	MM03 Choose the International Trade Import tab page

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.81 MM - Material consumption

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material consumption data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Product**

Business Object Component/Area	Component: LO-MD-MM
Business Object Type	Master data
Business Object Definition	A quantity usually updated by the system when a material is withdrawn from the warehouse or stores, indicating how much of the material has been used or consumed over a particular past period.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the plant, purchasing organization and sales organization from the company codes you specified when defining the migration scope. This migration object automatically selects the materials from the `MARC` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Forecast values
- Planned consumptions

- Unplanned consumptions

> **i Note**
>
> The **Product** migration object needs to be migrated with forecast parameters to enable the forecasting view.

> **i Note**
>
> If the material you provided in the mapping already exists in the target system, it is overwritten with material consumption data from the source system after migration.

Out of Scope

- Materials that are not enabled for forecasting views
- Overwriting of existing forecasting values

  > **i Note**
  >
  > Overwriting leads to the system error: "Duplicate entries for parameter `FORECASTVALUES`"

> **i Note**
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Material** migration object:

> **i Note**
>
> The **Material** migration object needs to be migrated with forecast parameters to enable the forecasting view.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`ITM_CLS_NS` (Trade Classification: Authorization for Numbering Scheme)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_MATERIAL_CONSUMP`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Material Consumption	All instances of this migration object are relevant to the transfer option.	Create Material Consumption	Not relevant	Not relevant	`BAPI_MATERIAL_SAVEREPLICA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM02
Display	MM03

After migration, choose the *Forecasting* tab page. Choose *Consumption Values* or *Forecast Values* to see the relevant information.

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.82 MM - Purchase contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchase contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Purchase Contract**

Business Object Component/Area	Component: MM-PUR (Outline Agreements)
Business Object Type	Transactional data

Business Object Definition	A form of longer-term purchase agreement against which materials or services are released (ordered, or called off) according to need over a certain predefined period.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the purchasing organization from the company codes you specified when defining the migration scope.

This migration object automatically selects all purchase purchasing contract from the `EKKO` table for the derived purchasing organizations and for the central purchasing organizations.

> **i** Note
>
> The relevant purchasing document category (`BSTYP`) for this migration object is **K** (Purchasing Contract).

In Scope

The following data is set for migration to SAP S/4HANA:

- Quantity contracts
- Value contracts
- Purchasing document header data
- Purchasing document item data
- Item condition validity data
- Item conditions
- Account assignments (cost center, asset, and WBS element only) in purchasing document data
- Item condition scale value data
- Conditions (1-dimensional value scale) data
- Master conditions: When creating outline agreements, you can specify just one time period for each variable key. This means that you can specify a period for the document header (that is, condition table A019), for each item (that is, condition table A016), and for each item/plant combination (that is, condition table A068).

  > **i** Note
  >
  > If an info record is already available, the price will be taken over from this info record.

- Conditions (1-dimensional quantity scale) data
- Conditions header data
- Conditions item data
- Partner roles in purchasing data

- Delivery address data
- Vendor address data
- Item texts
- Header texts
- Plant addresses (default delivery address)

> **i** Note
>
> Ensure that you maintain the delivery address in the source document to enable migration of delivery addresses.
>
> If you maintain the delivery address as a reference address in the source document, you can map new delivery addresses in the **Number of Delivery Address** mapping task.

Out of Scope

- Planned and unplanned external services
- Scales
- Volume rebate conditions
- Creation of configurations
- Subitems (for example, inclusive/exclusive bonus quantity, display, and so on)
- Version management (document change management)
- The revision level (EKPO-REVLV) is not changeable, because various quality management routines haven't been implemented.
- Account profit segment data
- VAS items
- Extensions in
- Multi-level item hierarchy
- Technical data

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Secondary cost element
- FI - G/L account
- Fixed asset (including balance)
- Product
- PS - Network

- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_RAHM_BSA` (Authorization check for Document Type in Outline Agreement)

`M_RAHM_EKO` (Authorization check for Purchasing Organization in Outline Agreement)

`M_RAHM_EKG` (Purchasing Group in Outline Agreement)

`M_RAHM_WRK` (Plant in Outline Agreement)

`V_KOND_VEA` (Maintain Condition: Auth. for Use/Appl./Cond.Type/Table)

`V_KONH_VKS` (Condition: Authorization for Condition Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_PURCHASING_CONTRACT`

Virtual Tables

- `ITM_TXT`: To handle item long texts
- `HDR_TEXT` : To handle header texts
- `AS_KONH`: To handle condition headers
- `AS_KONP` : To handle item conditions
- `AS_KONM` : To handle 1-dimensional quantity scale conditions
- `AS_KONW` : To handle 1-dimensional value scale conditions
- `AS_EKPO` : To handle purchasing contract items
- `AS_ADRC` : To handle Vendor address

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Purchase Contract	All instances of this migration object are relevant to the transfer option.	Create Purchase Contract	Creates the purchase contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing document number	Manage Purchase Contracts (app ID F1600)	`BAPI_CONTRACT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME32K
Display	ME33K

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.83 MM - Purchasing info record

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchasing info record data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Purchasing Info Record**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Purchasing* > *Master Data* > *Info Record* Component: MM-PUR
Business Object Type	Master data
Business Object Definition	A source of information for the procurement of a certain material from a certain vendor.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all purchase info records (except pipeline records) from the `EINA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Info record types

    - Standard
    - Consignment
    - Subcontracting
- General data
- Purchase organization data
- Conditions
- Texts

> **i Note**
>
> Condition records with expired valid-to dates in the source ERP system are not migrated.

Out of Scope

- Pipeline info record type
- Any document references such as quotations, purchase requisitions, purchase orders, and the last purchase order number
- Conditions with expired validity periods
- Industry-specific fields

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Product
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`M_EINF_EKO` (Purchasing Organization in Purchasing Info Record)

`M_EINF_EKG` (Purchasing Group in Purchasing Info Record)

`M_EINF_WRK` (Plant in Purchasing Info Record)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_PURCH_INFO_RECORD`

Virtual Tables

- `EINE_EXTRA`: To store additional EINE fields
- `PIR_COND_VALIDITY`: To store PIR condition validities
- `PIR_CONDITION`: To store PIR conditions
- `PIR_COND_VALSCL`: To store value scales for PIR conditions
- `PIR_COND_QTYSCL`: To store quantity scales for PIR Condition
- `PIR_TEXT`: To store related texts for info records

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Purchasing Info Record	All instances of this migration object are relevant to the transfer option.	Create Purchasing Info Record	Creates a purchasing info record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Number of purchasing info record	Manage Purchasing Info Records (app ID F1982)	`ME_INFORECORD_MAINTAIN_MULTI`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME12
Display	ME13

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.84 MM - Purchase scheduling agreement

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchase scheduling agreement data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Purchase Scheduling Agreement**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Purchasing* > *Outline Agreement* > *Scheduling Agreement* Component: MM-PUR (Outline Agreements)
Business Object Type	Transactional data
Business Object Definition	An outline agreement against which materials are procured at a series of predefined points in time over a certain period.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the purchasing organization from the company codes you specified when defining the migration scope.

This migration object automatically selects all purchase scheduling agreements from the `EKKO` table for the derived purchasing organizations and for the central purchasing organizations.

> **i** Note
>
> The relevant purchasing document category (BSTYP) for this migration object is L (Purchase Scheduling Agreement).

In Scope

The following data is set for migration to SAP S/4HANA:

- Standard purchasing scenarios
- Consignment scenarios
- Subcontracting scenarios
- Third-party scenarios
- Scheduling agreements with time-dependent conditions (`EKKO-STAKO` = "X")
- Scheduling agreement header data
- Scheduling agreement items data
- Header and item long texts
- Account assignment data
- Delivery schedule lines
- Shipping data for stock transport orders
- Header conditions data

- Item conditions data
- Validity period of header conditions
- Validity period of item conditions
- Value scale and quantity scale of header conditions
- Value scale and quantity scale of item conditions
- Foreign trade data
- Partner data
- Delivery addresses

> **i Note**
>
> Purchase scheduling agreements you set for deletion in the source ERP system are not migrated

Out of Scope

- Account profitability segment calculation data
- Shipping export data
- Stock transport scheduling agreements
- Release strategy
- User-defined fields

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Batch unique at plant level
- Batch unique at material and client level
- CO - Cost center
- Fixed asset (including balance)
- FI - G/L account
- MM - Purchasing info record
- Product
- PS - Network
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `M_RAHM_BSA` (Create/Update/Display outline agreements using the document type)
- `M_RAHM_EKO` (Create/Update/Display outline agreements using the purchasing organization)
- `M_RAHM_EKG` (Create/Update/Display outline agreements using the purchasing group)
- `M_RAHM_WRK` (Create/Update/Display outline agreements using the plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_SCHEDULING_AGREEMENT`

Virtual Tables

- `ITM_TXT`: To handle item long texts
- `HDR_TXT`: To handle header long texts
- `AS_KONH`: To handle header conditions
- `AS_KONP`: To handle item conditions
- `AS_KONM`: To handle quantity scale conditions
- `AS_KONW`: To handle value scale conditions
- `AS_ADRC`: To handle addresses
- `AS_KONH_VAL`: To handle header validity periods
- `AS_KONP_VAL`: To handle item validity periods

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Purchase Scheduling Agreement	All instances of this migration object are relevant to the transfer option.	Create Scheduling Agreement	Creates the purchase scheduling agreement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Document Number	Manage Scheduling Agreement (app ID F2179)	`BAPI_SAG_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME32L
Display	ME33L

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.85 MM - Service entry sheet

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate service entry sheet data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Service Entry Sheet**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Service Entry Sheet* Component: MM
Business Object Type	Transaction data
Business Object Definition	A list of services performed by a vendor on the basis of a purchase order, containing service descriptions and details of quantities and values. The descriptions of planned services deriving from the purchase order are used as default descriptions in the service entry sheet. Unplanned services that were entered in the purchase order without descriptions using value limits are precisely specified in the entry sheet.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives purchase organizations from the company codes you specified when defining the migration scope. This migration object automatically selects all service entry sheets from the `ESSR` table for relevant purchase orders.

Relevant purchase orders are those orders that belong to the derived purchase organizations and the central purchase organizations. For more information, see the documentation for the **MM - Purchase order** migration object.

In Scope

The following data is set for migration to SAP S/4HANA:

- Service entry sheets deselected for acceptance (`ESSR-KZABN` = space)
- Header data
- Planned services
- Unplanned services
- Account assignments
- Values/links to service account assignments
- Service long texts
- Long texts for service entry sheet headers

> **i Note**
>
> Service entry sheets you set for deletion in the source ERP system are not migrated.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- MM - Purchase order
- MM - Service master

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `M_BEST_BSA` (Document Type in Purchase Order)
- `M_BEST_EKG` (Purchasing Group in Purchase Order)
- `M_BEST_EKO` (Purchasing Organization in Purchase Order)

- `M_BEST_WRK` (Plant in Purchase Order)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_SERVICE_ENTRY_SHEET`

Virtual Tables

- `AS_SHEET_TXT`: To handle long texts for service entry sheets
- `AS_SRV_TXT`: To handle service long texts

Note that these table do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Service Entry Sheet	All instances of this migration object are relevant to the transfer option.	Create Entry Sheet	Creates the service entry sheet in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Entry Sheet Number	Display/ Change Service Entry Sheets (app ID /CPD/ PWS_WS_ SE_ML81 N)	`BAPI_ENTRYSHEET_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.

3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ML81N
Display	ML82

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.86 MM - Service master

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate service master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Service Master**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* > *Service Master* > *Service* Component: MM-SRV
Business Object Type	Master data
Business Object Definition	A repository for the descriptions of all services that a firm frequently procures. There is a service master record for each service description. The service master database is a source of default data set by the system when you create service specifications (for example, for invitations to bid sent to potential subcontractors during a competitive bidding process).
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects all service master records from the `ASMD` table in the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Service master long texts
- Basic data
- Standar service categories
- Time management data
- Purchase data
- Internal work data
- Sales and distribution data

Out of Scope

User-defined fields

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_SRV_LS` (Create/Update of Service Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_SERVICE_MASTER`

Virtual Tables

`HDR_TXT` : To handle service master long texts

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Service Master	All instances of this migration object are relevant to the transfer option.	Create Service Master	Creates the service master in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Activity Number	Not relevant	BAPI_SERVICE_CREATE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	AC02
Display	AC03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.87 MM - Source list

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate source list data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Source List**

Business Object Component/Area	Component: MM-PUR (Source List)
Business Object Type	Master data
Business Object Definition	A list of available sources of supply for a material, indicating the periods during which procurement from such sources is possible. The source list lets you determine the source that is valid (effective) at a certain time.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants and materials from the company codes you specified when defining the migration scope. This migration object automatically selects the materials from the `MARC` table for the derived plants.

> **i Note**
>
> If the new source list you provided in the mapping already exists in the target system, after migration, the target system data is overwritten with the source list data from the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Material number
- Plant
- Source list usage in materials planning

- Agreement number
- Agreement item
- Purchasing organization
- *Valid To* field in the source list record
- *Fixed Supplier* indicator
- Blocked source of supply
- *Valid From* field in the source list record

Out of Scope

- Logical system
- *Product* fields relevant for Purchasing

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Product
- Supplier
- MM - Purchase contract
- MM - Purchase scheduling agreement

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_ORDR_EKO` (Purchasing Organization in Source List)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_SOURCE_LIST`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Source List	All instances of this migration object are relevant to the transfer option.	Create Source List	Creates the source list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Plant • Number of Source list record	Manage Source Lists (app ID F1859)	`ME_DIRECT_INPUT_SOURCE_LIST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME02
Display	ME03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.88 MM - Purchase order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchase order data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Purchase Order**

Business Object Component/Area	User Menu Path: *Logistics* > *Material management* > *Purchasing* > *Purchase order* Component: MM-PUR
Business Object Type	Transactional data
Business Object Definition	A request or instruction from a purchasing organization to a vendor (external supplier) or a plant to deliver a quantity of material or to perform services at a certain point in time.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives purchasing organizations from the company codes you specified when defining the migration scope. This migration object automatically selects relevant purchase orders from the `EKKO` table for the company codes and derived purchasing organizations.

Relevant selection criteria

- The value in the *Purchasing Document Category* (BSTYP) field is F (order) AND
- The *Delivery Completed Indicator* (ELIKZ) field is not set for the purchasing document item AND
- The *Final Invoice Indicator* (EREKZ) field is not set for the purchasing document item AND
- If the value for the scheduled quantity (MENGE) does not match the value for the quantity of goods received (WEMNG), the purchasing quantity is not processed.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Header address data
- Header texts
- Item data
  Only the following item categories:
  - Standard
  - Third-party
  - Enhanced limits
  - Consignment
  - Subcontracting
  - Service and limits
- Item address data
- Item account assignments
  Only the following account assignment categories:
  - Cost center
  - Asset
  - Sales order
  - Project
  - Unknown
- Item schedule lines
- Purchase order item components for subcontracting
- Item texts
- Pricing data
- Manual service conditions

Note that the information given here is not exhaustive.

> **i Note**
>
> Purchase orders you set for deletion in the source ERP system are not migrated

Out of Scope

- Held (not yet complete) purchase orders
- Item data set for deletion
- Changes in message records (in the `NAST` table) and additional message data
- Documents attached to the purchase order
- Item categories not mentioned in the scope list such as transport orders
- Purchase orders for sales orders and non stock sales
- User-defined fields
- Release strategy data
- Export data
- Shipment data
- Planning data

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Batch unique at material and client level
- Batch unique at plant level
- CO - Cost center
- CO - Secondary cost element
- FI - G/L account
- Fixed asset (including balance)
- MM - Purchase contract
- MM - Purchase requisition (only open PR)
- MM - Purchase scheduling agreement
- MM - Purchasing info record
- MM - Service master
- PP - Material BOM
- Pricing condition (purchasing and sales)
- Product
- PS - Network
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_BEST_BSA` (Document type in PO)

`M_BEST_EKG` (Purchasing group in PO)

`M_BEST_EKO` (Purchasing organization in PO)

`M_BEST_WRK` (Plant in PO)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_PURCHASE_ORDER`

Virtual Tables

- `ITEM_TEXT`: To handle item texts
- `ESLH_AS`: To handle service lines
- `ESLL_AS`: To handle service lines
- `ESKL_AS`: To handle account assignment distribution for service lines
- `ESUC_AS`: To handle service contract limits
- `ESLLT_AS`: To handle service long texts
- `ESUH_AS`: To handle service limits
- `HEADER_TEXT`: To handle header texts
- `HEADER_ADRC`: To handle vendor addresses

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Purchase Order	All instances of this migration object are relevant to the transfer option.	Create Purchase Order	Creates the purchase order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Document Number	Manage Purchase Orders (app ID F0842)	`BAPI_PO_CREATE1`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME23N
Display	ME23N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.89 MM - Purchase requisition (only open PR)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate open purchase requisition data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object : **Purchase Requisition**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* > *Purchasing* > *Purchase Requisition* Component: MM-PUR
Business Object Type	Transactional data
Business Object Definition	A request or instruction to Purchasing to procure a quantity of a material or service so that it is available at a certain point in time.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants and purchasing organizations from the company codes you specified when defining the migration scope. This migration object automatically selects relevant purchase requisitions from the `EBAN` table for the derived plants and purchasing organizations.

Relevant selection criteria

- The *Deletion Indicator in the Purchasing Document* (`LOEKZ`) field is blank.
- The *Purchase Requisition Closed* (`EBAKZ`) field is blank.
- The *Purchase Requisition Not Yet Complete* (`MEMORY`) field is blank.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Header texts
- Item data
  Only the following item categories:
  - Standard
  - Consignment
  - Subcontracting
  - Third-party
  - Stock transfer
- Delivery address data
- Item account assignments
- Item texts

Note that the information given here is not exhaustive.

> **i** Note
>
> Purchase requisitions you set for deletion in the source ERP system are not migrated.

Out of Scope

- Held (not yet complete) purchase requisitions
- Item data set for deletion
- Service data
- User-defined fields

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Batch unique at material and client level
- Batch unique at plant level
- CO - Cost center
- CO - Internal order
- FI - G/L account
- Fixed asset (including balance)

- Product
- PS - Network
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `M_BANF_BSA` (Document type in purchase requisition)
- `M_BANF_WRK` (Plant in purchase requisition)
- `M_BANF_EKG` (Purchasing group in purchase requisition)
- `M_BANF_EKO` (Purchasing organization in purchase requisition)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_PURCHASE_REQUISITION`

Virtual Tables

- `ART_EBAN`: To handle item data
- `ART_EBKN`: To handle account assignment data
- `ART_PRPS`: To handle account assignment data
- `ART_RESB`: To handle components
- `ART_ADRC`: To handle delivery addresses
- `ART_ADR6`: To handle delivery addresses
- `ART_PRHEADERTEXT`: To handle header texts
- `ART_PRITEMTEXT`: To handle item texts

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Purchase Requisition	All instances of this migration object are relevant to the transfer option.	Create Purchase Requisition	Creates the purchase requisition in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchase Requisition Number	Manage Purchase Requisition Professional (app ID F2229)	`BAPI_PR_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME51N
Display	ME51N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.90 MM - Quota arrangement

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate quota arrangement data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Quota Arrangement**

Business Object Component/Area	User Menu Path: *Materials Management* > *Purchasing* > *Quota Arrangement* Component: MM-PUR
Business Object Type	Transactional data
Business Object Definition	Quota arrangements enable the system to compute which source of supply to assign to a requirement for a material. The quota arrangement facilitates the determination of the applicable sources of supply for a purchase requisition at a certain time. Setting quotas permits the automatic apportionment of a total material requirement over a period to different sources. A quota arrangement consists of quota arrangement records identifying the source (such as a vendor or an internal plant), the validity period, and the quota.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects quota arrangement data from the `EQUK` table

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Component item data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- MM - Purchase info record
- PP - Production version
- Product
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_QUOT_WRK` Plant(Quotas)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_QUOTA_ARRANGEMENT`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Quota Arrangement	All instances of this migration object are relevant to the transfer option.	Create Quota Arrangement	Creates the quota arrangement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Quota Arrangement Number	Not relevant	`CNV_PE_S4_QUOTA_ARRANGEMENT`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_QUOTA_ARRANGEMENT`

APIs/BAPIs

`CL_PURG_QUOTA_ARRGMT_API`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MEQ4
Display	MEQ3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.91 Object classification (general template)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate object classification data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Classification**

Business Object Component/Area	User Menu Path: *Cross Application Components* > *Classification System* > *Assignment* > *Assign Object to Classes* Component: CA
Business Object Type	Master data

Business Object Definition	The assignment of objects to a class. When you assign objects to a class, you assign values for the object to the characteristics in the class.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects object classifications from the `KSSK` table if the following condition is met:

The value of the *Indicator: Object/Class* (`MAFID`) field is **"O"** (letter).

In Scope

The following data is set for migration to SAP S/4HANA:

- Material class type (001)
- Equipment class type (002)
- Functional location class type (003)
- Master inspection characteristic class type (005)
- Inspection method class type (006)
- Catalog code group/code class type (007)
- Selected set class type (008)
- Production resource/tool class type (009)
- Vendor class type (010)
- Customer class type (011)
- Maintenance notification class type (015)
- Document info record (DMS) class type (017/201)
- Equipment task list class type (019)
- Functional location task list class type (019)
- General maintenance task list class type (019)
- Work center class type (019)
- Variant class type (300)

Out of Scope

Change numbers

Class types for batch classification: 022 and 023

> **i Note**
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

-
- Batch unique at material and client level
- Batch unique at plant level
- Characteristic
- Class
- Customer
- Document info record (DMS)
-
- PM - Equipment
-
- PM - Functional location
- PM - Functional location task list
- PM - General maintenance task list
- PM - Maintenance notification
- PP - Production resource/tool
- PP - Work center
- Product
- QM - Inspection method
- QM - Inspection plan
- QM - Master inspection characteristic
- QM - Selected set
- Supplier

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

`C_KLAH_BKP` (Authorization for Class Maintenance)

`C_TCLA_BKA` (Authorization for Class Types)

C_TCLS_BER (Authorization for Org. Areas in Classification System)

C_KLAH_BKL (Authorization for Classification)

C_TCLS_MNT (Authorization for Characteristics of Org. Area)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization objects to the user:

C_KLAH_BKP (Authorization for Class Maintenance)

C_TCLA_BKA (Authorization for Class Types)

C_TCLS_BER (Authorization for Org. Areas in Classification System)

C_KLAH_BKL (Authorization for Classification)

C_TCLS_MNT (Authorization for Characteristics of Org. Area)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: S4_CA_CLASSIFICATION_ASSIGNMENT

Virtual Tables

- CLASSES: To store the list of classes assigned to object classifications
- ALLOCVALUESNUM: To store numeric characteristic values
- ALLOCVALUESCHAR: To store character characteristic values
- ALLOCVALUESCURR: To store currency characteristic values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Object Classification	All instances of this migration object are relevant to the transfer option.	Create Object Classification	Creates the object classification in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_OBJCL_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CL20N
Display	CL20N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.92 PM - Equipment

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate equipment data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Equipment**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Management of Technical Objects* > *Equipment* Component: PM
Business Object Type	Master data
Business Object Definition	An individual, physical object that is maintained as an autonomous unit.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the equipment from the `ILOA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data for technical objects
- Equipment-specific data
- Vehicle-specific data
- Valid-from date for equipment
- Object links for document info records
- Installation date for equipment
- User-defined statuses

> **i Note**
>
> - You can migrate only the latest time segment data (valid-from date for equipment) to the target system.
> - You can set only one language for the migration of equipment data.
> - Equipment data with the `DLFL` or `INAC` system status is migrated with the `AVLB` system status.

Out of Scope

- Linear assets management data
- User defined fields
- Industrial solution-specific fields
- Equipment long texts
- Classification
- Equipment address
- Partners
- Measuring points/counters
- Change documents
- Historical equipment data
- Production resources/tools

> **i Note**
>
> You can simulate only this feature: Create equipment.
>
> The following features are out of scope for simulation: Document info record assignment and user status
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document info record (DMS)
- CO - Cost center
- CO - Internal order
- Fixed asset (including balance)
- PM - Functional location
- PP - Work center

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`I_BETRVORG` (PM: Business Operation)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_EQUIPMENT`

Virtual Tables

- `ILOA_WC`: To store internal work center numbers
- `ILOA_WBS`: To store internal WBS elements
- `ILOA_FLOC`: To store internal functional location names
- `EQUZ_WC`: To store internal main work center numbers

Note that the virtual tables do not exist in the database.

System Actions

Equipment Number mapping task: If the target equipment number is set to blank, the system creates equipment using internal numbers defined for that equipment category.

Superordinate equipment: If superordinate equipment is assigned to an equipment, you need to migrate the superordinate equipment before migrating the equipment. If you don't follow this migration sequence , the system displays the **Equipment could not be read** error.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Equipment	All instances of this migration object are relevant to the transfer option.	Create Equipment	Creates the equipment in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Equipment Number	Display Technical Object (app ID W0028)	`BAPI_EQUI_CREATE`
		Create DIR Link	Creates document info record links in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_CA_DIR_OBJ_LINKS`
		Change User Status	Changes user status in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_PM_EQUI_USTAT`

APIs/BAPIs Used in Migration-Specific Function Modules

Migration-specific function modules are used in this migration object. These function modules use standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_CA_DIR_OBJ_LINKS`

APIs/BAPIs

`BAPI_DOCUMENT_CHANGE2`

Function Module: `CNV_PE_S4_PM_EQUI_USTAT`

APIs/BAPIs

`IBAPI_EQUI_USERSTATUS_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

You can migrate the **Object classification (general template)** object to assign classifications to equipment.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IE02
Display	IE03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.93 PM - Equipment task list

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate equipment task list data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Equipment Task List**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Preventative Maintenance* > *Work Scheduling* > *Task Lists* > *For Equipment* Component: PM
Business Object Type	Master data
Business Object Definition	A maintenance task list with a link to a piece of equipment. You can use equipment task lists to: • Define and update maintenance tasks for a piece of equipment • Prepare maintenance plans and orders for a piece of equipment.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the equipment task list data from the `EAPL` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Task list header data
- Operations
- Suboperations
- Material components
- Production resources/tools
- Maintenance packages
- Relationships
- Long texts
- Change number data
- Service packages for operations
- Assignment of object dependencies (local and global) to operations and service packages

Change Numbers

Any data you created using a change number is migrated if the change number was created on or before the current date. Note that the change number itself is not migrated.

> ### Example
>
> On the *Display Equipment Task List* initial screen, you enter **2** in the *Group Name* field and **TEST_C01** in the *Change Number* field for the current date. Choose *Header*. to enter a description in the *Group Counter* field. Save your data.
>
> This migration object transfers the description you entered since it is the latest information for the `TEST_C01` change number. However, the migration object does not transfer either `TEST_C01`.

> ### Note
>
> Action dependency types are migrated to the target system as procedure dependency types.

Out of Scope

- Values belonging to the *Internal Distribution* field (`VERTN`) in the *Operations* view
- Inspection characteristics
- Service packages for suboperations

Note that the information given here is not exhaustive.

> ### Note
>
> Validation of dependencies is not carried out during migration for these statuses:
>
> - In Preparation
> - Locked

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document info record (DMS)
- MM - Service master
- PM - Equipment
- PM - Functional location
- PP - Work center
- Product
- VC - Object dependency and dependency net

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`I_ROUT1` (PM: Task Lists by PM Planning Plant, Work Scheduler, Status)

`C_ROUT` (Authorizations for Routings)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_EQUIPMENT_TL`

Virtual Tables

- `AS_REL`: To handle relationships
- `AS_OP`: To handle operations and suboperations
- `AS_TEXT_HDR`: To handle long texts of meta data
- `AS_TEXT_ITEM`: To handle long texts of actual data
- `AS_CUOB`: To handle assignments of objects to dependencies
- `AS_CUKB`: To handle the basic data of dependencies
- `AS_CUKBT`: To handle dependency descriptions
- `AS_DOCU`: To handle dependency documentation
- `AS_CUKN`: To handle the source code of dependencies
- `AS_CUXREF`: To handle dependency cross-references
- `AS_CABN`: To handle characteristics used in dependencies
- `AS_SPACK_OUTLINES`: To handle service package outlines
- `AS_SPACK_LINES`: To handle service package lines
- `AS_SPACK_LIMITS`: To handle service package limits
- `AS_SPACK_CLIMITS`: To handle contract limits for service packages

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Equipment Task List	All instances of this migration object are relevant to the transfer option.	Create Equipment Tasklist	Creates an equipment task list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Group • Group Counter • Equipment	Display Task List (Technician) (app ID W0015)	`CNV_PE_S4_PM_EAM_TASKLIST`
		Assign Object Dependencies	Assigns object dependencies to the equipment task list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_PM_EAM_TASKLIST_DEP`

APIs/BAPIs Used in Migration-Specific Function Modules

Migration-specific function modules are used in this migration object. These function modules use standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_EAM_TASKLIST`

APIs/BAPIs

- `EAM_TASKLIST_CREATE`
- `EAM_TASKLIST_CHANGE`
- `EAM_TASKLIST_POST`

Function Module: `CNV_PE_S4_PM_EAM_TASKLIST_DEP`

APIs/BAPIs

- `CUKD_API_ALLOCATIONS_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IA02
Display	IA03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.94 PM - Functional location

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate functional location data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: : **Functional Location**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Management of Technical Objects* > *Functional Location* Component: PM
Business Object Type	Master data
Business Object Definition	An organizational unit in Logistics that structures the maintenance objects of a company according to functional, process-oriented, or spatial criteria. A functional location represents the place at which a maintenance task is performed.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects functional locations from the `ILOA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Data origin-related data
- User-defined statuses

> **i Note**
>
> You can set only one language for the migration of functional locations.

Out of Scope

- Linear assets management data
- User defined fields
- Industrial solution-specific fields
- Functional location long texts
- Classifications
- Functional location addresses
- Partners
- Measuring points/counters
- Change documents

- Historical data

> **i Note**
>
> You can simulate only this feature: Create functional location
>
> The following feature is out of scope for simulation: Data origin-related data
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Internal order
- Fixed asset (including balance)
- PP - Work center

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`I_BETRVORG` (PM: Business Operation)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_FUNCLOC`

Virtual Tables

- `APS_IFLOT`: To store superior functional location internal number
- `APS_CRHD`: To store work center internal number

Note that virtual tables do not exist in the database.

System Actions

Superior functional location: If a superior functional location is assigned to a functional location, you need to migrate superior functional location data before migrating functional location data. If you don't follow this migration sequence, the system displays the **Equipment could not be read** error.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Functional location	All instances of this migration object are relevant to the transfer option.	Create Functional Location	Creates the functional location in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Functional Location	Display Technical Object (app ID W0028)	`BAPI_FUNCLOC_CREATE`
		Change Data Origin	Changes the data origin data in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_FUNCLOC_INHERIT_CHANGE`
		Change User Status	Changes the user status in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_PM_FNLOC_USTAT`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_FNLOC_USTAT`

APIs/BAPIs

`IBAPI_FUNCLOC_USERSTATUS_CHANG`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

You can migrate the **Object classification (general template)** object to assign classifications to equipment.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IL02
Display	IL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.95 PM - Functional location BOM

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bill of materials (BOM) data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Bill of Materials**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Management of Technical Objects* > *Bill of Materials* > *Functional Location BOM* Component: PM
Business Object Type	Master data
Business Object Definition	A list used to describe the structure of a functional location and to allocate spares to the functional location for maintenance. A functional location BOM can be created for each functional location or for a group of technical objects.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the bills of material from the `TPST` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Bills of material of type “T”
- Header data
- Component item data
- Sub-items

> **i Note**
>
> Functional location BOM data you set for deletion in the source ERP system is not migrated.

Out of Scope

- Sub-items
- Document assignments
- Long texts
- R-Variable size items
- K-Class items

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- PM - Functional location
- Material

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `M_MATE_WRK` (Material Master: Plants)
- `C_TCLA_BKA` (Access to Classes Using the Class Type)
- `C_STUE_NOH` (Create/Update/Display of BOM)
- `C_STUE_BER` (Create/Update/Display of Bills of Material)
- `C_STUE_WRK` (Create/Update/Display the Allocation of a BOM to a Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_FUNC_LOC_BOM_AREA`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Functional Location BOM	All instances of this migration object are relevant to the transfer option.	Create Functional Location BOM	Creates the functional location BOM in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Functional Location • Alternative BOM • BOM Usage	Not Relevant	`CNV_PE_S4_PM_FUNCTIONAL_BOM`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_FUNCTIONAL_BOM`

APIs/BAPIs

`CSAI_BOM_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.

5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IB12
Display	IB13

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.96 PM - Functional location task list

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate task list data for functional locations from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Functional Location Task List**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Preventative Maintenance* > *Work Scheduling* > *Task Lists* > *For Functional Location* Component: PM
Business Object Type	Master data
Business Object Definition	A maintenance plan with a link to a specific functional location in order to: • Define and update tasks for a functional location • Prepare maintenance plans and maintenance orders for a functional location
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the task list data for functional locations from the `TAPL` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Task list header data
- Operations
- Suboperations
- Material components
- Production resources/tools
- Maintenance packages
- Relationships
- Long texts
- Change number data
- Service packages for operations
- Assignment of object dependencies (local and global) to operations and service packages

Change Numbers

Any data you created using a change number is migrated if the change number was created on or before the current date. Note that the change number itself is not migrated.

> ### Example
>
> On the *Display Functional Location Task List* initial screen, you enter **2** in the *Group Name* field and **TEST_C01** in the *Change Number* field for the current date. Choose *Header* to enter a description in the *Group Counter* field. Save your data.
>
> This migration object transfers the description you entered since it is the latest information for the `TEST_C01` change number. However, the migration object does not transfer `TEST_C01`.

> ### Note
>
> Action dependency types are migrated to the target system as procedure dependency types.

Out of Scope

- Values belonging to the *Internal Distribution* field (`VERTN`) in the *Operations* view
- Inspection characteristics
- Service packages for suboperations

Note that the information given here is not exhaustive.

> ### Note
>
> Validation of dependencies is not carried out during migration for these statuses:
>
> - In Preparation
> - Locked

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document info record (DMS)
- MM - Service master
- PM - Equipment
- PM - Functional location
- PM - Work center
- Product
- VC - Object dependency and dependency net

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`I_ROUT1` (PM: Task Lists by PM Planning Plant, Work Scheduler, Status)

`C_ROUT` (Authorizations for Routings)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_FUNCLOC_TL`

Virtual Tables

- `AS_REL`: To handle relationships
- `AS_OP`: To handle operations and suboperations
- `AS_TEXT_HDR`: To handle long texts of meta data
- `AS_TEXT_ITEM`: To handle long texts of actual data
- `AS_CUOB`: To handle assignments of objects to dependencies
- `AS_CUKB`: To handle the basic data of dependencies
- `AS_CUKBT`: To handle dependency descriptions
- `AS_DOCU`: To handle dependency documentation
- `AS_CUKN`: To handle the source code of dependencies
- `AS_CUXREF`: To handle dependency cross-references
- `AS_CABN`: To handle characteristics used in dependencies
- `AS_SPACK_OUTLINES`: To handle service package outlines
- `AS_SPACK_LINES`: To handle service package lines
- `AS_SPACK_LIMITS`: To handle service package limits
- `AS_SPACK_CLIMITS`: To handle contract limits for service packages

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Functional Task List	All instances of this migration object are relevant to the transfer option.	Create Functional Tasklist	Creates a functional location task list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Group • Group Counter • Functional Location	Display Task List (Technician) (app ID W0015)	`CNV_PE_S4_PM_EAM_TASKLIST`
		Assign Object Dependencies	Assigns object dependencies to the functional location task list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_PM_EAM_TASKLIST_DEP`

APIs/BAPIs Used in Migration-Specific Function Modules

Migration-specific function modules are used in this migration object. These function modules use standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_EAM_TASKLIST`

APIs/BAPIs

- `EAM_TASKLIST_CREATE`
- `EAM_TASKLIST_CHANGE`
- `EAM_TASKLIST_POST`

Function Module: `CNV_PE_S4_PM_EAM_TASKLIST_DEP`

APIs/BAPIs

- `CUKD_API_ALLOCATIONS_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IA12
Display	IA13

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.97 PM - Equipment BOM

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate equipment BOM data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object : **Equipment Bill of Material**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Management of Technical Objects* > *Bill of Material* > *Equipment BOM* Component: PM
Business Object Type	Master data
Business Object Definition	A list used to describe the structure of a piece of equipment and to allocate spares to the piece of equipment for maintenance. An equipment bill of material can be created for each piece of equipment or for a group of technical objects.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all equipment numbers from the `EQST` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Equipment BOM descriptions
- BOM items
- BOM subitems
- Modified records using engineering change numbers
- Long texts

Out of Scope

- Document assignments
- Records that are deleted without using engineering change numbers

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in these migration objects:

- ECM - Change master
- PM - Equipment
- Product

Roles and Authorizations

Source System

Not relevant

Target System

To carry out migration, assign the following authorization object or objects to the user:

- `C_STUE_BER`: CS BOM Authorizations
- `C_STUE_WRK`: CS BOM Plant (Plant Assignments)
- `C_STUE_NOH`: CS Authorization to process BOMs without a change number
- `C_TCLA_BKA`: Authorization for Class Types

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_EQUIPMENT_BOM`

Virtual Tables

- `ITM_TXT`: To store long texts for BOM items
- `BOM_TXT`: To store long texts for BOM headers
- `DRAD_ITM`: To store document-object links

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Equipment BOM	All instances of this migration object are relevant to the transfer option.	Create Equipment BOM	Creates the equipment BOM in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Equipment Number • Plant • Alternative BOM	Display Equipment BOM (app ID IB03)	`CNV_PE_S4_PM_EQUIPMENT_BOM`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_EQUIPMENT_BOM`

APIs/BAPIs

`CSAI_BOM_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IB02
Display	IB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.98 PM - General maintenance task list

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate general task list data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **General Maintenance Task List**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Preventative Maintenance* > *Work Scheduling* > *Task Lists* > *General Maintenance Task Lists* Component: PM
Business Object Type	Master data

Business Object Definition	Standardized sequence of operations for performing maintenance work on technical objects. The general maintenance task list is not linked to a technical object. It contains all the operations, materials, and maintenance resources that are required for a maintenance task. General maintenance task lists or general task lists help you when performing work scheduling in maintenance orders. They make it easy to create maintenance plans, because you can refer to them in the maintenance plan or copy them to it.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Task list types (`PLKZ-PLNTY`) with the value " **A**"
- Task list data not set for deletion (*Deletion Indicator* (`PLKO-LOEKZ`) is set to space)
- Task list header data
- Operations
- Suboperations
- Material components
- Production resources/tools
- Maintenance packages
- Relationships
- Long texts
- Change number data
- Service packages for operations
- Assignment of object dependencies (local and global) to operations and service packages

Change Numbers

Any data you created using a change number is migrated if the change number was created on or before the current date. Note that the change number itself is not migrated.

> **Example**
>
> On the *Display General Task List* initial screen, you enter **2** in the *Group Name* field and **TEST_C01** in the *Change Number* field for the current date. Choose *Header* to enter a description in the *Group Counter* field. Save your data.
>
> This migration object transfers the description you entered since it is the latest information for the `TEST_C01` change number. However, the migration object does not transfer either `TEST_C01`.

> **Note**
>
> Action dependency types are migrated to the target system as procedure dependency types.

Out of Scope

- Values belonging to the *Internal Distribution* field (`VERTN`) in the *Operations* view
- Inspection characteristics
- Service packages for suboperations

Note that the information given here is not exhaustive.

> **Note**
>
> Validation of dependencies is not carried out during migration for these statuses:
>
> - In Preparation
> - Locked

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document info record (DMS)
- MM - Service master
- PM - Equipment
- PP - Work center
- Product
- VC - Object dependency and dependency net

> **Note**
>
> You have set the number range object `ROUTING_A` to external number range in the target system before migrating general task lists. You can choose to set the number range object back to**internal number range** after migration.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `I_ROUT1` (PM: Task Lists by PM Planning Plant, Work Scheduler, Status)
- `C_ROUT` (Authorizations for Routings)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_GENERAL_TL`

Virtual Tables

- `AS_REL`: To handle relationships
- `AS_OP`: To handle operations and suboperations
- `AS_TEXT_HDR`: To handle long texts of meta data
- `AS_TEXT_ITEM`: To handle long texts of actual data
- `AS_CUOB`: To handle assignments of objects to dependencies
- `AS_CUKB`: To handle the basic data of dependencies
- `AS_CUKBT`: To handle dependency descriptions
- `AS_DOCU`: To handle dependency documentation
- `AS_CUKN`: To handle the source code of dependencies
- `AS_CUXREF`: To handle dependency cross-references
- `AS_CABN`: To handle characteristics used in dependencies
- `AS_SPACK_OUTLINES`: To handle service package outlines
- `AS_SPACK_LINES`: To handle service package lines
- `AS_SPACK_LIMITS`: To handle service package limits
- `AS_SPACK_CLIMITS`: To handle contract limits for service packages

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate General Maintenance Task List	All instances of this migration object are relevant to the transfer option.	Create General Maint. Tasklist	Creates a general maintenance task list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Group • Group Counter	Display Task List (Technician) (app ID W0015)	`CNV_PE_S4_PM_EAM_TASKLIST`
		Assign Object Dependencies	Assigns object dependencies to the general maintenance task list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_PM_EAM_TASKLIST_DEP`

APIs/BAPIs Used in Migration-Specific Function Modules

Migration-specific function modules are used in this migration object. These function modules use standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_EAM_TASKLIST`

APIs/BAPIs

- `EAM_TASKLIST_CREATE`
- `EAM_TASKLIST_CHANGE`
- `EAM_TASKLIST_POST`

Function Module: `CNV_PE_S4_PM_EAM_TASKLIST_DEP`

APIs/BAPIs

- `CUKD_API_ALLOCATIONS_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IA06
Display	IA07

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.99 PM - Measuring point

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate measuring point data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Measuring Point**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Management of Technical Objects* > *Environment* > *Measuring Points* Component: PM-EQM-SF-MPC
Business Object Type	Master data
Business Object Definition	A physical or logical place at which a status is described. **Example** Temperature inside a reactor Speed of revolution of a wind wheel The status is described using measurement readings. Measuring points are stored in the SAP system as master data.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. The `PE_S4_OBJNR` migration filter retrieves equipment or function location data from the `ILOA` table for the derived plants.

Next, the migration filter retrieves object numbers (`OBJNR`) from the Equipment or Function Location tables.

Finally, the migration filter sends the object numbers to the `IMPTT` table to obtain the measuring points.

In Scope

The following data is set for migration to SAP S/4HANA:

- Measuring point object type: Equipment
- Measuring point object type: Function Location
- Measuring point category: M
- Measuring point category: V
- Counters
- Position numbers
- Description
- Code groups
- Authorization groups

Out of Scope

- Classifications
- Valuation codes
- Long texts
- Characteristics

Since measuring points are recreated in the target system, the following data does not match the data in the source system:

- Name of user who created the measuring point
- Name of user who last changed the measuring point
- Date that the measuring point was created
- Date that the measuring point was changed
- Change documents

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- PM - Equipment
- PM - Functional location

Roles and Authorizations

Source System

Not relevant

Target System

To migrate, assign the following authorization object or objects to the user:

`I_BEGRGP`: PM Authorization Group

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_MEASURINGPOINT`

Virtual Tables

`IMPTT_CHAR_VALUES`: To convert floating point data to characters

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Measuring Point	All instances of this migration object are relevant to the transfer option.	Create Measuring Point	Creates a measuring point in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Measuring Point	Display Measuring Point (app ID W0030)	`MP_RFC_SINGLE_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IK02
Display	IK03

Further Information

For information about measuring point corrections and measurement document corrections, see SAP Note 2917243.

Available Migration Objects [page 2] in SAP S/4HANA.

1.100 PM - Measurement document

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate measurement document data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Measurement Document**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Management of Technical Objects* > *Function Location/ Equipment* > *Measurement Document* Component: PM-EQM-SF-MPC
Business Object Type	Master data
Business Object Definition	A record of measurement or a measuring point or counter at a particular time.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope. (Note that the predecessor migration object, **PM - Measuring point**, has a company code derivation.)

For each measuring point selected, this migration object selects the corresponding measurement document.

In Scope

The following data is set for migration to SAP S/4HANA:

- Measuring point
- Position number of measuring point
- Functional location
- Equipment
- Measurement reading
- Target value
- Valuation codes
- Short texts
- Long texts
- Counter readings

Out of Scope

- Processing status
- Previous and last measurement documents
- External number ranges
- Reversal indicator
- Characteristics

Since measurement documents are recreated in the target system, the following data does not match the data in the source system:

- Name of user who created the measurement document
- Name of user who last changed the measurement document
- Date that the measurement document was created
- Date that the measurement document was changed
- Change documents

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **PM - Measuring point** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`I_BEGRP` (PM : Authorization Group)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_MEASUREM_DOCUMENT : PM - Measurement document`

Virtual Tables

TEXT_TABLE: To handle text tables for measurement documents.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Measurement Document	All instances of this migration object are relevant to the transfer option.	Create Measurement Document	Creates a measurement document in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Measurement Document	Display Measurement Document (app ID IK13)	CNV_PE_S4_PM_MEASUREM_DOCUM

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_PM_MEASUREM_DOCUM

APIs/BAPIs

MEASUREM_DOCUM_RFC_SINGLE_001

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*

Change	IK12
Display	IK13

Further Information

For information about measuring point corrections and measurement document corrections, see SAP Note 2917243.

Available Migration Objects [page 2] in SAP S/4HANA.

1.101 PM - Maintenance order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate maintenance order data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object : **Maintenance Order**

Business Object Component/Area	User Menu Path: *Plant Maintenance* > *Maintenance Processing* > *Order* Component: PM-WOC-MO
Business Object Type	Transactional data
Business Object Definition	A detailed planning aid for maintenance tasks to be performed. Particular order types are the investment order, the calibration order, and the refurbishment order. You can use an order to: • Plan tasks with specific reference to type, scope, deadlines, and resources • Monitor the performance of tasks • Define rules for account assignment and settlement, as well as for the budget • Record, display, and settle the costs generated by the tasks

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope.

This migration object automatically selects maintenance orders from the `AUFK` table for the derived plants provided the following conditions are met:

- The maintenance orders have these order types: `PM01`, `PM02`, or `PM03`
- The maintenance orders have these system statuses at the header level: **Order Created** or **Order Released**
- The maintenance order contain tasks with **Created** or **Released** statuses

In Scope

The following data is set for migration to SAP S/4HANA:

- Maintenance order header data
- Operations data
- Component data
- Cost information
- Partner information
- Object data
- Additional data
- Location information
- Control information
- Permit information
- Settlement rule data

Out of Scope

- Service packages
- Maintenance object addresses
- Long texts for components

> **i** Note
>
> Follow-on orders and suborders are migrated as standalone orders. Hence, before migration, ensure business process completion for all follow-on orders and suborders that have these system statuses: **Created** or **Released**.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Batch unique at material and client level
- Batch unique at plant level
- Business partner
- CO - Activity type
- CO - Cost center
- CO - Profit center
- Customer
- Fixed asset (including balance)
- FI - G/L account
- MM - Purchase contract
- MM - Purchase requisition (only open PR)
- MM - Purchase scheduling agreement
- MM - Purchasing info record
- PM - Equipment
- PM - Functional location
- PM - Maintenance notification
- PP - Work center
- Product
- PS - Network
- SD - Sales order (only open SO)
- Supplier
- WBS element

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`C_AFKO_ACT` (Activities on network header level)

`C_AFKO_AWK` (CIM: Plant for order type of order)

`C_AFKO_DIS` (Network: MRP group (plant) and transaction type)

`C_AFVG_TYP` (PS: Activity types for network act. and activity elements)

`C_AFVG_APL` (PS: Work center for network activities and activity elements)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_AFKO_AWK` (CIM: Plant for order type of order)

`I_AUART` (PM: Order Type)

`I_IWERK` (PM: Maintenance Planning Plant)

`I_QMEL` (PM/QM: Notification Types)

`I_SWERK` (PM: Maintenance Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_MAINTANANCE_ORDER`

Virtual Tables

- `AT_AFVC_PRPS`: To handle WBS elements for order operations
- `AT_COMPONENTS`: To handle maintenance order components
- `AT_PRPS`: To handle WBS elements for order master data
- `AT_COBRB_PRPS`: To handle WBS elements for order settlement
- `AT_RELATION`: To handle order relationships
- `AT_OBJECTLIST`: To handle object lists

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Maintenance Order	All instances of this migration object are relevant to the transfer option.	Create Maintenance Order	Creates the maintenance order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Order	Display Maintenance Order (app ID W0033)	`CNV_PE_S4_PM_ALM_ORDER_MAINTN`

CNV_PE_S4_PM_ALM_ORDER_MAINTN

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_ALM_ORDER_MAINTN`

APIs/BAPIs

`BAPI_ALM_ORDER_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IW32
Display	IW33

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.102 PM - Maintenance notification

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate maintenance notification data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Maintenance Notification**

Business Object Component/Area	Component: PM-WOC-MN
Business Object Type	Transactional data
Business Object Definition	Means with which company notifications are created and managed in the area of Plant Maintenance.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the materials from the `MARC` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Notifications header data
- Items
- Items/causes
- Items/tasks
- Items/activities
- Tasks
- Activities
- Classification
- Long texts for notifications
- DIR links
- Maintenance notifications with notification types (`QMMART`): "M1" ,"M2" or "M3".
- Maintenance notifications with `OSNO` or `OSTS` statuses at the header level and `TSOS` status at the task level

> **i** Note
>
> Migrate classification details linked to the maintenance notification separately using the **Object classification (general template)** migration object.

Out of Scope

- Status handling
- Addresses
- Change documents
- Reference objects
- Measurement documents
- Long texts for DIR object links

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Business partner
- Document info record (DMS)
- Product

- PM - Equipment
- PM - Functional location
- PM - Measuring point
- PP - Work center
- Catalog code group and code

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`I_QMEL` (PM: Notification Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `: S4_MM_MAINT_NOTIFICATION`

Virtual Tables

`AS_LONG_TEXTS`: To store long texts

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Maintenance Notification	All instances of this migration object are relevant to the transfer option.	Create Maintenance Notification	Creates the maintenance notification in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Notification Number	Display PM Notification (app ID IW23)	`CNV_PE_S4_PM_NOTIF_CREATE`
		Define DIR Links	Defines the DIR links in SAP S/4HANA system.	If the migration object instance has DIR links	Not relevant	Not relevant	`CNV_PE_S4_CA_DIR_OBJ_LINKS`

APIs/BAPIs Used in Migration-Specific Function Modules

Migration-specific function modules are used in this migration object. These function modules use standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_NOTIF_CREATE`

APIs/BAPIs

- `BAPI_ALM_NOTIF_CREATE`
- `BAPI_ALM_NOTIF_SAVE`

Function Module: `CNV_PE_S4_CA_DIR_OBJ_LINKS`

APIs/BAPIs

- `BAPI_DOCUMENT_CHANGE2`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IW22
Display	IW23

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.103 PM - Maintenance plan

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate maintenance plan data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Maintenance Plan**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Preventive Maintenance* > *Maintenance Planning* > *Maintenance Plans* Component: PM
Business Object Type	Master data

Business Object Definition	A list of maintenance and inspection tasks to perform on maintenance objects. The dates and scope of the tasks are also defined in the maintenance plan. There are three types of maintenance plans: • Single cycle plans (time or performance-based) • Strategy plans (time or performance-based) • Multiple counter plans
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives maintenance planning plants from the company codes you specified when defining the migration scope. This migration object automatically selects relevant maintenance plans from the `MPLA` table for the derived maintenance planning plants.

> **i** Note
>
> Deleted maintenance plans are excluded from data selection

In Scope

The following data is set for migration to SAP S/4HANA:

- Time-based maintenance plans
  - Strategy plans
  - Single-cycle plans
- Maintenance plan items
- Long texts for maintenance plans and maintenance plan items

Out of Scope

- Performance-based maintenance plans
  - Multi-counter plans
  - Strategy plans
  - Single cycle plans
- Settlement rules for maintenance plan items
- Object list items for maintenance plan items

- Individual accounting and location data

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, ensure the following Customizing in the target system:

- Define an external number range for maintenance items and
- Provide external numbers in the **Maintenance Item** mapping task.

Since this migration object generates both migration items and maintenance plans, the Customizing described above enables the generation of maintenance items.

After a successful migration, you can adjust the number ranges to internal.

You have migrated or defined settings in the following migration objects:

- PM - Equipment
- PM - Equipment task list
- PM - Functional location
- PM - Functional location task list
- PM - General maintenance task list
- PP - Work center
- SD - Sales contract

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`I_TCODE` (PM: Transaction Code)

`I_BEGRP` (PM: Authorization Group)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_MAINTENANCE_PLAN`

Virtual Table

`MPLA_TEXT`: To store long texts for maintenance plans

Note that virtual table do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Maintenance Plan	All instances of this migration object are relevant to the transfer option.	Create Maintenance Plan	Creates a maintenance plan in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Maintenance Plan	Find Maintenance Plans (app ID F3622)	`MPLAN_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IP02
Display	IP03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.104 PM - Maintenance item

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the maintenance item data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria selected for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Maintenance Item**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Preventive Maintenance* > *Maintenance Planning* > *Maintenance Plans* > *Maintenance Items* Component: PM
Business Object Type	Master data
Business Object Definition	A description of the maintenance and inspection tasks required at regular intervals for maintenance objects. You can specify the reference objects directly in the maintenance item or by using an object list. You can describe the required activities in a maintenance task list that you assign to the maintenance item.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives maintenance planning plants from the company codes you specified when defining the migration scope. This migration object automatically selects relevant maintenance items from the `MPOS` table for the derived maintenance planning plants. The relevant maintenance items are those items that are not assigned to any maintenance plans.

> **i** Note
>
> Maintenance items assigned to the maintenance plan are migrated with the **Maintenance plan** migration object.

In Scope

The following data is set for migration to SAP S/4HANA:

- Planning data
- Task lists

Out of Scope

- Settlement rules for maintenance plan items
- Object list items for maintenance plan items
- Individual accounting and location data

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- PM - Equipment
- PM - Equipment task list
- PM - Functional location
- PM - Functional location task list
- PM - General maintenance task list

- PP - Work center
- SD - Sales contract
- CO - Cost center

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`I_TCODE` (PM: Transaction Code)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_MAINT_PLAN_ITEM`

Virtual Table

`MPOS_TEXT`: To store long texts for maintenance plan items

Note that virtual table do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Maintenance Item	All instances of this migration object are relevant to the transfer option.	Create Maintenance Item	Creates a maintenance item in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Maintenance Item	Find Maintenance Items (app ID F3621)	`MPLAN_ITEM_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IP05
Display	IP06

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.105 PP - Material MRP assignment

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material MRP data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interface (API).

Related Business Object: **Material Master**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* Component: LO-MM
Business Object Type	Master data
Business Object Definition	The total of all material master records. A company manages the data on all its materials in the material master..
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects MRP data from the `MDMA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- MRP area type 02 (Storage Location)
- MRP area type 03 (Subcontractor)
- Forecast parameters at the MRP level

Out of Scope

Consumption values

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Product** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_STA` (Material Master: Maintenance Statuses)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_MATERIAL_MRP_AREA`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Material MRP Assignment	All instances of this migration object are relevant to the transfer option. If the migration object instance is classified as an asset.	Update Material MRP	Updates material MRP data in the SAP S/4HANA system.	Not relevant	Product	Manage Product Master (app ID F1602)	`MD_MRP_LEVEL_CREATE_DATA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM02

Display	MM03 **i Note** To verify the data, choose the *MRP1* tab and then choose the *MRP Areas* button. From the MRP areas list, select an item to display information about that MRP area.

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.106 PP - Work center

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate work center data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Work Center**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master data* > *Work centers* > *Work center* Component: PP-BD-WKC
Business Object Type	Master data

Business Object Definition	Organizational unit that defines where and by whom an operation is performed. The work center has an available capacity. The activities performed at or by the work center are valuated by charge rates, which are determined by cost centers and activity types. Work centers can be: • Machines • People • Production lines • Groups of craftsmen
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all work centers from the `CRHD` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data

  > **i Note**
  >
  > By default, the **PP - work center** migration object migrates the work center description in the logon language. If the work center description is not available in the logon language, the migration object migrates the first available description.

- Default values
- Capacities
- Scheduling information
- Costing information

  > **i Note**
  >
  > The **PP - work center** migration object migrates the work center and the current cost center assignment.

- Technical data

Out of Scope

Work centers set for deletion

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Activity type

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_ARPL_WRK` (CIM: Work center- plant)

`C_ARPL_ART` (CIM: Work center category)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PM_WORKCENTER`

Virtual Tables

`CRCO_RCVAPI`: To handle work center assignments to cost centers.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Work Center	All instances of this migration object are relevant to the transfer option.	Create Work Center	Creates the work center in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Work center • Plant	Display Work Center (app ID CR03)	`CNV_PE_S4_PM_CREATE_WORKCENTER`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PM_CREATE_WORKCENTER`

APIs/BAPI

`CRAP_WORKCENTER_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CR02
Display	CR03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.107 PP - Production order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate production order data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Production Order**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Shop Floor Control* > *Order* Component: PP-SFC
Business Object Type	Transactional data
Business Object Definition	An authorization from the production department to produce a specific quantity of material within a predefined time. The production order contains all the information required for the execution of the production process.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All production orders from the `AUFK` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Production orders with materials
- Production orders for sales orders
- Production orders for projects
- Production orders with create status
- Production orders with release status
- Production orders with technically complete status

> **i** Note
>
> Production orders you set for deletion in the source ERP system are not migrated

Out of Scope

- Production orders without materials
- Collective conversion of planned orders
- Production orders from planned orders
- Order combinations
- Fashion data
- Production orders with lock status
- Production orders with unlock status
- Production orders with close status

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Product
- PP - Material BOM
- PP - Production version
- PP - Routing
- PS - Project

- SD - Sales order (only open SO)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_AFKO_ATY` (CIM: Order Category)

`C_AFKO_AWA` (CIM: Authorization for Prod. Order/Order Type/Plant/Activity)

`C_AFKO_AWK` (CIM: Plant for Order Type of Order)

`C_STUE_BER` (CS BOM Authorizations)

`C_STUE_WRK` (CS BOM Plant (Plant Assignments)

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_PRODUCTION_ORDER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Production Order	All instances of this migration object are relevant to the transfer option.	Create Production Order	Creates the production order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Production Order • Production Order Type	Display Production Order (app ID CO03)	BAPI_PRODORD_CREATE
		Change Production Order	Changes the production order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_PP_PRODUCTION_ORDER

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PP_PRODUCTION_ORDER`

APIs/BAPIs

- `BAPI_PRODORD_RELEASE`
- `BAPI_PRODORD_COMPLETE_TECH`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CO02
Display	CO03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.108 PP - Production resource/tool

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate production resource/tool (PRT) data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Production Resource/Tool**

Business Object Component/Area	User Menu Path: *Logistics* > *Production - Process* > *Master Data* > *Production Resources/Tools* > *Production Resources/Tools* > *PRT Master (Misc.)* Component: PP-BD-PRT
Business Object Type	Master data

Business Object Definition	A moveable operating resource used in production or plant maintenance.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Defaults
- Deletion flags
- Long texts
- Formula constants
- Document data

> ℹ Note
>
> The **Object classification (general template)** migration object transfers classification data.

Out of Scope

Change documents

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration object:

Document info record (DMS)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_CRFH_BRG` (Create Production Resource/Tool)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_MISC_PRT`

Virtual Tables

- `AS_DOC`: To handle document info record assignments
- `AS_TEXT_LINES`: To handle long texts

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Create PRT	All instances of this migration object are relevant to the transfer option.	Create PRT	Creates a production resource or a tool in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Production Resource/Tool	Display PRT (app ID CF03)	`CNV_PE_S4_PP_MISC_PRT`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PP_MISC_PRT`

APIs/BAPIs

- `CF_ST_FHM_UPDATE`
- `DOCUMENT_ASSIGNMENT_DIRECT`
- `DOCUMENT_ASSIGNMENT_REFRESH`
- `INIT_TEXT`
- `SAVE_TEXT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CF02
Display	CF03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.109 PP - Routing

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate routing data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Routing Group**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master Data* > *Routings* > *Routings* > *Standard Routings* Component: PP-BD-RTG
Business Object Type	Master data
Business Object Definition	A description of the production process used to manufacture plant materials or provide services in the manufacturing industry.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all routing groups from the `PLKO` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Routing data with the task list type "N"
- Modified records using engineering change numbers (ECN)
- Task list header data
- Material task list assignments
- Sequences
- Operations
- Suboperations
- Global object dependencies for operations and sequences
- Component assignments
- Production resources/tools
- Long texts

> **i Note**
>
> Routing group data you set for deletion in the source ERP system is not migrated.

> **i Note**
>
> If you selected production resource/tools data, ensure that the following migration objects are available in the SAP S/4 HANA system:
>
> - PM - Equipment
> - Document info record (DMS)

Out of Scope

- Local object dependencies
- Global object dependencies for production resources/tools
- Routing group data created with ECN
- Other task list types: "0", "2", "3", "A", "E","M", "Q", "R", "S", "T", "V"

> **i Note**
>
> If you have multiple steps for migration, you can simulate the initial routing group data created without ECN.
>
> During the migration phase, errors may occur for features that were not in scope during simulation, even though simulation was successful.

Prerequisites

For consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

- If you need standard text keys in routing data, you have configured the keys in the SAP S/4 HANA system.
- Before migrating routing data, you have set the `ROUTING_N` number range object to external number range in the target system. After migration, you can choose to set the number range object back to internal number range.

You have migrated or defined settings in the following migration objects:

- ECM - Change master
- PP - Material BOM
- PP - Work center
- Product

> **i Note**
>
> If you selected production resource/tools data, ensure that the following migration objects are available in the SAP S/4 HANA system:
>
> - PM - Equipment
> - Document info record (DMS)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_ROUT` (Authorizations for Routing)

Select all values for the `ACTVT` field except **41**.

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_ROUTING_01`

Virtual Tables

- `COM`: To handle component allocations
- `SUBOPR`: To handle suboperations

- SEQTAB: To handle activities of sequences
- TEXT_HDR: To handle header long texts
- TEXT_ITEM: To handle item long texts
- PRT_TAB: To handle PRT items and activities
- CSLA_TAB: To handle the controlling area of operations activity types
- PLKO_TAB: To handle header ECN records
- DEP_TAB: To handle global object dependencies for routing

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Routing	All instances of this migration object are relevant to the transfer option.	Create Routing	Creates the routing in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Key for Task List Group • Group Counter	Display Routing (app ID CA03)	BAPI_ROUTING_CREATE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CA02
Display	CA03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.110 PP - Material BOM

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material BOM data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Material BOM**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master Data* > *Bills of Material* > *Bill of Material* > *Material BOM* > *Create* Component: PP-BD
Business Object Type	Master data

Business Object Definition	A bill of material created with reference to a material master. The BOM can contain items of different item categories such as stock items, non-stock items, document items, and text items.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope.

This migration object automatically selects material BOMs from the `MAST` table for the derived plants

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- BOM items
- BOM sub-items
- BOM long texts
- Alternative long texts
- Item long texts
- BOM local dependency
- All alternative BOM numbers (from 01 to 99)
- Modified records that use engineering change numbers

> **i Note**
>
> Material BOMs you set for deletion in the source ERP system are not migrated

Out of Scope

- Fashion material BOM
- Sub items with change numbers
- Document assignment for linked documents
- BOM item classification
- Deletion of BOM headers, items and dependencies
- Class item categories
- Document item categories
- Configurable material BOM

- BOM local dependencies of the type: Action
- Deleted records that do not use engineering change numbers

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Class
- Characteristic
- ECM - Change master
- FI - G/L account
- Product
- VC - Object dependency and dependency net
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_TCLA_BKA` (Access to Classes Using the Class Type)

`C_STUE_NOH` (Create/Update/Display of BOM which has a History Requirement without using a Change Number)

`C_STUE_BER` (Create/Update/Display of Bills of Material)

`C_STUE_WRK` (Create/Update/Display the Allocation of a BOM to a Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_MATERIAL_BOM`

Virtual Tables

- `CSDEP_DAT`: To handle the basic data of a dependency
- `CSDEP_DESC`: To handle object dependency descriptions

- CSDEP_ORD: To handle sort sequences of object dependencies
- CSDEP_SORC: To handle the source code of object dependencies
- CSDEP_DOC: To handle object dependency documentation
- CSDOC_LINK: To handle document assignments
- CSDMU_TMX: To handle DMU transformation matrixes
- CSLTX_LINE: To handle long texts

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Material BOM	All instances of this migration object are relevant to the transfer option.	Create Material BOM	Creates the material BOM in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Plant • BOM Usage	Maintain Bill Of Material (app ID F1813)	CNV_PE_S4_PP_MATERIAL_BOM_ECN

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_PP_MATERIAL_BOM_ECN

APIs/BAPIs

- CSAI_BOM_MAINTAIN
- CSAP_MAT_BOM_MAINTAIN

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CS02
Display	CS03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.111 PP - Planned independent requirement

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate planned independent requirement data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Planned Independent Requirement**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Production Planning* > *Demand Management* > *Planned Independent Requirements* Component: PP-MRP
Business Object Type	Transactional data
Business Object Definition	The required quantity of a product that is planned for a certain time period independently of a specific customer order.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

1. This migration object derives plants from the company codes you specified when defining the migration scope.
2. This migration object automatically selects materials from the `MARC` table for the derived plants.
3. This migration object also selects planned independent requirements from the `PBIM` table for the derived materials and plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Items
- Schedule lines

> **i Note**
>
> Independent requirements for materials you set for deletion in the source ERP system are not migrated

Out of Scope

- Configuration supporting points for schedule lines
- Withdrawal quantity of schedule lines (See SAP Note 793258)
- Item texts
- Schedule line texts

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Product** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_PPBD` (Authorizations for Planned Independent Requirements)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_PLANNED_IND_REQMNTS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Planned Independent Requirement	All instances of this migration object are relevant to the transfer option.	Create Planned Independent Requirement	Creates the planned independent requirement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material • Plant • Requirement Type • Version	Maintain PIRs (app ID F3445)	`BAPI_REQUIREMENTS_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MD62
Display	MD63

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.112 PP - Production version

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate production version data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Production Version**

Business Object Component/Area	User Menu Path: *Logistics* > *Production - Process* > *Master Data* > *Production Versions* Component: PP
Business Object Type	Master data
Business Object Definition	Key determining the various production techniques according to which a material is to be manufactured. You specify the following in the production version: • The BOM alternative for the BOM explosion • The task list type, the task list group, and the group counter for assignment to routings • Lot-size restrictions for repetitive manufacturing
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the production version of the materials from the `MKAL` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Production version general data (keys, lot-size ranges, validity periods)
- Detailed planning level

- Check status

> **Note**
>
> **For REM materials**: If the detailed planning level data is not maintained for the production version, "rate routing planning level" data is also migrated.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

For information about planning levels for production versions, see SAP Note 2270240. Implement the recommendations before migrating the production version.

You have migrated or defined settings in the following migration objects:

- PP - Material BOM
- PP - Routing
- Product

> **Note**
>
> If your production version refers to the master recipe, you need to include master recipe data in the relevant mapping task for data migration.

Roles and Authorizations

Source System

Non relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`C_FVER_WRK` (Production Version - Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_PRODUCTION_VERSION`

In SAP ERP, it is not necessary to have a production version for BOM explosion in Discrete Manufacturing. In SAP S/4HANA, use the `CS_BOM_PORDVER_MIGRATION02` report to create a production version based on existing BOMs and routings.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Production Version	All instances of this migration object are relevant to the transfer option.	Create Production Version	Creates a production version in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Plant • Production Version	Manage Product Master (app ID F1602)	`FV_PROD_VERS_MAINTAIN_MULTI`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	C223
Display	C223

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.113 PP - Sales order BOM

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bills of material data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Material Master**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Bill of Materials* > *Bill of Material* > *Order BOM* Component: PP-BD
Business Object Type	Master data

Business Object Definition	A single-level BOM that you generate for a sales order from a material BOM, and that you modify specific to the order. In this way, the material BOM remains unchanged. An order BOM is uniquely identified by the sales order number, the sales order item, and the material number. Order BOMs can be created for configurable and non-configurable materials.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects bills of material from the `KDST` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Bills of material of type "K" (material-based)
- Header data
- Component item data
- Sub-items
- Long texts
- Change numbers

> **i** Note
>
> Materials you set for deletion in the source ERP system are not migrated.

Out of Scope

- Component item C - Compatible unit
- Component item I - PM structure element
- Component item M - Intra-material
- Component item R - Variable size item

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- SD - Sales order (only open SO)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_TCLA_BKA` (Access to Classes Using the Class Type)

`C_STUE_NOH` (Create/Update/Display of BOM which has a History Requirement Without Using a Change Number)

`C_STUE_BER` (Create/Update/Display of Bills of Material)

`C_STUE_WRK` (Create/Update/Display the Allocation of a BOM to a Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_SALES_ORDER_BOM`

Virtual Tables

- ITM_TXT: To store item long texts
- BOM_TXT: To store BOM long texts
- DRAD_ITM: To store document links

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Sales Order BOM	All instances of this migration object are relevant to the transfer option.	Create Sales Order BOM	Creates the sales order BOM in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Alternative BOM • BOM Usage • BOM Category • Sales Order • Sales Order Item • Plant	Display Sales Order BOM (app ID F4339)	`CNV_PE_S4_PP_SALESORDER_BOM`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PP_SALESORDER_BOM`

APIs/BAPIs

`CSAI_BOM_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CS62
Display	CS63

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.114 PP - Work breakdown structure BOM

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate WBS BOM data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using both Application Programming Interfaces (APIs) and Business Application Programming Interfaces (BAPIs).

Related Business Object: **WBS BOM**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master Data* > *Bills of Material* > *Bill of Material* > *WBS BOM* Component: PP
Business Object Type	Master data

Business Object Definition	A BOM that is allocated to a WBS (work breakdown structure) element.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all WBS BOMs from the `PRST` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- BOM headers
- BOM items
- Subitems

Out of Scope

- Fashion data
- Classification of BOM items

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document Info Record (DMS)
- ECM - Change master
- FI - G/L account
- Product
- PS - Project
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `C_STUE_BER` General Authorization Object for Processing BOMs
- `C_STUE_WRK` Authorization Object for BOM Plant
- `C_STUE_BKA` Access to Classes using the Class Type
- `C_STUE_NOH` Authorization to Process BOM without Change Numbers

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PP_WBS_BOM`

Virtual Tables

- `BOM_TXT`: To store BOM header long texts
- `ITM_TXT`: To store BOM item long texts
- `DRAD_ITM`: To store documents assigned to BOM

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate WBS BOM	All instances of this migration object are relevant to the transfer option.	Create WBS BOM	Creates the WBS BOM in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• WBS Element • Material Number • Plant • BOM Usage	Display WBS BOM (app ID CS73)	`CNV_PE_S4_PP_WBS_BOM`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_PP_WBS_BOM`

APIs/BAPIs

- `CSAI_BOM_MAINTAIN`
- `BAPI_DOCUMENT_SAVEOBJECTLINKS`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change WBS BOM	CS72
Display WBS BOM	CS73
Project Browser	CSPB

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.115 Pricing condition (purchasing and sales)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate pricing condition data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Pricing Condition**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* > *Purchasing* > *Master Data* > *Conditions* *Logistics* > *Sales and Distribution* > *Master Data* > *Conditions* Components: MM-PUR and SD
Business Object Type	Master data
Business Object Definition	Sales: A data element used to define prices according to criteria selected by the user. Purchasing: The terms of payment negotiated with a vendor, such as surcharges or discounts. Pricing conditions determine how the system calculates the effective price in a purchase order.

Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

Additional selection criteria

All pricing condition records belonging to Sales and Distribution and Purchasing are automatically selected provided the following conditions are met:

- *Condition Usage* field (`KVEWE`) is set as A (pricing) AND
- *Application* field (`KAPPL`) is set as M (purchasing) AND V (sales)

In Scope

The following data is set for migration to SAP S/4HANA:

- Pricing conditions for prices, surcharges and discounts
- Condition headers
- Condition items
- Quantity and value scales

> **i** Note
>
> Pricing condition records used in purchase contracts, purchase info records, sales contracts, and scheduling agreements are migrated as part of the relevant migration objects.

Out of Scope

- Exclusion indicators
- Condition texts
- Additional data (assignments)
- Pricing condition records that belong to applications not in Sales and Purchasing.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Customer
- Product
- PS - Project
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `V_KONH_VKS` (Condition: Authorization for Condition Types)
- `V_KONH_VKO` (Condition: Authorization for Sales Organizations)
- `V_KONH_EKO` (Purchasing Organization in Master Condition)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_SD_PRICING_CONDITION`

Virtual Tables

- `COND_KEY_FIELDS`: To store information of condition key fields
- `COND_SCALES`: To store information of scales data
- `COND_VALIDITY`: To store information of condition validity periods

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Pricing Condition	All instances of this migration object are relevant to the transfer option.	Create Condition Record	Creates the condition record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Condition Record Number • Application • Condition Type	Not relevant	`COND_GEN_MIGRATION_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Condition Maintenance: Display	VK33
Display Condition Records	MEK3

Display Condition Records	VK13

Further Information

For information about key field combinations for price conditions, see SAP Note 2332748.

Available Migration Objects [page 2] in SAP S/4HANA.

1.116 Product

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

> **i** Note
>
> This migration object refers to products in the target SAP S/4HANA system.

Related Business Object: **Material Master**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* > *Material Master* > *Material* Component: LO-MD-MM
Business Object Type	Master data
Business Object Definition	The total of all material master records. A company manages the data on all its materials in the material master.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all products from the `MARC` table for the derived plants.

Additional selection criteria

- This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects products from the `MVKE` table for the derived sales organizations.
- This migration object derives valuation areas from the company codes you specified when defining the migration scope. This migration object automatically selects products from the `MBEW` table for the derived valuation areas.

> **i Note**
>
> If a products in the source system is extended to multiple plants: After data migration, the product in the target system is extended to only the subset of plants assigned to the participating company codes.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Material descriptions
- Material data at the plant level
- Forecast parameters
- Storage location data
- Valuation data
- Warehouse data
- Sales data
- Storage type data
- Unit of measurement
- International article numbers
- Tax classification data
- Forecast parameters
- Material change history
- Long texts
- Document links
- Replenishment data
- Material ledger prices
- Planning data
- Inspection setup
- Internal numbers
- Materials set for deletion

Out of Scope

- Product resource/tool (PRT) data
- Joint production data
- Material MRP data
- Material classifications
- Production versions

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Material types
- Material groups

You have migrated or defined settings in the following migration objects:

- Characteristics
- Classes
- CO - Profit center
- ECM - Change master

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

- `M_MATE_STA` (Material Master: Maintenance statuses)
- `M_MATE_NEU` (Material Master: Create)
- `M_MATE_MAN` (Material Master: Data at Client Level)
- `M_MATE_MAT` (Material Master: Materials)
- `M_MATE_MAR` (Material Master: Material Types)
- `M_MATE_WGR` (Material Master: Material Groups)
- `M_MATE_WRK` (Material Master: Plants)
- `M_MATE_LGN` (Material Master: Warehouse Numbers)
- `M_MATE_VKO` (Material Master: Sales Organizations/Distribution Channel)
- `M_MATE_BUK` (Material Master: Company Codes)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_MATERIAL_N`

> **i** Note
>
> If the data provided by you in the mapping already exists in the target system:
>
> After data migration, the data in the views are overwritten with data from the source system and the migration may end in errors. Hence, to avoid the overwriting of the target data, provide new data in the relevant mapping tasks.

Virtual Tables

- `MATERIAL_LONTEXT`: To identify material long texts
- `SALES_TEXT`: To identify sales texts
- `PLANT_TEXT`: To identify plant texts
- `MATERIAL_TAXCLASS`: To identify material tax classification data
- `MATERIAL_CHN`: To identify material change numbers

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Product	All instances of this migration object are relevant to the transfer option.	Create Product	Creates a product in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number	Manage Product Master (app ID F1602)	`CMD_MIG_PROD_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM02
Display	MM03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.117 PS - Network

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate network master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Network**

Business Object Component/Area	Component: PS
Business Object Type	Transactional data
Business Object Definition	An object containing instructions on how to perform tasks in a specific way, in a specific order, and in a specific time period.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All networks from the `AUFK` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Scheduling data for network headers
- Assignment data for network headers
- Control data for network headers
- All networks across all system statuses

Note that the information given here is not exhaustive.

Out of Scope

- Long texts for network headers
- Activity data
- Relationship data
- Activity element data
- Milestone data
- System statuses

- User statuses

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Profit center
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_PS_NETWORK`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Project System Network	All instances of this migration object are relevant to the transfer option.	Create Project System Network	Creates the project system network in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	•	Network	Project Builder - Display Network (app ID OLR3_CJ20N)	`BAPI_BUS2002_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CJ20N
Display	CJ20N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.118 PS - Project

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate projects data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Project**

Business Object Component/Area	User Menu Path: *Logistics* > *Project System* > *Project* Component: PS
Business Object Type	Master data
Business Object Definition	A project is a summary of certain business processes within a company. They can be defined as a plan distinguished by the uniqueness of their conditions. A project: • Has a clear goal • Is restricted by time due to a defined beginning and a defined end • Is characterized by its uniqueness and newness • Is complex and cannot be carried out without a structural outline • Has defined costs and a defined budget based on the tasks involved • Is carried out within a project-related organization • Requires defined resources • Is processed interdisciplinarily A project is structured according to two points of view: • By structure • By process
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Relevant projects (that is, except closed and deleted projects) from the PROJ table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Project definition data
- WBS elements
- WBS hierarchies
- WBS milestones
- Networks
- Activities
- Activities milestones
- Relationships

Out of Scope

- Long texts
- System statuses in the ERP system (Note that in the SAP S/4HANA system, the project is assigned the status **Created** or "CRTD".)
- User statuses
- Settlement rule assignments
- Material reservation creation
- PS texts for WBS elements and activities
- PS documents
- Cost postings
- Confirmation data
- Excluded fields:

Fields	Tabs	Node
Forecast Start Date, *Forecast End Date*, and *Location*	*Basic Data*	*Project*
Project Summarization check box	*Basic Data*	*WBS*
*External Factor*and *Reduction Strategy per Operation*	*Internal*	*Activity*
Sort Term, *Requistioner*, *Tracking Number*, *Execution Factor*, and*Unloading Point*	*External*	*Activity*
Early/Late	*Dates*	*Activity*

Fields	Tabs	Node
Change Number	*Assignments*	*Activity*
Wage Type, *No. Time Tickets*, and *No. Conf Slips*	*Additional Data*	*Activity*

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- MM - Purchasing info record
- PM - Equipment
- PM - Functional location

Roles and Authorizations

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`C_PROJ_KOK` (PS: Controlling Area for Project Definition)

`C_PRPS_KOK` (PS: Controlling Area Authorization for WBS elements)

`C_AFKO_ACT` (Activities on Network Header Level)

`C_PRPS_KST` (PS: Cost Center Authorization for WBS elements)

`C_MLST_BGR` (PS: Milestones (Authorization Group))

`C_PRPS_USR` (PS: Model for User Field Authorization for WBS Elements)

`C_PRPS_PRC` (PS: Profit Center Authorization for WBS Elements)

`C_PROJ_PRC` (PS: Profit Center for Project Definition)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_PS_PROJECT_STRUCTURE`

Mapping Task Info

This migration object does not automatically update value mapping for networks created with internal number ranges in the target system. Hence, you need to maintain the value mapping for networks before migrating other network-related migration objects.

Virtual Tables

- `ACT_MILESTONE`: To store network activity milestones
- `AFVC_EXTRA`: To store additional `AFVC` fields
- `RELTN`: To store network relationships
- `AFKO_TECH`: To store additional `AFKO` fields
- `METHOD_PROJ`: To store creation methods

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Project	All instances of this migration object are relevant to the transfer option.	Create Project Structure	Creates a project structure in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Project Definition	Project Builder (app ID OLR3_CJ20N)	`CNV_OT_APPL_PE_S4_WRAP_PS`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_PE_S4_WRAP_PS`

APIs/BAPIs

`BAPI_PROJECT_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Project Builder	CJ20N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.119 QM - Inspection method

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate inspection method data and assigned classification values from the source ERP system to the target S/4 HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Inspection Method**

Business Object Component/Area	User Menu Path: *SAP Menu* > *Logistics* > *Quality Management* > *Quality Planning* > *Basic Data* > *Inspection Method* Component: QM-PT-BD
Business Object Type	Master data
Business Object Definition	Describes the procedure for inspecting a characteristic. Inspection methods are created as master records and assigned to master inspection characteristics or inspection plans. Several inspection methods can be assigned to a master inspection characteristic.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Inspection method validity date for a plant (In released status)
- Input characteristics for inspections
- Inspection authorization groups
- Inspector qualification
- Header data for inspection method
- Short text and long text values in multiple languages
- Material classifications
- Information fields
- *Search field* values
- Production resources/tools
- Long texts

> **i Note**
>
> Inspection methods you set for deletion in the source ERP system are also migrated.

Out of Scope

Inspection documents

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Plants
- Inspector qualifications

You have migrated or defined settings in the **Object classification (general template)** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_STA` (Material Master: Maintenance Statuses)

`M_MATE_MAT` (Material Master: Materials)

`Q_TCODE` (QM Transaction Authorization)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_QM_INSPECTION_METHOD`

Virtual Tables

- `INSPECTION_METHOD`: To store header data for inspection methods

- `INSP_METH_TEXT`: To store descriptions in multiple languages
- `INSP_METH_LONGTEXT`: To store long texts in multiple languages

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Inspection Method	All instances of this migration object are relevant to the transfer option.	Create Inspection Method	Creates the inspection method in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Inspection Method Name	Display Inspection Method (app ID QS34)	`BAPI_QMTB_SAVEREPLICA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	QS33
Display	QS34

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.120 QM - Inspection plan

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate inspection plan data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Inspection Plan**

Business Object Component/Area	User Menu Path: *Logistics* > *Quality Management* > *Inspection Planning* > *Inspection Plan* Component: QM
Business Object Type	Master data

Business Object Definition	The quality inspection plan defines how an item is to be inspected. The plan also establishes how the inspection is to take place, the item characteristics to be inspected, and all the required test equipment that is needed for the inspection.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the inspection plans from the `PLKO` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Task list header data
- Task list type: "Q"
- Operations
- Material assignments
- Inspection characteristics
- Production resources/tools
- Long texts

> **i Note**
>
> Inspection plans you set for deletion in the source ERP system are not migrated.

Out of Scope

- Dependent characteristics
- Inspection characteristics values
- Other task list types, such as "0", "2", "3", "A", "E" "M", "N", "R", "S", "T", "V"
- Engineering change numbers for inspection plans

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following settings in the target system:

Standard text keys

You have migrated or defined settings in the following migration objects:

- Product
- PP - Work center
- QM - Master inspection characteristic
- QM - Inspection method
- PM - Equipment
- CA - Document info record (DMS)
- PP - Production resource/tool

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`Q_ROUT` (Authorizations for Routing)

`C_PLKO_PLG` (PS: Planner Groups for Standard Networks)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_QM_INSPECTION_PLAN`

Virtual Tables

- `CSLA_TAB` : To store activity types for controlling areas
- `PRT_TAB`: To store production resources/tools
- `TEXT_HDR`: To store text headers with inspection plan details
- `TEXT_ITEM`: To store texts
- `CHRD_PLKO`: To store task-specific information for work center details

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Inspection Plan	All instances of this migration object are relevant to the transfer option.	Create Inspection Plan	Creates inspection plans in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Key for Task List Group	Display Inspection Plan (app ID QP03)	`BAPI_INSPECTIONPLAN_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change Inspection Plan	QP02
Display Inspection Plan	QP03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.121 QM - Master inspection characteristic

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate master inspection characteristic data from the source ERP system to the target SAP S/4 HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Inspection Characteristics**

Business Object Component/Area	User Menu Path: *Logistics* > *Quality Management* > *Basic Data* > *Inspection Characteristics* Component: QM-PT-BD-ICH
Business Object Type	Master data
Business Object Definition	Inspection characteristic that can be used in several inspection plans and can be evaluated independently of an inspection plan. Master inspection characteristics facilitate and standardize inspection planning. When creating an inspection plan, it is possible to access the data from the inspection characteristic record, as well as to create inspection plan-specific inspection characteristics.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects inspection characteristics from the QPMK table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Master inspection characteristics
- Inspection methods
- Short texts and long texts in the defined languages
- Sample-drawing texts

Out of Scope

Classifications

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- QM - Inspection method
- Catalog code group and code
- Characteristic
- QM - Selected set
- QM - Selected set code

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`Q_STA_QPMK` (Maintain Master Inspection Characs. Depending on Status)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_QM_MASTER_INSP_CHARAC`

Virtual Tables

- `AS_SHORT_TEXT`: To handle short texts
- `AS_SAMP_DR_TEXT`: To handle sample drawing texts
- `AS_INT_CHARAC`: To handle internal and external formats for characteristics

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Master Inspection Characteristic	All instances of this migration object are relevant to the transfer option.	Create Master Inspection Characteristic	Creates the master inspection characteristic in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Master Inspection Characteristic • Version Number of the Master Inspection Characteristic • Plant	Not relevant	`BAPI_QPMK_SAVEREPLICA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	QS22
Display	QS23

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.122 QM - Quality info record

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate quality info record data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Quality Info Record**

Business Object Component/Area	User Menu Path: *Logistics* > *Quality Management* > *Logistics Master Data* > *Quality Info record:Procurement* Component: QM-PT-RP-PRC
Business Object Type	Transactional data
Business Object Definition	If a quality assurance agreement or a vendor release is required for a material, you must create a quality information record (quality info record). The quality info record determines how the material can be processed further.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plant from the company codes you specified when defining the migration scope. This migration object automatically selects the quality info records from the `QINF` table for the derived plant.

In Scope

The following data is set for migration to SAP S/4HANA:

Quality info records (Procurement)

Out of Scope

- Classifications
- Long texts
- Change documents
- Records marked for deletion
- Status profiles
- Quality agreements

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Product
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`Q_MATERIAL` (Material authorization)

`Q_TCODE` (QM Transaction authorization)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_QM_QUAL_INFO_REC`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Quality Info Record	All instances of this migration object are relevant to the transfer option.	Create Quality Info Record	Creates the quality info record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Internal Counter for DB Objects • Supplier • Plant	Not relevant	QBCK_QINF_CREATE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	QI02
Display	QI03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.123 QM - Selected set

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate selected set data for inspection catalogs from the source ERP system to the target S/4 HANA system based on the default selection criteria set for the migration object. This migration technique posts data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Inspection Catalog Selected Set**

Business Object Component/Area	User Menu Path: *SAP Menu* > *Logistics* > *Quality Management* > *Quality Planning* > *Basic Data* > *Catalog* > *Selected Set* Component: QM-PT-BD-CAT
Business Object Type	Master data
Business Object Definition	A range of specific entries (code groups and codes), of a catalog. A selected set enables the user to choose only those code groups and codes of a catalog that are required or allowed for a specific purpose.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Selected sets
- Master record statuses

> **i** Note
>
> Selected sets that you set for deletion in the source ERP system are also migrated.

Out of Scope

Classifications

Prerequisites

For a consistent migration, you have ensured that all the relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Catalog code group and code
- CO - Profit center

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`Q_CAT_SSET` (Catalog Maintenance of Selected Sets)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_QM_INSP_CAT_SEL_SET`

Virtual Tables

- `I_QPAM`: To store the header details of selected sets
- `I_LONG_TEXT_TAB`: To store long texts in multiple languages

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Selected Set	All instances of this migration object are relevant to the transfer option.	Create Selected Set	Creates the selected set in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Selected Set Name	Display Selected Sets (app ID QS52)	`QPAM_SELECTED_SET_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	QS52
Display	QS53

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.124 QM - Selected set code

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate selected set code data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Selected Set**

Business Object Component/Area	Component: QM-PT-BD-CAT
Business Object Type	Master data

Business Object Definition	Selected set: A range of specific entries (code groups and codes) of a catalog. A selected set enables the user to choose only those code groups and codes of a catalog that are required or allowed for a specific purpose. Selected set code: Codes that are copied into a selected set are known as set codes. You use selected sets to combine codes from several code groups for processing that are allowed or useful for a particular application.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically picks up all selected set codes from the `QPAC` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

Selected set codes for the selected sets in the source system

Out of Scope

Classification data

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Catalog code group and code
- QM - Selected set

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`Q_CAT_SSET` (Catalog Maintenance of Selected Sets)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_QM_SEL_SET_CODE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Selected Set Code	All instances of this migration object are relevant to the transfer option.	Create Selected Set Code	Creates the selected set code in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Plant • Catalog • Selected Set • Code Group • Code	Not relevant	`QPAM_SELSET_CODE_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Edit	QS51
Display	QS53

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.125 RE-FX - Real estate contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate real estate contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Real Estate Contract**

Business Object Component/Area	Component: RE-FX
Business Object Type	Transactional data
Business Object Definition	A contract in real estate management. The real estate contract is used to record all contracts related to real estate. Examples: • Lease-out • Lease-in • Purchase • Maintenance • Service • Security deposit agreement
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All real estate contracts from the `VICNCN` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data
- Partners
- Term data
- Objects
- Differing measurements
- Posting parameters
- Conditions
- Adjustment data
- Option rate methods
- Resubmission data
- Overviews
- Sales-based rent agreement data
- CO settlement rule data

Note that the information given here is not exhaustive.

Out of Scope

- Change documents
- Document management data
- Memos
- Profit segment data for CO settlement rules
- Settlement participation data
- Assignments of house bank accounts

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Business partner
- CO - Cost center
- CO - Internal order
- CO - Profit center
- FI - G/L account
- FI - House bank
- Fixed asset (including balance)
- PM - Equipment
- RE-FX - Building
- RE-FX - Land
- RE-FX - Rental object

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `FI_GRU_BUK` (Real Estate: property - Authorization for Company Code/Business Entity)
- `FI_RE_BRGRP` (Real Estate: Authorization Group)
- `FI_REBD_AO` (Real Estate: Architectural Object)
- `K_VRGNG` (CO: Business Transaction, Actual Postings and Planned/Actual Allocations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_REFX_CONTRACT`

Virtual Tables

- `VITMPY_OBJ`: To handle posting terms
- `MEASCN_OBJREF`: To handle contract measurements
- `OBJ_REF`: To handle objects
- `ART_CAL_DIST_OBJ`: To handle conditions
- `AS_CO_SETTLE`: To handle CO settlement rule allocations
- `AS_SSTAT`: To handle system statuses
- `AS_USTAT`: To handle user statuses

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Real Estate Contract	All instances of this migration object are relevant to the transfer option.	Create Real Estate Contract	Creates the real estate contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Contract	Contract Management (app ID F5273)	`BAPI_RE_CN_CREATE`
		Update Status and Sales Report	Updates the status and sales report in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_REFX_CNSTAT`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_REFX_CNSTAT`

APIs/BAPIs

- `BAPI_RE_CN_CHANGE`
- `BAPI_RE_CN_SALES_REP_REPORT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	RECN
Display	RECN

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.126 RE-FX - Architectural object

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate architectural object data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Architectural Object**

Business Object Component/Area	User Menu Path: *Accounting* > *Flexible Real Estate Management* > *Master Data* > *Architecture Master Data* > *Process Architectural Object* Component: RE-FX-BD
Business Object Type	Master data
Business Object Definition	A part of an architectural view. Each architectural object must be assigned to an architectural object type (for example, room or building). Architectural objects can be assigned to objects of the usage view.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data
- Number assignments
- Additional data
- Land data
- Building data

- Dates
- Partner data
- Measurements
- Fixtures/Fittings characters
- Assignment information
- Usage data
- Resubmission data
- Overview data

Out of Scope

- Change documents for objects
- Document management data
- Internal number range data

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Business partner
- CO - Business process
- CO - Cost center
- Fixed asset (including balance)
- PM - Functional location
- PM - Maintenance order
- PP - Production order
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

`F_REBD_AO` (Real Estate: Architectural Object)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_REFX_ARCH_OBJECT`

Virtual Tables

- `AS_OBJASS`: To handle object assignments
- `AS_AO_PARENT`: To handle architectural object hierarchies
- `AS_SSTAT`: To handle system statuses
- `AS_USTAT`: To handle user statuses

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Architectural Object	All instances of this migration object are relevant to the transfer option.	Create Architectural Object	Creates an architectural object in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Arch. Obj. ID • AOID Code • Arch. Object No.	Manage Architectural Object (app ID RE-BDAO)	`BAPI_RE_AO_CREATE`
		Change Architectural Object	Changes the architectural object in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_REFX_AOSTAT

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_REFX_AOSTAT`

APIs/BAPIs

`BAPI_RE_AO_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	REBDAO
Display	REBDAO
RE Navigator	RE80

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.127 RE-FX - Building

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate building data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs)..

Related Business Object: **Building**

Business Object Component/Area	User Menu Path: *Accounting* > *Flexible Real Estate Management* > *Master Data* > *REBDBU - Process Building* Component: RE-FX-BD
Business Object Type	Master data
Business Object Definition	An object or parts of an object on the basis of which rooms or areas (for example, apartments, warehouses, stores) are rented. A building is part of a business entity.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object automatically selects all building data from the `VIBDBU` table for all company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data
- Dates
- Additional data
- Fixtures/fittings data
- Values

- Infrastructure data
- Measurements
- Option rate methods data
- Posting parameters
- Partner data
- Assignments data
- Architecture data
- Resubmission data
- CO settlement rule data

Out of Scope

- Change documents
- Document management
- Memo data
- Profit segment assignments under CO Settlement Rule

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Business partner
- CO - Business process
- CO - Cost center
- Fixed asset (including balance)
- PM - Functional location
- PM - Maintenance order
- PP - Production Order
- PS - Project
- RE-FX - Business entity
- RE-FX - Land

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`FI_GEB_BUK` Real Estate: Building - Auth. for CoCd/business entity

`F_RE_BRGRP` Real Estate: Authorization Group

`F_REBD_AO` Real Estate: Architectural Object

`K_VRGNG` CO Bus. Trans., Actual Postings and Plan/act. Allocations

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_REFX_BUILDING`

Virtual Tables

- `AS_SYSTEM_SYSTEM`: To handle system status
- `AS_USER_STATUS`: To handle user status
- `AS_CO_SETTLE`: To handle CO settlement rules
- `AS_PROF_BUS`: To handle status profiles
- `AS_OBJASS`: To handle object assignments

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Building	All instances of this migration object are relevant to the transfer option.	Create Building	Creates building data in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Business Entity Number • Number of Building	Manage Building (app ID REBDBU)	`BAPI_RE_BU_CREATE`

	Update Building Status	Updates system and user status for the building in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_REFX_BUILDING_SSTAT

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_REFX_BUILDING_SSTAT

APIs/BAPIs

- BAPI_RE_BU_GET_DETAIL
- BAPI_RE_BU_CHANGE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system. If the number range is configured as internal, clear the values in the MAP_REBDBUNO value mapping.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display Building	REBDBU
RE Navigator	RE80

Available Migration Objects [page 2] in SAP S/4HANA.

1.128 RE-FX - Business entity

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate business entity data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object : **Business Entity**

Business Object Component/Area	User Menu Path: *Accounting* > *Flexible Real Estate Management* > *RE Navigator* > *Business Entity* Component: RE-FX-BD
Business Object Type	Master data
Business Object Definition	A grouping characteristic used for a real estate object. Real estate objects can be logically grouped depending on their economic (business) purpose or geographical location.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All business entities from the `VIBDE` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data
- Reference factors
- Infrastructure data
- Measurement data
- Option rate methods
- Posting parameters
- Partner data
- Assignment data
- Architecture information
- Resubmission data
- Overviews

Out of Scope

- Internal number ranges
- Profit segments for CO settlements rules

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Business partner
- CO - Business process
- CO - Cost center
- CO - Profit center
- FI - G/L account
- Fixed asset (including balance)
- PM - Equipment
- PM - Functional location
- PM - Maintenance order
- PS - Project
- RE-FX - Architectural object

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`FI_GRU_BUK` (Real Estate: property - Authorization for Company Code/Business Entity)

`F_RE_BRGRP` (Real Estate: Authorization Group)

`F_REBD_AO` (Real Estate: Architectural Object)

`K_VRGNG` (CO: Bus. Trans., Actual Postings and Plan/Act. Allocations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_REFX_BUSINESS_ENTITY`

Virtual Tables

- `AS_OBJASS`: To handle object assignments of business entities
- `AS_SSTAT`: To handle system statuses
- `AS_USTAT`: To handle user statuses
- `AS_CO_SETTLE`: To handle CO settlements rules

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Business Entity	All instances of this migration object are relevant to the transfer option.	Create Business Entity	Creates the business entity in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step. :All instances that qualify for this transfer option and also meet the following conditions are relevant to the transfer step:	• Company Code • Business Entity	Manage Business Entity (app ID REBDBE)	BAPI_RE_BE_CREATE
		Update Business Entity Status	Updates the status pf the business entity in the SAP S/4HANA system.	:All instances that qualify for this transfer option and also meet the following conditions are relevant to the transfer step:	Not relevant	Not Relevant	`CNV_PE_S4_REFX_BESTAT`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_REFX_BESTAT`

APIs/BAPIs

`BAPI_RE_BE_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	REBDBE
Display	REBDBE

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.129 RE-FX - Land

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate land data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Land**

Business Object Component/Area	User Menu Path: *Accounting* > *Flexible Real Estate Management* > *Master Data* > *Process Land* Component: RE-FX-BD
Business Object Type	Master data
Business Object Definition	Lot or site not including the buildings erected on it. Land belongs to the business entity.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All land data from the `VIBDPR` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data
- Building law and usage
- Values
- Productive holdings
- Infrastructure
- Measurements
- Option rate methods
- Posting parameters
- Partners
- Assignments
- Architecture
- Resubmission
- CO settlement rules

> **i Note**
>
> Profit segment information from the *CO Settlement Rule* screen is not migrated.

Out of Scope

- Change documents
- Document management

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, ensure that you have created land register data in the target system.

You have also migrated or defined settings in the following migration objects:

- Business partner
- CO - Business process
- CO - Cost center
- Fixed asset (including balance)
- PM - Functional location
- PM - Maintenance order
- PP - Production order
- PS - Project
- RE-FX - Architectural object
- RE-FX - Business entity

Roles and Authorizations

Not relevant

To carry out the migration, assign the following authorization object or objects to the user:

- `FI_GRU_BUK` (Real Estate: Property - Authorization for Company Code/Business Entity)
- `F_RE_BRGRP` (Real Estate: Authorization Group)
- `F_REBD_AO` (Real Estate: Architectural Object)
- `K_VRGNG` (CO: Business Transaction, Actual Postings and Planned/Actual Allocations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_REFX_LAND`

Virtual Tables

- `AS_SSTAT`: To handle system status
- `AS_USTAT`: To handle user status
- `AS_CO_SETTLE`: To handle CO settlement rules
- `AS_OBJASS`: To handle object assignments

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Land	All instances of this migration object are relevant to the transfer option.	Create Land	Creates a land in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Business Entity • Land	Manage Property (app ID REBDPR)	`BAPI_RE_PR_CREATE`
		Update Land Status	Updates the land with system statuses in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_REFX_LAND_SSTAT`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_REFX_LAND_SSTAT`

APIs/BAPIs

- `BAPI_RE_PR_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	REBDPR
Display	REBDPR

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.130 RE-FX - Rental object

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate rental object data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Rental Object**

Business Object Component/Area	Component: RE-FX-BD
Business Object Type	Master data
Business Object Definition	An object that is leased out as a single entity. Rental objects can be: • Rental units (unflexible objects that can only be leased out as a unit such as apartments and retail stores) • Pooled spaces (flexible objects that can be leased out either as a whole or divided into rental spaces). They cannot be leased out in their own right. • Rental spaces
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All rental objects from the `VIBDRO` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data
- Dates
- Additional data
- Fixtures/fittings data
- Values

- Infrastructure data
- Measurements
- Option rate methods data
- Posting parameters
- Partners data
- Assignments data
- Architecture data
- Resubmission data
- CO settlement rule data

Out of Scope

- Change documents
- Document management
- Memo data
- Profit segment assignments (CO-Settlement rule)

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Business partner
- CO - Business process
- CO - Cost center
- Fixed asset (including balance)
- PM - Functional location
- PM - Maintenance order
- PP - Production order
- PS - Project
- RE-FX - Building
- RE-FX - Business entity
- RE-FX - Land

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`FI_ME1_BUK` (Real Estate: Rental Unit - Authoriz.for CoCd/Busines Entity)

`F_RE_BRGRP` (Real Estate: Authorization Group)

`F_REBD_AO` (Real Estate: Architectural Object)

`K_VRGNG CO` (Bus. Trans., Actual Postings and Plan/Act. Allocations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_REFX_RENTAL_OBJECT`

Virtual Tables

- `AS_SYSTEM_SYSTEM` : To store system statuses
- `AS_USER_STATUS` : To store user statuses
- `AS_CO_SETTLE`: To store CO settlement rules
- `AS_OBJASSIGN`: To store object assignments

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Rental Object	All instances of this migration object are relevant to the transfer option.	Create Rental Object	Creates the rental object in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Rental Object • Company Code • Business Entity	Not relevant	`BAPI_RE_RO_CREATE`

Update System Status for Rental Objects	Updates the system status for rental objects in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_REFX_RO_SSTAT

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_OT_APPL_PE_AFS_WRAP_ASSET

APIs/BAPIs

BAPI_RE_RO_CHANGE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system. If the number range is configured as internal, clear the values in the MAP_REBDRONO mapping task in the migration project.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Process Rental object	REBDRO
RE Navigator	RE80

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.131 SD - Sales inquiry

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate sales inquiry data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Sales Inquiry**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Sales* > *Inquiry* Component: SD-SLS-GF
Business Object Type	Transactional data
Business Object Definition	A customer request to the company for a quotation or sales information that is not binding. The request can refer to materials or services, conditions, and, if necessary, delivery deadlines. It is accepted by the sales area that is then responsible for any further processing.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects relevant sales inquiries from the VBAK table for the derived sales organizations.

Relevant selection criteria

- The SD document category (VBAK-VBTYP) is "A" (inquiry) AND
- The overall processing status (VBUK-GBSTK) is "A" (not yet processed) or ' ' (not relevant).

In Scope

The following data is set for migration to SAP S/4HANA:

- Sales and distribution document numbers
- Inquiry header data
- Logical system information for the sender system
- Number of generated documents
- Item data
- Document partners
- Schedule line data
- Conditions
- Header and item texts

Out of Scope

- Internal control parameters
- Conversion of partner functions for document types

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Customer
- Pricing condition (purchasing and sales)
- Product

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`V_VBAK_AAT` (Sales Document: Authorization for Sales Document Types)

`V_VBAK_VKO` (Sales Document: Authorization for Sales Areas)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_SD_SALES_INQUIRY`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Sales Inquiry	All instances of this migration object are relevant to the transfer option.	Create Sales Inquiry	Creates the sales inquiry in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Sales Document	Not Relevant	`BAPI_INQUIRY_CREATEFROMDATA2`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.

3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VA12
Display	VA13

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.132 SD - Customer quotation

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate customer quotation data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Customer Quotation**

Business Object Component/Area	User Menu Path: *SAP Menu* > *Logistics* > *Sales and Distribution* > *Sales* > *Quotation* Component: SD-SLS
Business Object Type	Transactional data
Business Object Definition	An offer by a sales area to a customer for delivery of goods or services according to fixed conditions. The offer is legally binding for the company for a certain period of time. A customer quotation can refer to a business partner sales activity or it can be used by the sales area to reply to a customer inquiry.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects customer quotations from the `VBAK` table for the derived sales organizations if the following conditions are met:

- The SD document category (`VBAK-VBTYP`) is "B" (quotation) AND
- The overall processing status of the SD document (`VBUK-GBSTK`) is "A" (not yet processed)

In Scope

The following data is set for migration to SAP S/4HANA:

- Conditions
- Distribution document numbers
- Document partners
- Internal item number assignments
- Item data
- Logical system (source system)
- Number of generated documents
- Quotation headers
- Schedule line data
- Texts

Out of Scope

- Customer quotations that are completely processed
- Customer quotations that are not yet processed

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Profit center
- Customer
- Pricing condition (purchasing and sales)
- Product

Roles and Authorizations

Source System

Not relevant

Target System

`V_VBAK_AAT` (Sales Document: Authorization for Sales Document Types)

`V_VBAK_VKO` (Sales Document: Authorization for Sales Areas)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_SD_CUSTOMER_QUOTATION`

Virtual Tables

- `QUOTATION_HEADER_IN`: To store quotation header information
- `QUOTATION_ITEMS_IN`: To store item details
- `QUOTATION_SCHEDULES_IN`: To store the schedule lines of delivery items
- `QUOTATION_CONDITIONS_IN`: To store pricing condition types
- `RETURN`: To import result messages after quotation creation
- `QUOTATION_PARTNERS`: To store details of customers assigned to the quotation
- `QUOTATION_TEXT`: To store long texts of header and item data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Customer Quotation	All instances of this migration object are relevant to the transfer option.	Create Customer Quotation	Creates the customer quotation in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Sales Document Number	Display Quotation (app ID VA23)	`BAPI_QUOTATION_CREATEFROMDATA2`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VA22
Display	VA23

Further Information

1.133 SD - Customer material

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate customer material data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interface (API).

> **i** Note
>
> This migration object refers to customer material info records.

Related Business Object: **Customer Material**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Master Data* > *Agreements* > *Customer Material Information* Component: SD
Business Object Type	Master data
Business Object Definition	Customer-specific information about a sales material. The customer material can also be used as an entry aid in sales processing.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects customer materials from the `KNMT` table for the derived sales organizations.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Long texts
- Classification data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Class
- Characteristic
- Product
- Customer

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

- `C_TCLA_BKA` (Authorization for Class Types)
- `C_KLAH_BKL` (Authorization for Classification)
- `C_TCLS_MNT` (Authorization for Characteristics of Org. Area)

- `V_KNA1_VKO` (Customer: Authorization for Sales Organizations)

Technical Information

Name of this migration object: `S4_SD_CUSTOMER_MATERIAL`

Virtual Tables

- `TEXT_DATA`: To identify text information
- `CLASS_DATA`: To identify classification data
- `ALLOCVALUESNUM`: To identify numeric allocation values
- `ALLOCVALUESCHAR`: To identify character allocation values
- `ALLOCVALUESCURR`: To identify currency allocation values

Please note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Customer Material	All instances of this migration object are relevant to the transfer option.	Create Customer Material	Creates a customer material in the SAP S/4HANA system.	Not relevant	• Sales Organization • Distribution Channel • Customer • Material	Manage Customer Materials (app ID F2499)	`CNV_PE_S4_SD_CUSTMAT_CREATE`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_SD_CUSTMAT_CREATE`

APIs/BAPIs

`API_SD_CUSTMAT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VD52
Display	VD53

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.134 SD - Sales contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate sales contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Sales Contract**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Sales* > *Contract* Component: SD
Business Object Type	Transactional data
Business Object Definition	An outline agreement that contains special conditions negotiated between the supplier and a customer, for example, price, target value, or target quantity. A sales contract is valid for a specified period. A customer submits a sales order to release materials or services from the amount or value agreed in the contract.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects all sales contracts from the `VBAK` table for the derived sales organizations.

> **i Note**
>
> The relevant sales document category (`VBAK-VBTYP`) for this migration object is G ("Contract").

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Item data
- Partner data
- Condition data
- Contract data
- Long texts

- Partner addresses
- Custom fields

> **i** Note
>
> For this migration object, the **Custom Fields and Logic** app is available. If you use the app to enhance your business object with custom fields, these custom fields are automatically available in the **Custom Fields** mapping task. For more information, see the Custom Fields and Logic documentation in the SAP S/4HANA section of the SAP Help Portal **(help.sap.com)**.
>
> Ensure that there are no changes to the custom fields during migration.

Out of Scope

- Sales contract configurations
  - Reference data
  - Instances
  - Parts of specifications
  - BLOB internal data
  - Variant condition keys
  - Reference items/instances
- Sales contract keys
- User-defined fields in the sales contract
- Industry-specific solution fields
- Document flows
- Output types
- Billing plans

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Batch unique at plant level
- Customer
- Pricing condition (purchasing and sales)
- Product

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `V_VBAK_VKO` (Create/Update/Display of sales documents using the sales areas)
- `V_VBAK_AAT` (Create/Update/Display of sales documents using the sales document type)
- `V_VBAK_CCD` (Create/Update/Display of sales document payment cards)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_SD_SALES_CONTRACT`

Virtual Tables

- `VBAK_TEXT`: To handle long texts for sales contracts
- `VBKD_ITM`: To handle item business data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Sales Contract	All instances of this migration object are relevant to the transfer option.	Create Sales Contract	Creates the sales contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Sales Document	Manage Sales Contracts (app ID F1851)	`BAPI_CONTRACT_CREATEFROMDATA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VA42
Display	VA43

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.135 SD - Sales order (only open SO)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate open sales order data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Sales Order**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Sales* > *Order* Component: SD
Business Object Type	Transactional data
Business Object Definition	A customer request to the company for delivery of goods or services at a certain time. The request is received by a sales area that is then responsible for fulfilling the contract.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects sales orders from the `VBAK` table for the derived sales organizations if the following conditions are met:

- The SD document category (`VBAK-VBTYP`) is "C" (order) AND
- The overall processing status of the document (`VBUK-GBSTK`) is "A" (not yet processed) AND
- The overall delivery status for all items (`VBUK-LFGSK`) is "A" (not yet processed) AND
- The overall processing status of the SD document item (`VBUP-GBSTA`) is "A" (not yet processed) AND
- The *Overall Delivery Status of the Item* (`VBUP-LFGSA`) field is "A" (not yet processed) for all sales document items.

In Scope

The following data is set for migration to SAP S/4HANA:

- Order header data
- Item data
- Partner data
- Schedule line data
- Conditions
- Texts
- Custom fields

> **i** Note
>
> For this migration object, the **Custom Fields and Logic** app is available. If you use the app to enhance your business object with custom fields, these custom fields are automatically available in the **Custom Fields** mapping task. For more information, see the Custom Fields and Logic documentation in the SAP S/4HANA section of the SAP Help Portal **(help.sap.com)**.
>
> Ensure that there are no changes to the custom fields during migration.

Out of Scope

- Partial sales order items
- Configurable items
- Credit card data
- Return orders
- References to other sales documents

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Customer
- Product

Before you can start the migration process, ensure the following Customizing in the target system:

Manual Pricing

In Customizing for Sales and Distribution, go to the V/08 transaction or go to *Basic Functions* > *Pricing* > *Pricing Control* > *Define and Assign Pricing Procedures*. Select the *Set Pricing Procedures* activity. Open the relevant pricing procedure assigned to the sales document to be migrated. Set the condition types to be processed manually by selecting *Manual only*.

Carrying out the Customizing described above enables manual pricing for price determination. As a result, this migration object transfers the as-is conditions from the source ERP system to the target SAP S/4HANA system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `V_VBAK_VKO` (Sales Document: Authorization for Sales Areas)
- `V_VBAK_AAT` (Sales Document: Authorization for Sales Document Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_SD_SALES_ORDER`

Virtual Tables

- `ORDERTEXT`: To store sales order texts
- `PRPS_HDR`: To store WBS elements assigned to the sales order headers
- `KONV_CUST`: To store condition information
- `VBKD_ITM`: To store business data for sales document items

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Sales Order	All instances of this migration object are relevant to the transfer option.	Create Sales Order	Creates the sales order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Sales Document	Manage Sales Orders (app ID F1873)	`BAPI_SALESORDER_CREATEFROMDAT2`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust the pricing procedures to the required settings in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VA02
Display	VA03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.136 TRM - Additional flow

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate additional flow data for a TRM transaction from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Objects: **Cap/Floor, Commercial Paper, Deposit at Notice, Interest Rate Swap, Foreign Exchange Swap Contract, Foreign Exchange Collar Contract**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Money market* > *Trading* > *Edit Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	The concept of flow types allows you to define other flows - such as charges or commissions (absolute or proportional) - for the individual product types. These other flows are created with each transaction. The flow types that are assigned are displayed in the other flows area as a default. You also still enter the payment amount, currency with the direction and the payment date.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All active transactions with the active activity categories **Contract**, **Rollover**, and **Settlement** for which additional flows exist are automatically selected for the company codes you specified when defining the migration scope.

> **i Note**
>
> For a financial transaction, this migration object creates additional flows in the target system.

In Scope

The following data is set for migration to SAP S/4HANA:

Other flow data

> **i Note**
>
> Additional flow data is migrated for the following product types:
>
> - Foreign exchange swap
> - Interest rate swap
> - Foreign exchange collar contract
> - Commercial paper
> - Cap/floor
> - Deposit at notice

Out of Scope

Derived flows

> **i Note**
>
> You need to manually create the derived flows in the target system.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Flow types are assigned to the corresponding product types in the target system
- The financial transaction is present in the target system

You have migrated or defined settings in the following migration objects:

- TRM - Cap/Floor
- TRM - Commercial paper
- TRM - Deposit at notice
- TRM - Foreign exchange collar contract
- TRM - Foreign exchange swap contract
- TRM - Interest rate swap

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`B_BUPA_GRP` (Business Partner: Authorization Groups)

`B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)

`B_BUP_PCPT` (Business Partner: Purpose Completed)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_ADDITIONAL_FLOW`

Virtual Tables

`FLTR_ADD_FLOW_TRN`: To store details of flow types for the financial transaction.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Additional Flow	All instances of this migration object are relevant to the transfer option.	Create Additional Flow	Creates the additional flow for a financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_FTR_ADDFLOW_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
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Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.137 TRM - Bank guarantee

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bank guarantee data from the source ERP system to the target SAP S/4HANA system. The data is migrated based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Bank Guarantee**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Trade Finance* > *Trading* Component: FIN-FSCM-TRM
Business Object Type	Transactional data
Business Object Definition	A bank guarantee is a pledge on the part of a bank to make good someone's debt in the event that they cannot pay it. This type of guarantee is essentially an agreement to stand as a cosigner on a transaction. In the event that the original party cannot follow through, the bank can be called upon to provide the payment.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Bank guarantee contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant bank guarantee contract data from the `VTBFHA` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administrative data
- Other flows
- Payment details
- Contracts
- Contract settlements
- Contracts converted from Order to Contract

> **i** Note
>
> This migration object migrates only bank guarantee data and does not migrate main flow details. Hence, migrate this object before you migrate the **TRM - Main flow detail** migration object. Please ensure that both migration objects are included in the same TRM migration project.

Out of Scope

- Orders
- Conditions
- Collateral

> **i** Note
>
> Transactions with the Terminate, Give Notice, and Roll Over statuses are not migrated.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match.
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Factory calendars relevant for Treasury
- Product types, flow types and update types
- Position management and links to accounting components
- House banks

You have migrated or defined settings in the following migration objects:

- FI - SEPA mandate
- MM - Purchase order
- SD - Sales order (only open SO)
- TRM - Business partner role

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)
- `B_BUP_PCPT` (Business Partner: Purpose Completed)
- `T_DEAL_PF` (Portfolio Authorization)
- `T_DEAL_PD` (Authorization for Product/Transaction Types)
- `T_DEAL_AG` (Authorization for an Authorization Group)
- `T_DEAL_LC` (Authorization for Letter of Credit)
- `F_T_TRANSB` (Treasury: Transaction Authorization)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization objects to the user:

- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)
- `B_BUPA_RLT` (Business Partner: BP Roles)
- `T_DEAL_DP` (Authorization for Securities Account)
- `T_DEAL_PD` (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_BANK_GUARANTEE`

Virtual Tables

`LONG_TEXT`: To retrieve long texts.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Bank Guarantee	All instances of this migration object are relevant to the transfer option.	Create Bank Guarantee	Creates the bank guarantee in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_BG_DEALCREATE`
		Settle Bank Guarantee	Settles the value bank guarantee transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before the migration process. Please note that the information related to flows is already included in the balance sheet, which was migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction, which was created in the receiver system during migration, needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. In the FI area, you can see the accounts to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_DISPLAY

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.138 TRM - Business partner role

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate business partner role data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Business Partner**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Business Partners* Component: FIN-FSCM-TRM-TM
Business Object Type	Master data
Business Object Definition	An organization or a private individual in which you have a business interest. In Treasury, you assign roles to your business partners, such as counter party, issuer, or borrower. These roles control the permitted functions for that type of business relationship. Typical partners might be banks or a central treasury department.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All business partner roles from the `BUT100` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Issuer role (TR0150) data
- Counter party role (TR0151) data
- Depository bank role (TR0152) data
- Beneficiary role (TR0154) data
- Guarantor role (TR0200) data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Business partner
  Please migrate the **Business partner** migration object before you migrate the **Business partner role** migration object. Please ensure that both migration objects are included in the same TRM migration project.
- Customer
  If a customer is assigned to the business partner, migrate the **Customer** migration object before you migrate the **Business partner role** migration object. Please ensure that all migration objects are included in the same TRM migration project.
- Supplier
  If a supplier is assigned to the business partner, migrate the **Supplier** migration object before you migrate the **Business partner role** migration object. Please ensure that all migration objects are included in the same TRM migration project.
- Bank
- FI - House bank
- FI - Bank account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`B_BUP_PCPT` (Business Partner: Purpose Completed)

`B_BUPA_RLT` (Business Partner: BP Roles)

`B_CCARD` (Payment Cards)

`T_BP_DEAL` (FS Business Partner: Standing Instructions)

`F_KNA1_GEN` (Customer: Central Data)

`F_KNA1_APP` (Customer: Application Authorization)

`F_KNA1_GRP` (Customer: Account Group Authorization)

`F_LFA1_GEN` (Vendor: Central Data)

`F_LFA1_APP` (Vendor: Application Authorization)

`F_LFA1_GRP` (Vendor: Account Group Authorization)

`B_BUPA_GRP` (Business Partner: Authorization Groups)

`B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_BP_ROLES`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Business Partner Role	All instances of this migration object are relevant to the transfer option.	Update Business Partner Role	Updates business partner roles in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner	Not relevant	`CNV_OT_APPL_FI_TRM_BP_ROLE`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_FI_TRM_BP_ROLE`

APIs/BAPIs

`FTB_BUPA_DARK_MAINTAIN_INTERN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	BP
Display	BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.139 TRM - Commercial paper

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate commercial paper master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Commercial Paper**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Money Market* > *Trading* > *Create Financial Transaction* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	An agreement between an investor and a borrower whereby the borrower issues commercial paper for the investment and agrees to repay the amount and a certain percentage to the investor at the end of the contract. There is no interest payment during the term of the contract in this type of transaction.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Commercial paper with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant commercial paper data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administrative data
- Contracts

Out of Scope

- Transactions with the Terminate and Give Notice statuses
- Correspondence data
- Trade repository data
- Default risk limits
- Conditions
- Other flows
- Payment details

> **i** Note
>
> The settle commercial paper feature is out of scope for simulation.
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match.
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.
- Business partners along with necessary authorizations and relevant data.
- Master agreements
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Product types, flow types and update types
- Position management and links to accounting components
- All cash flows until the migration cut-off date are posted to Financial Accounting.

You have migrated or defined settings in the following migration objects:

- FI - G/L account
- FI - House bank
- TRM - Business partner role

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

- `F_T_TRANSB` ((Treasury: Transaction Authorization))
- `T_DEAL_P` (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `B_BUP_PCPT` (Business Partner: Purpose Completed)
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)
- `F_T_TRANSB` (Treasury: Transaction Authorization)
- `T_DEAL_PD` (Authorization for Product/Transaction Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_COMMERCIAL_PAPER`

Name of the BAPI used in the source system

`BAPI_FTR_CP_GETDETAIL` Details of Commercial Paper

Virtual Tables

- `TAB_CP`: To store commercial paper details
- `TAB_CONTRACT`: To store contract details

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Commercial Paper	All instances of this migration object are relevant to the transfer option.	Create Commercial Paper	Creates the commercial paper transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	BAPI_FTR_CP_CREATE
		Settle Commercial Paper Transaction	Settles the commercial paper transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	BAPI_FTR_SETTLE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* check box. This transaction enables the generation of posting logs. You can see the accounts in the FI area to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	TM32
Display	TM33

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.140 TRM - Foreign exchange spot/forward contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate foreign exchange spot/forward contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Foreign Exchange Spot/Forward Contract**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Foreign Exchange* > *Trading* > *Forex fast entry - spot* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	Spot transaction is a binding agreement for the immediate exchange of currency. Forward transaction is the obligation to exchange two currencies at a future date at a rate fixed upon contract conclusion.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Foreign exchange spot/forward contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant foreign exchange spot/forward contract data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administrative data
- Other flows
- Payment details
- Contracts
- Contract settlements
- Contracts converted from Order to Contract

> **i Note**
>
> Transactions with the Terminate or Expiration statuses are not migrated.

Out of Scope

- Reversed transactions
- Rollover transactions
- Expiration transactions
- Premature settlement transactions
- Order/fixing activities
- FX hedge management data
- Correspondence information

> **i** Note
>
> You can simulate only the **Create spot/forward transaction** feature.
>
> The settlement feature for the spot/forward transaction is out of scope for simulation.
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Business partners along with necessary authorizations and relevant data
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Product types, flow types and update types
- Master agreements

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- CO - Cost center
- CO - Profit center
- FI - SEPA mandate

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`T_POS_ASS` (Assign Attributes to Positions)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_FX_SPOT_FWD_CONTRACT`

Virtual Tables

`AT_FOREX`: To filter forex data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Foreign Exchange Spot/ Forward Contract	All instances of this migration object are relevant to the transfer option.	Create FX Spot/ Forward Contract	Creates the foreign exchange spot/ forward contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_FXT_DEALCREATE`

Settle Financial Transaction	Settles the financial transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. In the FI area, you can see the accounts to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.141 TRM - Interest rate instrument

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate interest rate instrument data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Interest Rate Instrument**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Money Market* > *Create Financial Transaction* Component: FIN-FSCM-TRM
Business Object Type	Transactional data

Business Object Definition	An interest rate instrument is a money market transaction with additional structural characteristics, such as variable interest and installment repayment.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Interest rate instruments with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant interest rate instrument data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Administration data
- Contract data
- Contract settlement data

> **i** Note
>
> Interest rate adjustments are not migrated to the target system. You need to manually update this information in the target system after migration.

Out of Scope

- Concluded deals
- Replaced deals
- Reversed deals
- Terminated deals
- Simulation deals
- Deals with single dates
- Default Risk Limit

Note that the information give here is not exhaustive.

> **i** Note
>
> If you have multiple steps for migration, you can simulate only the contract data feature.
>
> The settlement feature is out of scope for simulation.

During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match.
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Business partners are present in the target system with the necessary authorizations
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Product types, flow types and update types
- Relevant SEPA mandate IDs (if in use)
- House banks

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Profit center
- FI - SEPA mandate
- TRM - Business partner role

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`S_ADMI_FCD` (System Authorizations)

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_T_TRANSB` (Treasury: Transaction Authorization)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`T_POSS_ASS` (Assign Attributes to Positions)

`S_ADMI_FCD` (System Authorizations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_INT_RATE_INSTR`

Virtual Tables

- `INTERESTRATE`: To store header data for the interest rate
- `CONDITIONS`: To store conditions related to the interest rate

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Interest Rate Instrument	All instances of this migration object are relevant to the transfer option.	Create IRI Transaction	Creates the interest rate instrument transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_IRATE_DEALCREATE`

	Settle IRI Transaction	Settles the interest rate instrument transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows..

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. You can see the accounts in the FI area to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

Valuation areas: With the help of this migration object, you have migrated valuation-area-independent data such as quantity data (for example, units, nominal amounts), purchase value, cost or accrued interest to the target system. To migrate valuation area-dependent data for SAP TRM, use the Legacy Data Transfer tool.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	TM_52
Display	TM_53

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.142 TRM - Security bond

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bond contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Bond**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Securities* > *Trading* > *Create* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data
Business Object Definition	Bonds are used by companies or the public sector to generate outside capital on the domestic or foreign capital market.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Bond contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant bond contract data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Trading description
- Administration data
- Other flows
- Payment details

Out of Scope

- Default risk limits
- Analysis parameter data

> **i Note**
>
> Cash flows generated from corporate actions, security account transfers, security rights, or any other back office actions are not migrated to the target system. You need to manually update this information in the target system after migration.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys assigned to currency types belonging to different organizational units match in the source and target systems
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Factory calendars relevant for Treasury
- Product types, flow types, and update types
- Position management and links to accounting components
- Relevant securities accounts

You have migrated or defined settings in the following migration objects:

- TRM - Business partner roles
- TRM - Security class
- FI - SEPA mandate
- FI - House bank

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`B_BUP_PCPT` (Business Partner: Purpose Completed)

`B_BUPA_GRP` (Business Partner: Authorization Groups)

`B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)

`B_BUPA_RLT` (Business Partner: BP Roles)

`F_T_TRANSB` (Treasury: Transaction Authorization)

`T_DEAL_DP` (Authorization for Securities Account)

`T_DEAL_PD` (Authorization for Product/Transaction Types)

`T_DEAL_PF` (Portfolio Authorization)

`T_DEAL_AG` (Authorization for an Authorization Group)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_BONDS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Security Bond	All instances of this migration object are relevant to the transfer option.	Create Security Transaction	Creates the security transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Financial Transaction	Not relevant	`BAPI_FTR_SECURITY_DEALCREATE`

Settle Security Transaction	Settles the security transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows..

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the Flag Flows as Posted checkbox. This transaction enables the generation of posting logs. You can see the accounts in the FI area to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	TS02
Display	TS03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.143 TRM - Security class

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate security class data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Security Class**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Securities* > *Master Data* > *Class* Component: FIN-FSCM-TRM-TM
Business Object Type	Master data

Business Object Definition	In the SAP system, a security is a security class. The security class data includes all the structure characteristics of a security. You can portray the security types using the product categories delivered with the system, such as: • Bonds • Stocks • Investment certificates In this class, all relevant conditions such issue data, condition structure, and stock exchanges are defined.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Security classes of stocks, investment certificates, and bonds
- Search terms
- Basic data
- Conditions
- Exchanges
- Notices
- User data
- Swap data

> **i Note**
>
> Additional security classes are not migrated.

Out of Scope

- Special attributes belonging to the class
- Memos
- Market prices

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Business partner (issuer) is defined with relevant authorizations
- Relevant product types and condition groups are configured
- The `FVVW_ANLA` number range object is configured and set to external number range for this object.

You have migrated or defined settings in the following migration object:

TRM - Business partner role

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`S_ADMI_FCD` (System Authorizations)

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`S_ADMI_FCD` (System Authorizations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_CLASS`

Virtual Tables

- `CLASS`: To store class attributes for the class
- `REFERENCES`: To store reference attributes for the class
- `CONDITIONS`: To store condition attributes for the class
- `FORMULARS`: To store formular attributes for the class
- `NOTICE`: To store notice attributes for the class
- `SWAP`: To store security swap attributes for the class
- `PARTPAID`: To store partly-paid attributes for the stocks
- `LISTINGS`: To store exchange attributes for the class
- `INDICES`: To store secondary indices for the class
- `SHARECAPITALS`: To store stock capital attributes for the class
- `RATING`: To store rating attributes for the class

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Security Class	All instances of this migration object are relevant to the transfer option.	Create Security Class	Creates security classes in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Security Class	Manage Securities Classes (app ID FWZZ)	`CNV_OT_APPL_PE_S4_SEC_CLASS`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_PE_S4_SEC_CLASS`

APIs/BAPIs

`BAPI_FP_CREATEFROMDATA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FWZZ
Display	FWZZ

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.144 TRM - Stock

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate stock contract data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Stock**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Supply Chain Management* > *Treasury and Risk Management* > *Transaction Manager* > *Securities* > *Trading* > *Create* Component: FIN-FSCM-TRM-TM
Business Object Type	Transactional data

Business Object Definition	Security that certifies a share in a stock corporation.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

Stock contracts with the active activity categories **Contract** and **Settlement** are relevant for migration. The relevant stock contract data from the `VTBFHA` table is automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Structure data
- Trading description
- Administration data
- Other flows
- Payment details

Out of Scope

- Correspondence information
- Trade repository data
- Default risk limit data
- Analysis parameter data

> **i** Note
>
> Cash flows generated from corporate actions, security account transfers, security rights, or any other back office actions are not migrated to the target system. You need to manually update this information in the target system after migration.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, make sure that these Customizing settings have been made in the **target system**:

- Currency type and currency key of the controlling area assigned to the source and target company codes must match.
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.
- Valuation areas for selected company codes and initialization of parallel valuation areas
- Factory calendars relevant for Treasury
- Product types, flow types, and update types
- Position management and links to accounting components
- Relevant securities accounts

You have migrated or defined settings in the following migration objects:

- TRM - Business partner role
- TRM - Security class
- FI - SEPA mandate
- FI - House bank

Roles and Authorizations

Target System

To carry out the migration, assign the following authorization objects to the user:

- `B_BUP_PCPT` (Business Partner: Purpose Completed)
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_PGM` (Grouping Characteristic for SAP BP-FS)
- `B_BUPA_RLT` (Business Partner: BP Roles)
- `F_T_TRANSB` (Treasury: Transaction Authorization)
- `T_DEAL_DP` (Authorization for Securities Account)
- `T_DEAL_PD` (Authorization for Product/Transaction Types)
- `T_DEAL_PF` (Portfolio Authorization)
- `T_DEAL_AG` (Authorization for an Authorization Group)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_FI_TRM_STOCKS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Stock	All instances of this migration object are relevant to the transfer option.	Create Security Transaction	Creates a security transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Financial Transaction • Company Code	Not relevant	`BAPI_FTR_SECURITY_DEALCREATE`
		Settle Security Transaction	Settles the security transaction in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: The selected financial transaction is settled in the source system.	Not relevant	Not relevant	`BAPI_FTR_SETTLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

The problem of double balances: The source system contains flows related to financial transactions occurring before migration. Please note that the information related to flows is already included in the balance sheet migrated from the source system to the SAP S/4 HANA system. If you post these flows again in the receiver system, the migration tool updates the general ledger twice. This means that the corresponding financial transaction that was created in the receiver system during migration needs to be excluded from further processing of flows.

How to avoid double balances: To avoid the double posting of flows, you can go to the TBB1_LC transaction and select the *Flag Flows as Posted* checkbox. This transaction enables the generation of posting logs. You can see the accounts in the FI area to which postings need to be made to reconcile the data. This information is required for account assignment reference transfers at a later stage of the business process. The data is also available in the posting journal (transaction TPM20).

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	TS02
Display	TS03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.145 VC - Configuration profile

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate configuration profile data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Configuration Profile**

Business Object Component/Area	User Menu Path: *Logistics* > *Central Functions* > *Variant Configuration* > *Configuration Profile* Component: LO-VC
Business Object Type	Master data
Business Object Definition	An object in which you enter configuration parameters for a configurable object. Each configuration profile must be assigned to at least one class with a class type that supports variant configuration.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Attributes
- Basic data of local dependencies
- Descriptions of local dependencies
- Documentation of local dependencies
- Source code of local dependencies
- Assignment of dependencies (local and global) to the configuration profile

> **i Note**
>
> Action dependency types are migrated to the target system as the procedure dependency types.

Out of Scope

- Dependencies marked for deletion
- Changes made to local dependencies with change numbers
- Advanced variant configuration

> **i Note**
>
> Validation of dependencies is not carried out during migration for these statuses:
>
> - In Preparation
> - Locked

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Class
- ECM - Change master
- Object classification (general template)
- PM - General maintenance task list
- Product
- VC - Object dependency and dependency net

> **i Note**
>
> - If you need to create the configuration profile with change numbers, create the change number first. You can next migrate a configuration profile using the change number.
> - If you don't assign the configurable object to a class, this migration object assigns the **Locked** status to the configuration profile.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_LO_VC_CONFIG_PROFILE`

Virtual Tables

- `CPRO_ATTR`: To store configuration profile attributes
- `CPDEP_DAT`: To store basic data of object dependencies
- `CPDEP_DESC`: To store object dependency descriptions
- `CPDEP_ORD`: To store object dependency sequences
- `CPDEP_SORC`: To store the source code of object dependencies
- `CPDEP_DOC`: To store object dependency documentation

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Configuration Profile	All instances of this migration object are relevant to the transfer option.	Create Configuration Profiles	Creates configuration profiles in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Configurable Object	Not relevant	`CNV_PE_S4_VC_CON_PROFILE`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_VC_CON_PROFILE`

APIs/BAPIs

`VCH_CON_PROFILE_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

This migration object sets the processing mode on the *Configuration Initial Screen* tab to **Classic** after data migration.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change Configuration Profile	CU42
Display Configuration Profile	CU43
Variant Configuration Modeling Environment	PMEVC

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.146 VC - Object dependency and dependency net

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate object dependency and dependency net data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Global Object Dependency**

Business Object Component/Area	User Menu Path: *Logistics* > *Central Functions* > *Variant Configuration* > *Dependency* > *Single Dependency* User Menu Path: *Logistics* > *Central Functions* > *Variant Configuration* > *Dependency* > *Dependency Net* Component: LO-VC
Business Object Type	Master data
Business Object Definition	The mutual interdependencies between objects. Object dependencies can be defined between characteristics and characteristic values such that 21-speed gears are only allowed for racing bicycles. They can also be defined to ensure that the correct BOM items and operations are selected when an object is configured. They can be described in a dependency editor using a special syntax.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Descriptions
- Long texts
- Source code
- Change numbers

Out of Scope

- Actions
- Rules
- Deleted global dependencies and dependency net

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Characteristic
- ECM - Change master
- Product

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_CA_GTF_VC_OBJ_DEPENDENCY`

Virtual Tables

- DEPENDENCY_DATA: To handle the basic data of dependencies
- DESCRIPTION: To handle dependency descriptions
- SOURCE: To handle the source code for object dependencies
- DOCUMENTATION: To handle dependency long texts
- AS_AENNR: To handle change numbers
- AS_CONS: To handle constraints
- SOURCE_REF: To handle object dependency cross-references

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Object Dependency and Dependency Net	All instances of this migration object are relevant to the transfer option.	Create Dependency and Dep. Net	Creates an object dependency and dependency net in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• External Dependency Name	Not relevant	CNV_PE_S4_DEP_MAINTAIN

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_DEP_MAINTAIN

APIs/BAPIs

- VCH_DEPENDENCY_MAINTAIN
- VCH_CONSTRAINT_NET_MAINTAIN
- VCH_CNET_CONSTRAINT_MAINTAIN

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change Dependency	CU02
Display Dependency	CU03
Change Dependency Net	CU22
Display Dependency Net	CU23

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.147 Supplier

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate vendor (supplier) data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Vendor**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* > *Purchasing* > *Master Data* > *Vendor* Component: MM
Business Object Type	Master data
Business Object Definition	A business partner who supplies goods and delivers them to consumers/customers.
Migration Approach	Direct Transfer - ERP

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the purchasing organization from the company codes you specified when defining the migration scope. This migration object automatically selects all vendors from the `LFA1` table for the company codes and derived purchasing organizations.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data with standard addresses
- International address versions
- General texts
- Company code data
- Accounting texts
- Purchasing data
- Purchasing texts
- Contact persons
- Extensions of existing vendors with new organizational levels
- Extensions of existing customers as suppliers with the same business partner numbers
- Generic Object Services (GOS) documents of the type **attachments**, **notes**, and **URLs**, which are available at the general data, company code or purchasing organization levels.

> **i Note**
>
> - If a vendor in the source system is extended to multiple company codes, after data migration, the supplier in the target system is extended only to the participating company codes.
> - If a vendor in the source system has multiple purchase organizations, after data migration, the supplier in the target system contains only the selected purchase organizations.

Out of Scope

- DMS documents assigned to the vendor
- Classifications
- Updates of existing fields
- Extensions of withholding tax data to existing company codes
- Extensions of existing addresses
- Extensions of purchasing organizations belonging to existing company codes
- Documents created with archive links or Business Document Service (BDS) and appearing in GOS
- GOS documents of the type **private notes**
- Documents assigned to the contact person

Prerequisites

Source System

Before you can start the migration process, ensure that you have maintained the values for all fields defined as mandatory in the target system. Otherwise, errors may occur after migration. Alternatively, blank values are populated in the mandatory fields after data migration.

For GOS documents: Implement the SAP Note 685521 in the source system. The HTTP server you are pointing to in the target system, is the host address in the source system.

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, you have:

- Defined all mandatory Customizing for customer-vendor integration (CVI) in the target system.
- Provided the vendor account group in the **Vendor Account Group** (`MAP_KTOKK`) mapping task. Doing so enables the migration object to determine the business partner groupings and roles from the following Customizing paths:

Business Partner Info	*Customizing (IMG) Path*

Business partner role	*Cross-Application Components* > *Master Data Synchronization* > *Customer/Vendor Integration* > *Business Partner Settings* > *Settings for Vendor Integration* > *Define BP Role for Direction Vendor to BP*
Business partner group	*Cross-Application Components* > *Master Data Synchronization* > *Customer/Vendor Integration* > *Business Partner Settings* > *Settings for Vendor Integration* > *Field Assignment for Vendor Integration* > *Assign Keys* > *Define Number Assignment for Direction Vendor to BP*

- Registered the `CVI_EI_INBOUND_REQ_ACTIVATE` function module using the transaction code `CRMC_BUT_CALL_FU` with the following entries:

Column Names	*Values to Be Filled*
Event	CRM Inbound
Object	Business Partner
Item	<Value less than 10000>
Function Name	CVI_EI_INBOUND_REQ_ACTIVATE
Call	Selected

- **Configured the storage type for GOS documents**: The same content repository should be used in the source and target systems. If you are using an SAP system database as the content repository in the source system, you should configure the same content repository as an HTTP server pointing to the source R/3 system in the target system.

You have migrated or defined settings in the following migration objects:

- Bank
- Business partner
  If there is a business partner linked to the vendor in the source system, please migrate the **Business partner** migration object before you migrate the **Supplier** migration object. Please ensure that both migration objects are included in the same migration project.
- Customer
  - If the customer and vendor refer to the same business entity in the source system, please migrate the **Customer** migration object before you migrate the **Supplier** migration object. Please ensure that both migration objects are included in the same migration project.
  - If the business partner is linked to both the customer and the vendor in the source system, please migrate the **Business partner** migration object first, followed by the **Customer** migration object and finally the **Supplier** migration object. Please ensure that all three migration objects are included in the same migration project.
- FI- G/L account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following role or roles to the user:

- `F_LFA1_GEN` Vendor Central Data
- `F_LFA1_BUK` Vendor Authorization for Company Codes
- `F_LFA1_APP` Vendor Application Authorization
- `F_LFA1_GRP` Vendor Account Group Authorization
- `F_LFA1_BEK` Vendor Account Authorization
- `M_LFM1_EKO` Purchasing Organization in Supplier Master Record

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_PUR_VEND_MAST_CRE`

This migration object derives the business partner category based on the vendor title defined in the `TSAD3` Customizing table. If the vendor title in the source system is company, for example, the business partner category is organization.

Handling Referenced Vendor Accounts

Migration Context	*Migration Object Behavior*	*User Action Required*
If the vendor account has referenced vendor accounts such as goods supplier or invoicing party in the source system, but only the vendor account is set for migration.	This migration object migrates the vendor account, but not the referenced vendor accounts. The migration ends in error.	1. Set the referenced vendor accounts for migration or manually create the referenced vendor accounts in the target system. 2. Migrate the migration object again.
If the vendor account has referenced vendor accounts in the source system, and all relevant vendor accounts are set for migration.	This migration object migrates all vendor accounts along with the references among the relevant vendor accounts.	Not relevant
If the vendor account has referenced vendor accounts in the source system, and all relevant vendor accounts are set for migration.	This migration object migrates the vendor account first and the referenced vendor accounts later. The migration ends in error.	1. Migrate the migration object again. 2. This migration object updates references among the relevant vendor accounts.

Virtual Tables

- `LFB1_TEXT`: To store keys for accounting texts

- LFB1_TEXT_DATA: To store accounting text lines
- LFM1_TEXT: To store keys for purchasing texts
- LFM1_TEXT_DATA: To store purchasing text lines
- BP_GENERAL: To store business partner general data
- TAXNUMBER: To store tax number information
- ADRC_V: To store the contact person's address information
- ADR2_V: To store the contact person's telephone numbers
- ADR3_V: To store the contact person's fax numbers
- ADR4_V: To store the contact person's teletex numbers
- ADR5_V: To store the contact person's telex numbers
- ADR6_V: To store the contact person's e-mail addresses
- ADR7_V: To store the contact person's remote mail addresses
- ADR8_V: To store the contact person's X.400 addresses
- ADR9_V: To store the contact person's RFC destinations
- ADR10_V: To store the contact person's printer addresses
- ADR11_V: To store the contact person's SSF addresses
- ADR12_V: To store the contact person's FTP and URL addresses
- ADR13_V: To store the contact person's pager addresses
- ADRT_V: To store the contact person's communication data texts
- ADRU_V: To store the contact person's communication usages
- ADRCT_V: To store the contact person's address texts
- KNVK_TEXT: To store the contact person's keys for long texts
- KNVK_TEXT_DATA: To store the contact person's text lines
- LFA1_TEXT: To store keys for head office texts
- LFA1_TEXT_DATA: To store head office text lines
- LFZA_HDR: To store general information for permitted alternative payees
- AS_GOS: To store the GOS attachments
- AS_KPRO: To store KPro details
- AS_CONTENTS: To store the contents of non-KPro attachments

Mapping Task Information

Use Case	*Enter Values for*	*In the Mapping Tasks*
If the customer and the vendor refer to the same business entity in the source system	Customer and Vendor	**Customer Number** (MAP_KUNNR) and **Vendor Number** (MAP_LIFNR) respectively
If the business partner is related to both the customer and vendor in the source system	Business partner, Customer and Supplier	**Business Partner** (MAP_BU_PARTNER) **Customer Number** (MAP_KUNNR) and **Vendor Number** (MAP_LIFNR) respectively

If the vendor is not related to the business partner or the customer in the source system	Vendor	**Vendor Number** (`MAP_LIFNR`)
If the vendor account group is assigned to an external number range	Vendor	**Vendor Number** (`MAP_LIFNR`)
If the vendor account group is assigned to an internal number range	Vendor (Enter a blank)	**Vendor Number** (`MAP_LIFNR`)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Supplier	All instances of this migration object are relevant to the transfer option.	Create Supplier	Creates a supplier in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner • Supplier	Manage Supplier Master Data (app ID F1053A)	`CMD_MIG_BP_CVI_CREATE`
		Update Supplier	Updates supplier data in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_VENDOR_UPDATE`

Create GOS Attachments	Creates GOS attachments for a supplier in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: GOS documents are assigned to the supplier.	Not relevant	Not relevant	CNV_PE_S4_CA_GOS

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_CA_GOS

APIs/BAPIs

- SDOK_LOIO_CREATE
- SDOK_PHIO_CREATE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Business Partner	BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.148 Class hierarchy

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate class hierarchy data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Class Hierarchy**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Classification System* > *Master Data* > *CLHP - Graphical Hierarchy Maintenance* Component: CA-CL
Business Object Type	Master data

Business Object Definition	The classes used to define a multi-level search path. The initial class has subordinate classes assigned to it, and you can restrict the search systematically by choosing the appropriate subordinate class.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects class hierarchies from the `KSSK` table if the following condition is met:

The value of the *Indicator: Object/Class* (`MAFID`) field is **K**.

In Scope

The following data is set for migration to SAP S/4HANA:

Class hierarchy data

Out of Scope

Object classification data

Prerequisites

Source System

Before you can start the migration process, for example, ensure the following Customizing in the source system:

Class type is active for the relevant class hierarchy

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Class type is active for the relevant class hierarchy

You have migrated or defined settings in the following migration objects:

- Characteristic
- Class

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`C_KLAH_BKL` (Authorization for Classification)

`C_KLAH_BKP` (Authorization for Class Maintenance)

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_KLAH_BKL` (Authorization for Classification)

`C_KLAH_BKP` (Authorization for Class Maintenance)

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_CLASS_HIERARCHY`

Virtual Tables

`CLASS_HIER`: To read the subordinate class information for a superior class

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Class Hierarchy	All instances of this migration object are relevant to the transfer option.	Create Class Hierarchy	Creates the class hierarchy in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Class Number • Class Type	Display Class Hierarchy (app ID CL6C)	`DMC_MIG_CLASS_HIERA`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CLHP
Display	CL6C

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.149 AFS - Purchase grid condition record

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchase grid condition records from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

> **i** Note
>
> This migration object refers to application variants in the target SAP S/4HANA system.

Related Business Object: **Purchase Grid, Condition Record**

Business Object Component/Area	Component: IS-AFS-BD
Business Object Type	Master data
Business Object Definition	Purchase grid: A subset of a master grid. With the aid of purchase grids, you specify which of the grid values you defined in the master grid for an AFS material are permitted in purchasing. Purchase grids are always uniquely derived from master grid and contain its grid values at most. Condition record: Data record with input and output values for a task. The condition record is created or changed with condition record maintenance and selected in the determination process. The output values are dependent on chosen input values (for example, customer, customer group, product) and are valid for a certain time period. A condition record can, for example, contain a specific free-goods discount for a particular product quantity, or a specific discount for a particular business partner.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

If the application type is "M", purchase grid condition records in the `J_3AGRHD` table are automatically selected for all key combinations.

In Scope

The following data is set for migration to SAP S/4HANA:

- Condition maintenance groups
- Condition types
- Condition record headers for material grids
- Condition record line items for material grids

Out of Scope

BAPI Extensions for custom fields

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Relevant access sequence is active for the migration specific condition types.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`/SAPCND/CM` (Condition Technique: Condition Maintenance (Generic Part))

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_MM_PURCH_GRID_APP_VAR`

Virtual Tables

- `APP_CONDREC_HDR`: To store header data for condition records
- `APP_CONDREC_ITEM`: To store item data for condition records

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Purchase Grid Condition Record	All instances of this migration object are relevant to the transfer option.	Create Purchase Grid Condition Record	Creates the purchase grid condition record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Application Variant	Not relevant	`FSH_API_VAR_CONDREC_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	FSH_VAR_MM

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.150 AFS - Sales grid condition record

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate sales grid condition records from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Objects: **Sales Grid, Condition Record**

Business Object Component/Area	User Menu Path: *SAP Menu* > *Logistics* > *Sales and Distribution* > *Grid Control Data* Component: IS-AFS-SD

Business Object Type	Master data
Business Object Definition	Sales grid : A subset of a master grid that contains the grid value variants of a material for use in sales. Condition record: Data record with input and output values for a task. The condition record is created or changed with condition record maintenance and selected in the determination process. The output values are dependent on chosen input values (for example, customer, customer group, product) and are valid for a certain time period. A condition record can, for example, contain a specific free-goods discount for a particular product quantity, or a specific discount for a particular business partner.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

If the application type is "V", all sales grid condition records in the `J_3AGRHD` table are automatically selected for all key combinations.

In Scope

The following data is set for migration to SAP S/4HANA:

- Condition maintenance groups
- Condition types
- Condition record headers
- Condition record items

Out of Scope

BAPI extensions for custom fields

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Relevant access sequence is active for condition types selected for migration.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- Customer

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`/SAPCND/CM` (Condition Technique: Condition Maintenance (Generic Part))

`/SAPCND/CO` (Condition Technique: Field Catalog, Condition Table)

`/SAPCND/SS` (Condition Technique: System Settings)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_SD_SALES_GRID_VARIANTS`

Virtual Tables

- `CONDRECHEADERS`: To store header data for condition records
- `CONDRECITEMS`: To store item data for condition records

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Sales Grid Condition Records	All instances of this migration object are relevant to the transfer option.	Create Sales Grid Condition Records	Creates sales grid condition records in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Maintain Application Variants - Sales (app ID FSH_VAR_SD)	`FSH_API_VAR_CONDREC_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	FSH_VAR_SD

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.151 AFS - Value-added service

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate value added service data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Value-Added Service**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *AFS Master Data* > *Value-Added Services* Component: IS-AFS-SD
Business Object Type	Master data
Business Object Definition	Services that improve the appearance, attractiveness and processing of a product, for example, packing, ticketing and special service.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Ticketing/labeling data
- Packing data

- Special services data

> **i** Note
>
> Value-added service records that are marked for deletion are not migrated.

Out of Scope

- Status information
- Service hanger data
- Service hang tags
- Service packaging information
- Service ironing data

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **AFS - Article** migration object.

Depending on your scenario, you have also migrated or defined settings in the following migration objects:

- AFS - Season
- Customer
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`/SAPCND/CO` (Condition Technique: Field Catalog)

`/SAPCND/CM` (Condition Technique: Condition Maintenance (Generic Part))

`/SAPCND/SS` (Condition Technique: System Settings)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_VALUE_ADDED_SERVICES`

Virtual Tables

- `HEADERS`: To store VAS header data
- `ITEMS`: To store VAS item data
- `TEXTS`: To store texts in multiple languages

Note that virtual tables do not exist in the database.

VAS Service Types in the Target System

This migration object automatically populates VAS service type values in the target system using the VAS Service Types (`MAP_AFS_VAS_SERVICE_1`) mapping task. The populated values are picked up from the service types delivered by SAP.

Data	Service Type Value
Packing	40
Service	30
Ticketing/Labeling	10 if the data starts with T* 20 if the data starts with any other value

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Value Added Services	All instances of this migration object are relevant to the transfer option.	Create VAS Condition Records	Creates VAS condition records in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Maintain Value Added Services - for Sales (app ID FSH_VAS_SD)	`FSH_API_VAS_CONDREC_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	FSH_VAS_SD

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.152 Class

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate class data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Class**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Classification System* > *Master Data* Component: CA-CL
Business Object Type	Master data
Business Object Definition	A group of similar objects described by means of characteristics that they have in common.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects all classes from the `KLAH` table in the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Class basic data
- Class standard data
- Class keywords
- Class characteristics
- Class long texts
- Class local dependencies
- Characteristic overwritten values
- Characteristic overwritten value local dependencies
- Change number data
- Linkages between class and document

Out of Scope

- Long texts for characteristic overwritten values
- Deletion of local dependencies for classes
- Deletion of local dependencies for characteristic overwritten values
- Changes of local dependencies for classes using change numbers
- Changes of local dependencies for characteristic overwritten values using change numbers
- Class global dependencies
- Characteristic overwritten value global dependencies
- Simulation

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Characteristics for non-dimension
- Document info record (DMS)
- ECM - Change master

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_TCLA_BKA` (Create/Validate)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_CLASS_ECN`

Virtual Tables

- `AS_CABN_OMERK` : To handle object-dependent characteristics

- AS_CLS_AENNR: To handle change numbers
- AS_CLS_ALLOC_DEP: To handle class allocation dependencies
- AS_CLS_DEP_DESCR: To handle local dependency descriptions for classes
- AS_CLS_DEP_LTXT: To handle local dependency long texts for classes
- AS_CLS_LTXTS: To handle class long texts
- AS_CLS_OVERWR: To handle characteristic overwritten values for classes
- AS_CLS_OVRWRDSCR: To handle characteristic overwritten descriptions for classes

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Class	All instances of this migration object are relevant to the transfer option.	Create Class	Creates classes in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Class Number • Class Type	Display Class (app ID CL03)	CNV_PE_S4_AFS_CA_ECN_CLASS

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_AFS_CA_ECN_CLASS

APIs/BAPIs

- BAPI_CLASS_CREATE
- BAPI_CLASS_CHANGE
- BAPI_CLASS_MAINT_LOCAL_DEP
- CLCM_CLASS_FEATURE_KNOWL_VAL_O

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CL02
Display	CL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.153 Document info record (DMS)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate document info record data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Document Info Record**

Business Object Component/Area	Component: CA-DMS (Cross-Applications: Document Management)
Business Object Type	Master data
Business Object Definition	Master record containing all information necessary to manage a document. The data is sorted according to various criteria. A document info record contains both descriptive data (such as language and laboratory) and control data (such as change number and status).Document management at SAP has two sides: on one side are the originals, which can be in any format, and on the other side is the document info record, which makes the originals available to other SAP objects by means of object links.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

> **i Note**
>
> All document info records are automatically selected for migration. You can restrict the selection in the LTMOM transaction.

In Scope

The following data is set for migration to SAP S/4HANA:

- Document data for document info records
- Descriptions data for document info records
- Originals data for document info records
- Content versioning data
- Additional files
- Long texts

- Status information (not including status change logs)

> **i** Note
>
> - Document info records you set for deletion in the source AFS system are not migrated.
> - **Important**: Migrate document info records in the same sequence as the sequence of versions to ensure consistency.
>
> **Additional Migration Considerations**
>
> Migrate classification details linked to the document info record separately using the **Object classification (general template)** migration object.
>
> You can migrate object links related to the document info record separately for the following migration objects:
>
> - AFS - Non-dimensional characteristic
> - PM - Equipment
> - PP - Material BOM
> - PP - Routing
> - PP - Sales order BOM

Out of Scope

- Classifications
- Document hierarchies
- Document structures
- Object links
- Change numbers
- Change logs
- Document distribution data
- Digital signature
- Status change logs

> **i** Note
>
> - If you have multiple steps for migration, you can simulate only this feature: Document info record metadata.
> - The following feature is out of scope for simulation: Originals/Attachments.
> - During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, ensure the following Customizing in the target system:

- The *Version Assignment* checkbox is deselected for the relevant document types in the IMG path: *Cross-Application Components* > *Document Management* > *Control Data* > *Define Document Types*.
- **Important**: To ensure classification assignments for those document info records that have the **Locked** (S-type) status, change the status type from **Locked (S)** to **' ' (space)** for all document types in the Define Document Types configuration. After migraton, change the status type back from **' ' (space)** to **Locked (S)**.
- In the mapping task for the *Document Number* (`DOKNR`) field, the number range is set to external for the `DOKUMENT` number range object.
- No explicit changes made to mapping tasks for document versions
- Content repository and storage category to store the originals
- MIME types in the IMG path: *Cross-Application Components* > *Document Management* > *General Data* > *Define Workstation Application*

> **i Note**
>
> Storage type: The same content repository should be used in the source and target systems. If you are using an SAP system database as the content repository in the source system, you should configure the same content repository as an HTTP server pointing to the source R/3 system in the target system.

Source System

Before you can start the migration process, for example, ensure the following Customizing in the source system:

> **i Note**
>
> Documents are checked into the source system to enable them to be opened by different users in the target system
>
> Its recommended that, Document types have one-to-one mapping in the source and target systems with similar configurations

> **i Note**
>
> Implement SAP Note 685521 in the source system. The HTTP server you are pointing to in the target system, is the host address in the source system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_DRAW_TCD`(Authorization for document activities)

`C_KLAH_BKL` (Authorization for Classification)

`C_TCLA_BKA` (Authorization for Class Types)

`C_DRAD_OBJ` (Create/Change/Display/Delete Object Link)

`C_DRAW_TCS` (Status-dependent Authorizations for documents)

Note that the information given here is not exhaustive.

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_AFS_CA_DIR`

Virtual Tables

`AS_LONGTEXTS`: To store long texts for DIR

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Document Info Record	All instances of this migration object are relevant to the transfer option.	Create Document Info Record	Creates the document info record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Document Type • Document Number • Document Part • Document Version	Not relevant	`CNV_PE_S4_CA_DIR`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_CA_DIR`

APIs/BAPIs

`BAPI_DOCUMENT_CREATE2`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

After migration, select the *Version Assignment* checkbox on the *Define Document Types: Overview* screen for each document type. (Relevant transaction: DC10)

After migration, change the status type back from **' ' (space)** to **Locked (S)** for all document types with the **DIR Released** status for classification assignments.

This migration object creates:

- Document info records and document statuses with the migration date
- Originals data with the user and date information from the source system

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Find Document	CV04N
Change	CV02N
Display	CV03N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.154 FI - SEPA Mandate

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate SEPA mandate data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **SEPA Mandate**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* > *Master Records* > *SEPA Mandates* Component: FI
Business Object Type	Master data

Business Object Definition	Payers use SEPA mandates to grant their vendors or service agents the authorization to debit their account with the appropriate payment amount as part of a SEPA direct debit.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All SEPA mandates from the `SEPA_MANDATE` table belonging to Financial Accounting are automatically selected for the company codes that you specified when defining the migration scope.

Additional selection criteria:

- `ANWND` is set to "F" (Financial Accounting)
- `MVERS` is set to "0" (Current version)
- `SND_TYPE` is set to "BUS3007" (Customer payer ID)
- `REF_ID` is set to space (Blank contract ID)

> **i Note**
>
> For the selection criteria listed above, the company codes are stored in the *Recipient ID* field of the `SEPA_MANDATE` table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Payer information
- Payment recipients
- Use data for SEPA mandates with the Active status

> **i Note**
>
> After migration, the system treats a SEPA mandate with blank use data as a new (first use) mandate. During a payment run (F110), all related fields are updated for new mandates, thereby possibly increasing the processing time of payment instructions. To avoid an increase in processing time, this object migrates use data for SEPA mandates with an active status from the source ERP system to the target SAP S/4HANA system. During the migration, document numbers and dates remain unchanged. For the purpose of easy identification, the ID number of the *Payment Run of First Use* field is migrated with the value "CNV_MC_MIG".

Out of Scope

- Previous versions of SEPA mandates
- One-time SEPA mandates where the sender type (business object) is Accounting Document Line Item (BSEG).
- Internal number range

> **i Note**
>
> Validation of dependencies (such as customer and bank data business objects) is not carried out during migration of SEPA mandate data for these statuses:
>
> - Canceled
> - Locked
> - Obsolete
> - Completed

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Customer
- FI - Bank account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_SEPA_MDT` (Authorization for Processing a Global SEPA Lock)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_FI_SEPA_MANDATE`

Virtual Tables

`USE_SEPA_MANDATE`:To process the SEPA mandate use data

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate SEPA Mandate	All instances of this migration object are relevant to the transfer option.	Create SEPA Mandate	Creates a SEPA mandate in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Mandate Ref.	Not relevant	`SEPA_MANDATES_API_MIG_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

You can update use data manually using the FSEPA_M4 transaction code.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FSEPA_M2
Display	FSEPA_M3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.155 VC - Object dependency and dependency net

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate object dependency and dependency net data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Global Object Dependency**

Business Object Component/Area	User Menu Path: *Logistics* > *Central Functions* > *Variant Configuration* > *Dependency* > *Single Dependency* User Menu Path: *Logistics* > *Central Functions* > *Variant Configuration* > *Dependency* > *Dependency Net* Component: LO-VC
Business Object Type	Master data

Business Object Definition	The mutual interdependencies between objects. Object dependencies can be defined between characteristics and characteristic values such that 21-speed gears are only allowed for racing bicycles. They can also be defined to ensure that the correct BOM items and operations are selected when an object is configured. They can be described in a dependency editor using a special syntax.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Descriptions
- Long texts
- Source code
- Change numbers

Out of Scope

- Actions
- Rules
- Deleted global dependencies and dependency net

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Non-dimensional characteristic
- ECM - Change master

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_CA_GTF_VC_OBJ_DEPENDENCY`

Virtual Tables

- `DEPENDENCY_DATA`: To handle the basic data of dependencies
- `DESCRIPTION`: To handle dependency descriptions
- `SOURCE`: To handle the source code for object dependencies
- `DOCUMENTATION`: To handle dependency long texts
- `AS_AENNR`: To handle change numbers
- `AS_CONS` : To handle constraints
- `SOURCE_REF` : To handle object dependency cross-references

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Object Dependency and Dependency Net	All instances of this migration object are relevant to the transfer option.	Create Dependency and Dep. Net	Creates an object dependency and dependency net in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Dependency Name	Display Dependency (app ID CU03)	`CNV_PE_S4_AFS_DEP_MAINTAIN`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_DEP_MAINTAIN`

APIs/BAPIs

- `VCH_DEPENDENCY_MAINTAIN`
- `VCH_CNET_CONSTRAINT_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change Dependency	CU02
Display Dependency	CU03
Change Dependency Net	CU22
Display Dependency Net	CU23

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.156 VC - Assign global dependency to characteristic

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to assign global object dependencies to characteristics after migration from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs)

Related Business Object: **Characteristics**

Business Object Component/Area	Component: CA-CL
Business Object Type	Master data
Business Object Definition	A special allocation function that enables allocation of global dependencies to characteristics Object dependencies can be defined between characteristics and characteristic values. They can be described in a dependency editor using a special syntax.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

All characteristics that have global object dependencies assigned are automatically selected from the `CABN` table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Global dependencies for characteristics
- Overwritten values for characteristics
- Change number data

Out of Scope

Deletion of global object dependencies in characteristics

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Characteristics for dimension
- AFS - Characteristics for non-dimension
- VC - Global object dependency and dependency net

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`C_CABN` (Create Characteristics)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_CHARACT_ASSGN_GLOB_OBD`

Virtual Tables

- `CABN_AS`: To hold characteristics
- `CAWN_AS`: To hold characteristic values
- `VCUOB_AS`: To hold characteristic value assignments to dependencies
- `VCUKB_AS`: To hold maintenance information for characteristic value dependencies
- `TCME_AS`: To hold the validity of characteristics
- `CCUOB_AS`: To hold characteristic assignments to dependencies
- `CCUKB_AS`: To hold maintenance information for characteristic dependencies

Note that virtual tables do not exist in the database

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Assign Global Object Dependency to Characteristic	All instances of this migration object are relevant to the transfer option.	Assign Global Object Dependency	Assigns global object dependencies to a characteristic in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4AFS_CA_CHARGLOBOBJDEP`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4AFS_CA_CHARGLOBOBJDEP`

APIs/BAPIs

- `CTMV_CHARACT_CHANGE_KNOWL`
- `CTMV_CHARACT_CHANGE_KNOWL_VAL`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	CT04

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.157 VC - Assign global dependency to class

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to assign global object dependencies to classes after migration from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Class**

Business Object Component/Area	Component: CA-CL
Business Object Type	Master data
Business Object Definition	A group of similar objects described by means of characteristics that they have in common.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

All classes that have global object dependencies assigned are automatically selected from the `KLAH`table.

In Scope

The following data is set for migration to SAP S/4HANA:

- Class dependencies (Global)
- Overwritten value dependencies (Global)
- Deletion of global dependencies assignments

Out of Scope

Assignments without change numbers

> **i** Note
>
> During migration, this migration object checks whether class characteristics have been changed with a change number in the target system.
>
> If the changes have taken place, the migration object uses the change number information in the source system to assign global dependencies to the **Class** object and the overwritten class values.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Class
- VC - Object dependency and dependency net

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`C_TCLA_BKA` (Authorization for Class Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_CLASS_ASSIGN_GLOBJDEP`

Virtual Tables

- `AS_CLS_AENNR`: To store engineering change number data
- `AS_CLASS_ALLOC_DEP`: To store assignment data of class dependencies
- `AS_CLASS_OVERWR`: To store assignment data of overwritten values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Global Dependency	All instances of this migration object are relevant to the transfer option.	Create Global Dependency	Assigns global dependencies to classes in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Class Number • Class Type	Display Class (app ID CL03)	`CNV_PE_AFS_CA_CLASS_GLOOBJ_DEP`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_AFS_CA_CLASS_GLOOBJ_DEP`

APIs/BAPIs

- BAPI_CLASS_ALLOC_GLOB_DEP
- CLCM_CLASS_FEATURE_KNOWL_VAL_O

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CL02
Display	CL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.158 AFS - Article

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate article data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Article**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Material Master* > *Material* Component: IS-AFS-MM/LO-FSH
Business Object Type	Master data
Business Object Definition	An article is the smallest unit or customer pack that can be ordered independently and that cannot be split into smaller units.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants and sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects materials from `MARA` table for the derived plants and sales organizations.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Deletion indicator at the basic data level
- Deletion indicator at the plant data level
- International article numbers
- Long texts
- Material data at the plant level
- Material description
- POS data
- Sales data
- Seasons data
- Segmentation-dependent data for:
  - Weights and volumes
  - General MRP

    - Quantities
    - Sales statuses
    - Storage
    - Valuations
    - Warehouses
- Storage location data
- Storage type data
- Tax classification data
- Units of measurement
- Valuation data
- Vendor-specific EANs
- Warehouse data

> **i** Note
>
> The **Object classification (general template)** migration object migrates classification data.

Out of Scope

- Planning data
- Forecast values
- Forecast parameters
- Total consumption data
- Unplanned consumption data
- Layout modules
- Material change history
- Materials set for deletion
- Tables and fields in the customer name space
- Materials with item categories ERLA and LUMF

Note that the information provided here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Material groups with reference material
- Material groups assigned to the configuration class
- Customer data
- Supplier data

You have migrated or defined settings in the following migration objects:

- AFS - Configuration class for material grid
- AFS - Dimensional characteristic
- AFS - Non-dimensional characteristic
- AFS - Season
- AFS - Segmentation default value
- AFS - Segmentation strategy

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`M_MATE_WRK` (Material Master: Plants)

`M_MATE_LGN` (Material Master: Warehouse Numbers)

`M_MATE_MAF` (Material Master: Material Locks)

`M_MATE_MAN` (Material Master: Data at Client Level)

`M_MATE_MAR` (Material Master: Material Types)

`M_MATE_MAT` (Material Master: Materials)

`M_MATE_NEU` (Material Master: Create)

`M_MATE_STA` (Material Master: Maintenance Statuses)

`M_MATE_VKO` (Material Master: Sales Organization/Distribution Channel)

`M_MATE_WGR` (Material Master: Material Groups)

`M_MATE_WRK` (Material Master: Plants)

`M_MSEG_BMB` (Material Documents: Movement Type)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_ARTICLE_MASTER`

Virtual Tables

- `MARC_VAL`: To store grid-based plant data for AFS materials. (This migration object creates an AFS material as a separate article in SAP S/4HANA.)

- SEG_MRP: To store grid-based MRP data belonging to the J_3AMAD table.
- MBEW_AFS: To store AFS valuation data not based on segments.
- MBEW_SEG_AFS:To store AFS valuation data based on segments.
- MARM_VAL: To store unit of measure data that have grid variations.
- SEG_WTVOL: To store segmentation-specific weights and volumes belonging to the /AFS/MARM table.
- MVKE_VAL: To store grid-based sales data
- SEG_MVKE: To store grid-based sales data based on segments.
- MLGN_AFS: To store grid-based warehouse data
- SEG_MLGN:To store grid-based warehouse data based on segments.
- MLGT_AFS: To store grid-based storage location data belonging to the /AFS/MLGT table.
- SEG_MLGT_AFS: To store storage location data belonging to the /AFS/MLGT table. (This migration object selects storage location data based on grids and segments.)
- KORDX_VAL: To store the explosion of AFS materials to generic articles and variants (1+n).
- CHAR_VAL: To store the characteristic values responsible for grid creation.
- SEASONS: To store season data.
- MEAN_VAL: To store "de-masked" data from the MEAN table.
- MAT_LTEXT: To store material long texts.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Article	All instances of this migration object are relevant to the transfer option.	Create Article	Creates an article in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number	Display Article (app ID MM43)	BAPI_MATERIAL_MAINTAINDATA_RT

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM42
Display	MM43

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.159 AFS - Distribution curve

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate distribution curve master data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Distribution Curve**

Business Object Component/Area	Component: IS-AFS-BD
Business Object Type	Master data
Business Object Definition	A definition of quantity distribution ratios across different variant-creating characteristics or across valid segmentation value combinations. You use distribution curves to distribute the quantities across different variants if the quantity is provided at generic article level.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Distribution profiles independent of materials
- Category profiles
- Grid profiles

Out of Scope

- Plant profiles
- Period profiles
- Default versions assigned at the plant level

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Configuration class for material grid
- AFS - Segmentation default values

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`J_4KCATW` (Authorization for Whole Category Field)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`FSH_DPR` (Authorization for Distribution Curve)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_DISTRIBUTION_CURVE`

Virtual Tables

- `CABN_NEW`: To store characteristic names
- `DIST_CURVE_AS`: To store distribution curves

Note that virtual tables do not exist in the database.

Functional Comparison Between Source and Target Systems

Source System

In SAP AFS, you can define your distributions using these distribution profile types:

- Plant
- Category
- Grid (based on a mastergrid)
- Period

> **i Note**
>
> - Distribution profiles based on categories are always linked to a coverage strategy.
> - Distribution profiles based on grids are linked to a mastergrid.

Target System

In SAP S/4HANA, the distribution profiles are referred to as distribution curves and have these distribution curve types:

- Segments
- Variants (based on a configuration class)

> **i Note**
>
> - Categories in SAP AFS are termed as segments in SAP S/4HANA and mastergrids in SAP AFS are termed as configuration classes in SAP S/4HANA. Only category profiles and grid profiles are migrated from SAP AFS.
> - If descriptions are not available in the source system, the migration object maintains the distribution curve ID as the description and the logon language as the migration language.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Distribution Curve	All instances of this migration object are relevant to the transfer option.	Create Distribution Curve	Creates distribution curves in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Distribution Curve ID • Distribution Curve Type	Maintain Determ. for Purchasing (app ID FSH_DC_MAINTAIN)	`FSH_DPR_MAINTAINDATA_RFC`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

During migration, this migration object clears the active status of the distribution curve since only one version can be active in the SAP S/4HANA system. You need to manually set the distribution curve (and its version) as active in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	FSH_DC_MAINTAIN

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.160 AFS - Configuration class for material grid

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate configuration class data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Configuration Class**

Business Object Component/Area	Component: LO-RFM
Business Object Type	Master data
Business Object Definition	Important element of the AFS basic data that maps the characteristic values of an AFS material in grid values and permits combinations consisting of up to three dimensions (for example color, size,length). The use of master, purchase and sales grids facilitate the valuation, procurement and sale of AFS materials at SKU level.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

Master grid data

> **i** Note
>
> Material grids you set for deletion in the source AFS system are not migrated
>
> During migration, if the characteristics in the source system and master grid do not match, an error message is displayed. The entry causing the error is not migrated.

Out of Scope

Application grids (purchase grids and sales grids)

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Dimensional characteristic
- AFS - Non-dimensional characteristic

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_KLAH_BKP` (Class Maintenance)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_CONFIGCLASS`

Virtual Tables

`CABN_NEW`: To store characteristics.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Configuration Class for Material Grid	All instances of this migration object are relevant to the transfer option.	Create Configuration Class	Creates configuration classes in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Configuration Class Name • Class Type	Display Class (app ID CL03)	`CNV_PE_S4_AFS_CLASS_CREATE`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_CLASS_CREATE`

APIs/BAPIs

`CLMA_CLASS_CREATE`

The API is used to create configuration classes with the following entries:

- "300" as the class type (`KLAH-KLART`) and
- " " (blank) as the merchandize management system class type (`KLAH-WWSKZ`)

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CL02
Display	CL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.161 AFS - Distribution curve condition

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate distribution condition data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Distribution Condition**

Business Object Component/Area	Component: IS-AFS-BD
Business Object Type	Master data
Business Object Definition	Distribution curve: A definition of quantity distribution ratios across different variant-creating characteristics or across valid segmentation value combinations. You use distribution curves to distribute the quantities across different variants if the quantity is provided at generic article level.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

Demand management data

Only data in the condition tables listed below is migrated:

- Variant with the condition type "01DM":
  - Table `SAPDR004`: (Material / Plant)
  - Table `SAPDR006`: (Material)
- Segment with the condition type "02DM":
  Table `SAPDR102`: (Material)

Sales and distribution data

Only data in the condition table listed below is migrated:

- Variant with the condition type " 01SD":
  Table `SAPDR204`: (Material)

Material management data

Only data in the condition tables listed below is migrated:

- Variant with the condition type "01MM":
  - Table `SAPDR302`: (Material / Plant)
  - Table `SAPDR304`: (Material)

Out of Scope

- Customer
- Customer group

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Distribution curve

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`/SAPCND/CM` (Condition Technique: Condition Maintenance (Generic Part))

`FSH_DPR` (Authorization for Distribution Curve)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_DCOND`

Virtual Tables

- `MARA_J_3AGRPR`: To store AFS grid profiles from the `MARA` table.
- `DIST_COND`: To store distribution conditions.

Note that virtual tables do not exist in the database.

Functional Comparison Between Source and Target Systems

Source System

In the SAP AFS system, you can define your distributions using these distribution profile types:

- Plant
- Category
- Grid (based on a master grid)
- Period

> **i Note**
>
> - Distribution profiles based on categories are always linked to a coverage strategy.
> - Distribution profiles based on grids are linked to a master grid.

Target System

In the SAP S/4HANA system, the distribution profiles are referred to as distribution curves and have these distribution curve types:

- Segments
- Variants (based on a configuration class)

> **i Note**
>
> Categories in the AFS system are termed as segments in the SAP S/4HANA system and master grids in the AFS system are termed as configuration classes in the SAP S/4HANA system. Only category profiles and grid profiles are migrated from the AFS system.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Distribution Curve Condition	All instances of this migration object are relevant to the transfer option.	Create Distribution Curve Conditions	Creates distribution curve conditions in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`FSH_DPR_CONDREC_CREATE_API`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Distribution Curve	FSH_DC_MAINTAIN
Distribution curve: Purchase	FSH_DC_MM
Distribution curve: Sales	FSH_DC_SD
Distribution curve: Demand Management	FSH_DC_DM

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.162 AFS - Dimensional characteristic

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate characteristics for dimension data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Characteristics for Dimension**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Classification System* > *Master Data* > *Characteristics* Component: CA-CL
Business Object Type	Master data
Business Object Definition	Characteristic: An attribute used to describe and distinguish between different objects, for example, color and size. Dimension: A freely definable element of an AFS grid. An AFS grid is composed of up to three dimensions. Dimensions are, for example, length, color, size, or width. Each dimension is composed of dimension values which are all valid entries for a particular dimension.

Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Descriptions
- Values
- Additional data
- Restrictions
- Long texts for characteristic levels
- Documents

Additional Migration Considerations

This migration object migrates characteristics for dimensions belonging to the `/AFS/SAP-D`characteristics group. Other characteristics are migrated using the **Non-dimensional characteristic** migration object.

This migration object migrates long texts at the characteristics level and not the values level. (The WRFCHVAL transaction in the target system doesn't support long texts at the values level.)

During migration, if the characteristics in the source system and the master grid do not match, a warning message is displayed. However, this does not affect the migration process.

Out of Scope

- Characteristics with future values
- Characteristic relevance
- Object dependencies

> **i** Note
>
> The following features are out of scope for simulation:
>
> - Characteristics values
> - Object dependencies
> - Long texts
> - Documents

During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document info record (DMS)
- ECM - change master

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_CABN` (Authorization for characteristics maintenance)

`C_CABN_GRP` (Authorization group in characteristic)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_CHARACTERISTIC_DIM`

Virtual Tables

`CABN_TEXT`: To store characteristic long texts.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Dimensional Characteristic	All instances of this migration object are relevant to the transfer option.	Create Dimensional Characteristics	Creates dimensional characteristics in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Characteristic Name	Characteristics (app ID CT04)	`CNV_PE_S4_AFS_CHARACTERISTICS`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_CHARACTERISTICS`

APIs/BAPIs

- `BAPI_CHARACT_CREATE`
  - This BAPI creates characteristic values and stores dimensional characteristics in a new set of tables in the target system. The BAPI uses the `WRF_CHECK_CHAR_VAL` check function to migrate the dimensional characteristic data.
  - During migration, this migration object clears the value of the `/AFS/SAP-D` characteristic group since the group is AFS-specific.
  - This migration object also clears the *Entry Required* check box from the *Value Assignment* section on the *Basic Data* tab. This check box is cleared to enable the viewing of articles in the MM42 transaction without any inconsistencies.
  - Documents that are attached to characteristics are migrated only if the target system has the same document name.
  - This migration object does not modify or overwrite the existing characteristics in the target system.
  - This BAPI picks up only "allowed values" from the *Values* tab in the source system, because the target system has the `WRF_CHECK_CHAR_VAL` check function on the *Values* tab.
- `WRF_CHARVAL_MAINTAIN_RFC`
  - This migration object assigns a fixed value "E" to the *Check Options* `(CHECKOPT)` field in the `WRF_CHARVAL_HEAD` table. The value "E" indicates **Check Characteristic Values in Material Maintenance with Error**.
  - Additionally, each characteristic defines the characteristic type in the `CHARTYPE` field. The characteristic types available are: color characteristic, size characteristic (main size), size characteristic (secondary size), or Not Typed.
- `BAPI_CHARACT_ADDLONGTEXT`
  This BAPI migrates long texts only for the characteristics level in this migration scenario.

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	CT04

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.163 AFS - Planned independent requirement at SKU level

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate planned independent requirement data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Planned Independent Requirement**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Production Planning* > *Demand Management* > *AFS Planned Independent Requirements* Component: IS-AFS-PP
Business Object Type	Transactional data
Business Object Definition	The required quantity of a product that is planned for a certain time period independently of a specific customer order.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all planned independent requirements from the `J_3AREQS` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

Items

Schedule lines

> **i** Note
>
> Planned independent requirements you set for deletion in the source AFS system are not migrated

Out of Scope

Withdrawal quantity

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Configuration class for material grid
- AFS - Dimensional characteristic
- AFS - Segmentation default value

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_PPBD` (Authorizations for Planned Independent Requirements)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_PLANNED_IND_REQMTS_SKU`

Virtual Tables

`SCHD_LINE`: To store schedule lines

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Planned Independent Requirement	All instances of this migration object are relevant to the transfer option.	Create Planned Independent Requirement (MM-SKU)	Creates planned independent requirements at the SKU level in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material • Plant • Requirement Type • Version	Maintain PIRs (app ID F3445)	`CNV_PE_S4_AFS_PLND_REQ_MNTN`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_PLND_REQ_MNTN`

APIs/BAPIs

- `BAPI_REQUIREMENTS_CREATE`
- `BAPI_REQUIREMENTS_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MD62
Display	MD63

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.164 AFS - Non-dimensional characteristic

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate characteristics for non-dimension data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Characteristics Group**

Business Object Component/Area	User Menu Path: *Cross Application* > *Classification System* > *Master Data* > *Characteristics* Component: CA-CL
Business Object Type	Master data
Business Object Definition	Characteristics: An attribute used to describe and distinguish between different objects, for example, color and size. Characteristics group: A collection of similar characteristics. A characteristics group can be used as a search criterion for finding the characteristics you want to use more easily (when maintaining a class, for example).

Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects characteristics from the `CABN` table if the following condition is met:

The value of the *Characteristic Group* (`ATKLA`) field is NOT **/AFS/SAP-D** (AFS characteristics for dimensions).

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Descriptions
- Values
- Additional data
- Restrictions
- Long texts for characteristics and characteristics values
- Documents
- Local object dependencies
- Characteristic relevance for these function types: BOM, DIM, EAN, GTS, MRP, PRC, PRI, ROU, RSC, SDS, SEA, SRC, VAL, VAR, VAS, WM1 and WM2
- Changes relevant to change numbers

Additional Migration Considerations

- Characteristics belonging to the `/AFS/SAP-D` characteristics group are migrated using the **AFS - Dimensional characteristic** migration object.
- The characteristic group value for the `/AFS/SAP-C` characteristics group in the SAP S/4HANA system is `SGT_SAP-C`.
- If the relevance settings are present in the `/AFS/DIM_RELS` table in the source system, this migration object migrates the relevance data to the target system.
- You can migrate only allowed values from the value check strategy.
- If there are any dependency source code errors, dependencies with the Released status are migrated with the Locked status.

Out of Scope

- Custom relevancy functions

- Characteristic relevance for these functions: FLC, VLC, MRM and MRQ
- Value check strategies other than allowed values
- Assignments of global dependencies
- Advanced variant configurations for dependencies

> **i Note**
>
> The following features are out of scope for simulation:
>
> - Changes related to change numbers
> - Characteristic dependencies
> - Long texts
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Document info record (DMS)
- ECM - Change master

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_CABN` (Authorization for characteristics maintenance)

`C_CABN_GRP` (Authorization group in characteristic)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_CHAR_NON_DIM`

Virtual Tables

- CABN_AS: To store basic data for characteristics.
- CABNT_AS: To store characteristic texts.
- CABNT_LONGTXT: To store long texts for characteristics.
- CAWN_AS: To store characteristic values.
- CAWNT_AS: To store characteristic value texts.
- CAWNT_LONGTXT: To store long texts for characteristic values.
- VCUOB_AS: To store object dependencies for characteristic values.
- VCUKB_AS: To store administration information for characteristic value dependencies.
- VCUKBT_AS: To store texts for characteristic value dependencies.
- VCUKN_AS: To store dependency source code for characteristic values.
- VDOC1_AS: To store dependency long texts for characteristic values.
- TCME_AS: To store validity data for global characteristics.
- DIM_RELS_AS: To store characteristic relevance.
- CCUOB_AS: To store characteristic object dependencies.
- CCUKB_AS: To store administration information for characteristic dependencies.
- CCUKBT_AS: To store characteristic dependency texts.
- CCUKN_AS: To store administration information for characteristics.
- CCUXREF_AS: To store cross references for source code object dependencies.
- CCABN_AS: To store internal characteristics.
- CDOC1_AS: To store dependency long texts for characteristics.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Non-dimensional Characteristic	All instances of this migration object are relevant to the transfer option.	Create Non-dimensional Characteristics	Creates non-dimensional characteristics in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Characteristic Name	Characteristics (app ID CT04)	CNV_PE_S4_AFS_CHAR_NON_DIM

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_CHAR_NON_DIM`

APIs/BAPIs

- `BAPI_CHARACT_CREATE`
- `BAPI_CHARACT_CHANGE`
- `BAPI_CHARACT_ADDLONGTEXT`
- `CTMV_CHARACT_CHANGE_KNOWL`
- `CTMV_CHARACT_CHANGE_KNOWL_VAL`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	CT04

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.165 AFS - Quantity distribution profile

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate quantity distribution profile data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Quantity Distribution Profile**

Business Object Component/Area	Component: IS-AFS-SD
Business Object Type	Master data
Business Object Definition	A tool in the sales order for saving a template for distributing quantities among dimension values. After you have saved the template, you can then enter a factor in the sales order and the system multiplies the number by the quantities in the profile. Example This function is used when items such as shoes are already packed in large boxes according to a certain profile and the customer agrees to buy a certain quantity. This tool makes it easier to enter the quantities for the individual dimension values.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data for quantity distribution profiles
- Deviation quantities for header characteristics
- Deviation quantities for component characteristics

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **AFS - Configuration class for material grid** migration object:

Roles and Authorizations

Target System

To carry out the migration, assign the following authorization object to the user:

`FSH_QDP` (Authorization to Maintain Quantity Distribution Profile)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_QUANTITY_DIST_PROFILE`

Virtual Tables

- `GRID_HDR_VALUE`: To store grid data
- `DIM_VALUES`: To store dimension data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Quantity Distribution Profile	All instances of this migration object are relevant to the transfer option.	Create Quantity Distribution Profile	Creates the quantity distribution profile in SAP S/4HANA System	All instances that qualify for this transfer option are relevant to the transfer step.	• Quantity Distribution Profile	Not relevant	`RFM_API_QDP_MAINTAIN_RFC`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction code shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change / Display	FSH_QDP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.166 AFS - Planned independent requirement at material level

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate planned independent requirement data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Planned Independent Requirement**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Production Planning* > *Demand Management* > *AFS Planned Independent Requirements* Component: PP-MRP
Business Object Type	Transactional data
Business Object Definition	The required quantity of a product that is planned for a certain time period independently of a specific customer order.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects relevant planned independent requirements from the `J_3AREQM` table for the derived plants.

Relevant selection criteria for planned independent requirements:

- Data of single materials
- Data of materials with an empty grid value

- Data of materials with no grid values

In Scope

The following data is set for migration to SAP S/4HANA:

- Items
- Schedule lines

> **i** Note
>
> Planned independent requirements you set for deletion in the source AFS system are not migrated

Out of Scope

Withdrawal quantity

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Configuration class for material grid
- AFS - Dimensional characteristic
- AFS - Segmentation default value

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_PPBD` (Authorizations for Planned Independent Requirements)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_PLANNED_IND_REQMTS_MM`

Virtual Tables

`SCHD_LINE`: To store schedule lines

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Planned Independent Requirement	All instances of this migration object are relevant to the transfer option.	Create Planned Independent Requirement (MM)	Creates planned independent requirements at the material level in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material • Plant • Requirement Type • Version	Maintain PIRs (app ID F3445)	`CNV_PE_S4_AFS_PLND_REQ_MNTN`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_PLND_REQ_MNTN`

APIs/BAPIs

- `BAPI_REQUIREMENTS_CREATE`
- `BAPI_REQUIREMENTS_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MD62
Display	MD63

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.167 AFS - Season

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate season data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Season**

Business Object Component/Area	Component: IS-AFS-SD
Business Object Type	Master data
Business Object Definition	A reporting period in which a special assortment limited to a specific period is merchandised and maintained in the information system in a particular way (for example, summer season, Christmas season, Easter season, winter season).
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Season data
- Collections data
- Theme data
- Season condition data relevant to sales
- Season condition data relevant to purchasing
- Season condition data relevant to production

> **i** Note
>
> The migration object calculates validity dates for season data as described below:
>
> - The *Validity From* date is set as the lower value of the *Order From* dates
> - The *Validity To* date is set as the higher value of the *Delivery To* dates
> - If you do not define the **order from** dates and **delivery to** dates for season data, the **validity from** date is set to January 1 for the year previous to the current year. In addition, the **validity to** date is set to December 31 for the year following the current year.
>
> When the validation result shows the order date occurring after the delivery date in the target system, the order date is set to a day earlier than the delivery date.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Customer** migration object:

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`SWB_DISPLA` (Authorization to display season workbench)

`SWB_PROD_V` (Authorization to display production view in season workbench)

`SWB_PUR_V` (Authorization to display purchasing view in season workbench)

`SWB_SALE_V` (Authorization to display sales view in season workbench)

`SWB_TREE` (Authorizations for season workbench)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_SEASON`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Seasons	All instances of this migration object are relevant to the transfer option.	Create Seasons	Creates seasons in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	FSH_API_SEASON_MAINTAINDATA

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	FSH_SWB

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.168 AFS - Segmentation default value

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate category structure default data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

> **i** Note
>
> This migration object refers to segmentation default values in the target SAP S/4HANA system.

Related Business Object: **Segmentation Default Value**

Business Object Component/Area	Component: IS-AFS-BD
Business Object Type	Master data
Business Object Definition	You can use the Default Segment Value Maintenance tool to create and modify condition records that will be used by the applications, such as Sales Order, Purchase Order, and so on, to determine default segment values.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

Default segmentation values for:

- Sales orders
- Planned orders
- Production orders
- Outline agreements

- Purchase order stock segments
- Purchase requisition stock segments
- Planned independent requirements

Out of Scope

Default segmentation values for:

- Requirement segments for purchase orders
- Requirement segments for purchase requisition
- Safety stock

> **i** Note
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Segmentation strategy
- AFS - Segmentation structure

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`J_4KCATW` (Authorization for Whole Category Field)

Note that the information given here is not exhaustive.

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_AFS_LO_SEG_DEFAULT`

Virtual Tables

`DEFAULT_DATA`: To store the default data created for each segmentation structure.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Segmentation Default Value	All instances of this migration object are relevant to the transfer option.	Create Segmentation Default Value	Creates segmentation default values in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Segmentation Structure • Segmentation Strategy	Not relevant	`RFM_SGT_DEFAULT_VALUE_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	SGT_DEFFAULT

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.169 AFS - Segmentation strategy

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate coverage strategy data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

> **i** Note
>
> This migration object refers to segmentation strategy in the target SAP S/4HANA system.

Related Business Object: **Segmentation Strategy**

Business Object Component/Area	Component: IS-AFS-BD
Business Object Type	Master data

Business Object Definition	A collection of business rules that define which stock materials should satisfy which demand objects. The segmentation strategy is based on the mapping between a stock segment associated with a material in stock and a requirement segment associated with a demand object. Segmentation strategies can be assigned to materials to determine the valid stock segments and requirement segments for the materials to define which requirements should be covered by which stock segments.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- MRP information
- PIR consumption data
- Requirement-to-stock conversions
- Stock-to-requirement conversions

Out of Scope

ATP information for segmentation strategy

> **i** Note
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **AFS - Segmentation structure** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`C_SGTSETUP` (Auth. Object for Segmentation Setup)

Note that the information given here is not exhaustive.

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_AFS_LO_SEG_STRATEGY`

Virtual Tables

`STRAT_DATA`: To store segmentation strategy data.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Segmentation Strategy	All instances of this migration object are relevant to the transfer option.	Create Segmentation Strategy	Creates a segmentation strategy in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Segmentation Structure • Segmentation Strategy	Maintain Strategy - Production Segment (app ID SGTC)	`RFM_SGT_STRATEGY_MAINTAIN_RFC`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	SGTC

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.170 AFS - Segmentation structure

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate category structure data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

> **i** Note
>
> This migration object refers to segmentation structures in the target SAP S/4HANA system.

Related Business Object: **Segmentation Structure**

Business Object Component/Area	Component: IS-AFS-BD
Business Object Type	Master data
Business Object Definition	A well-defined sequence of segmentation characteristics that can be used to define segmentation strategies. Segmentation structures are defined using characteristics that manifest themselves as requirement fields and stock fields in the structure. The characteristics have relevance on both the stock side and the requirement side. Example: A segmentation structure uses the characteristics "quality level" (Q1, Q2, Q3) and "country/region of origin" (India, Germany, USA). The combination, for example, "Q1 India" helps identify the relevance for a sales order.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

Category structures

> **i** Note
>
> Category structures are termed segmentation structures in the SAP S/4HANA system.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Characteristics for segmentation

You have migrated or defined settings in the **AFS - Non-dimensional characteristic** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`SGT_SETUP` (Auth. Object for Segmentation Setup)

Note that the information given here is not exhaustive.

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_AFS_LO_SEG_STRUCTURE`

Virtual Tables

`STRUCTURE_DATA`: To store segmentation structure data.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Segmentation Structure	All instances of this migration object are relevant to the transfer option.	Create Segmentation Structure	Creates a segmentation structure in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Segmentation Structure	Not relevant	`RFM_SGT_STRUCTURE_MAINTAIN_RFC`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	SGTS

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.171 Bank

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This object enables you to migrate bank data from the source AFS system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration process enables you to transfer data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Bank Master**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Banks* > *Master Data* > *Bank Master Record* Component: FI
Business Object Type	Master data
Business Object Definition	A unique number or code that uniformly identifies a bank in the system.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects all bank keys from the `BNKA` table in the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Bank country/region
- Bank key
- Bank address data
- Other address data of the bank

Out of Scope

- Check digit calculation method
- File formats with bank data
- IBAN rules
- SEPA B2B direct debit
- SEPA COR1 direct debit
- SEPA returned debits (R transactions)
- Internal bank categories

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`F_BNKA_MAN` (Banks: General Maintenance Authorization)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_BANKMASTER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Bank	All instances of this migration object are relevant to the transfer option.	Create Bank	Creates the bank key in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Bank Key • Country/Region Key of Bank	Manage Banks (app ID F1574)	`BAPI_BANK_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FI02
Display	FI03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.172 Batch unique at plant level

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate batch data unique at the plant level from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Batch**

Business Object Component/Area	User Menu Path: *Logistics* > *Central Functions* > *Batch Management* > *Batch* Component: LO-BM
Business Object Type	Master data
Business Object Definition	A subset of a material in stock, managed separately from other subsets of the same material.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all batch data unique at the plant level from the `MCHA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Classification data

Out of Scope

- Internal number range
- Long texts for batches

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Non-dimensional characteristic
- Class
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_CHG` (Material Master: Batches/Trading Units)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_MM_BATCHES_PLANTL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Batch Unique at Plant Level	All instances of this migration object are relevant to the transfer option.	Create Batches at Plant Level	Creates batches at the plant level in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Plant • Batch Number	Manage Batches (app ID F2462)	`CNV_PE_S4_AFS_BATCHES`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_BATCHES`

APIs/BAPIs

`VB_CREATE_BATCH`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.

4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MSC2N
Display	MSC3N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.173 CO - Activity type

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate activity type master data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Activity Type**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Activity Type* Component: CO
Business Object Type	Master data
Business Object Definition	A unit in a controlling area that classifies the activities performed in a cost center.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all activity types from the `CSLA` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Activity type texts

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Cost center categories
- Activity type categories

You have migrated or defined settings in the following migration objects:

- CO - Activity type group

- CO - Secondary cost element

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSLA` (CO-CCA: Activity Types Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_ ACTIVITY_TYPE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Activity Type	All instances of this migration object are relevant to the transfer option.	Create Activity Type	Creates an activity type in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Activity Type	Activity Type (S/4 HANA) (app ID F1717)	`BAPI_ACTTYPE_CREATEMULTIPLE`

Update Activity Type Description	Updates the activity type created in the first step with a description in the SAP S/4 HANA system	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_OT_APPL_CO_ACTTYP_CHNG

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_OT_APPL_CO_ACTTYP_CHNG

APIs/BAPIs

BAPI_ACTTYPE_CHANGEMULTIPLE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KL02
Display	KL03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.174 CO - Activity type group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate activity type group master data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Activity Type Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Activity Type Group* Component: CO
Business Object Type	Master data
Business Object Definition	An organizational unit to combine several activity types.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects activity type groups belonging to set classes from the `SETHEADER` table for the derived controlling areas.

> **i Note**
>
> The migration object selects the set class with the value 0105 (Activity Type Group) for transfer.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Groups and values

> **i Note**
>
> This migration object transfers activity type groups maintained in the source system to the target system without any changes. If you want to rename an activity type during migration, you may have to manually modify the activity type names in the groups.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSLA_SET` ((CO:CCA: Activity Type Groups))

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSLA_SET` ((CO:CCA: Activity Type Groups))

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_ACTIVITY_GROUP`

Name of the BAPI used in the source system

`BAPI_ACTIVITYTYPEGRP_GETDETAIL` Object BUS1115 (Activity Type Group) - Method GetDetail

Virtual Tables

- `TAB_NODES`: Hierarchy Nodes
- `TAB_VALUES`: Hierarchy Values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Activity Type Group	All instances of this migration object are relevant to the transfer option.	Create Activity Type Group	Creates an activity type group in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Group Name	Manage Activity Type Groups (app ID F1027)	`BAPI_ACTIVITYTYPEGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.

4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KLH2
Display	KLH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.175 CO - Cost rate

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost rate data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Activity Price**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Planning* > *Activity Output/Prices* Component: CO-OM
Business Object Type	Master data
Business Object Definition	The amount charged for services performed for external or internal receivers.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all cost rate data from the `CSSL` table for the controlling areas.

Additional selection criteria

All cost rate data from the `CSSL` table are automatically selected for the current fiscal year, previous fiscal year and the upcoming fiscal year. Fiscal year data enables a comparison of planned and actual cost rates.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header information
- Objects for plan activity
- Period values for plan activity
- Control values for plan activity

> **i** Note
>
> Cost rates for business processes in the source system are not migrated

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Activity type
- CO - Secondary cost element

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CBPR_PLA` (CO-ABC: Business Process Planning)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_ACTIVITY_PRICE`

Virtual Tables

`FLTR_CSSL`: To store cost rate data of the previous, current, and upcoming fiscal years.

Note that the virtual tables do not exist in the database.

The migration object transfers cost rate information to the target system with default values for the following fields:

Field	Default Value
PERIOD_FROM	001
PERIOD_TO	012
PLAN_CURRTYPE	C

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Rate	All instances of this migration object are relevant to the transfer option.	Post Activity Planning Data	Posts the activity planning data in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_COSTACTPLN_POSTACTOUTPUT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KP26
Display	KP27

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.176 CO - Business process

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate business process data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Business Process**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Activity-Based Costing* > *Master Data* > *Business Process* Component: CO-OM
Business Object Type	Master data
Business Object Definition	Process in a company that uses resources and can involve the activities of different departments. A business process can consume the output of multiple cost centers in a controlling area.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all business processes from the CBPR table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Organizations
- Attributes
- Allocation
- Templates

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration object:

- CO - Cost center
- CO - Profit center
- CO - Business process group
- CO - Secondary cost element

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

K_ABC (CO-ABC: General Authorization Object, Business Processes)

K_CBPR_SET (CO-ABC: Business Process Groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_BUSINESS_PROCESS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Business Process	All instances of this migration object are relevant to the transfer option.	Create Business Process	Creates a business process in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Business Process	Not relevant	`BAPI_PROCESS_CREATEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CP02
Display	CP03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.177 CO - Business process group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This object enables you to migrate business process groups and assigned standard hierarchies from the source AFS system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration process enables you to transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Business Process Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Activity-Based Costing* > *Master Data* > *Business Process Group* Component: CO-OM-ABC
Business Object Type	Master data

Business Object Definition	When you create a business process, you must assign it to a group, which can be either the standard hierarchy itself or a business process group that belongs to the standard hierarchy. The standard hierarchy is the business process group that you create before you define the first business process. You can create additional business process groups as subordinate nodes under the standard hierarchy.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all business process groups and the standard hierarchies from `SETHEADER` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Standard hierarchies assigned to the controlling area

> **i Note**
>
> After the business process master data is migrated to the target system, the respective business process is assigned to the corresponding hierarchy area.

Out of Scope

Values assigned to standard hierarchies

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Standard hierarchies for business processes

- Assignment of standard hierarchies to controlling areas

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

- `K_CBPR_SET` (CO-ABC: Business Process Groups)
- `K_ABC` (CO-ABC: General Authorization Object, Business Processes)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_ CO_BUSINESS_PROCESS_GROUP`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Business Process Group	All instances of this migration object are relevant to the transfer option.	Create Business Process Group	Creates the business process group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Group Name	Not relevant	`BAPI_BUSPROCESSCOGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CPH2
Display	CPH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.178 CO - Cost center

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost center data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cost Center**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Cost Center* Component: CO
Business Object Type	Master data
Business Object Definition	An organizational unit within a controlling area that represents a defined location of cost incurrence. The definition can be based on: • Functional requirements • Allocation criteria • Physical location • Responsibility for costs
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all cost centers from the `CSKS` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company code data
- Address data
- Validity
- Communication data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center group
- CO - Profit center
- JVA - Joint venture master (step 1)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

`K_CSKS` (CO-CCA: Cost Center Master)

`K_CSKS_SET` (CO-CCA: Cost Center Groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_COST_CENTER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Center	All instances of this migration object are relevant to the transfer option.	Create Cost Center	Creates a cost center in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Controlling Area • Cost Center	Manage Cost Centers (app ID F1443A)	`BAPI_COSTCENTER_CREATEMULTIPLE`
		Update Cost Center Description	Updates the cost center created in the first step with a description in the SAP S/4 HANA system	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_OT_APPL_CO_CC_CHNG`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_CO_CC_CHNG`

APIs/BAPIs

`BAPI_COSTCENTER_CHANGEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KS02
Display	KS03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.179 CO - Cost center group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost center groups and assigned standard hierarchies from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using standard Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cost Center Group**

Business Object Component/Area	User Menu Path *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Cost Center Group* Component: CO
Business Object Type	Master data

Business Object Definition	A hierarchical group of cost centers defined and organized according to selected criteria.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects cost center groups and the assigned standard hierarchies from the `SETHEADER` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

Cost center groups

Standard hierarchies assigned to the controlling area

Out of Scope

- Values assigned to standard hierarchies
- Values assigned to related cost center groups
- Standard hierarchies belonging to controlling areas where the enterprise organization is active

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Standard hierarchies belonging to cost center groups are assigned to the relevant controlling area.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

`K_CSKS_SET` (CO-CCA: Cost Center Groups)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKS_SET` (CO-CCA: Cost Center Groups)

`K_CSKS`(CO-CCA: Cost Center Master)

`K_CCA` (CO-CCA: Gen. Authorization Object for Cost Center Accounting)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_COST_CENTER_GROUP`

Virtual Tables

`TAB_NODES`: To store the nodes of the standard hierarchy

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Center Group	All instances of this migration object are relevant to the transfer option.	Create Cost Center Group	Creates the cost center group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Cost Center Group	Manage Cost Center Groups (app ID F1024)	`BAPI_COSTCENTERGROUP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KSH2
Display	KSH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.180 CO - Cost element group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cost element group data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Cost Element Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Center Accounting* > *Master Data* > *Cost Element Group* Component: CO
Business Object Type	Master data
Business Object Definition	An organizational entity that combines cost elements of the same type. Cost element groups can serve various purposes. For example, they can be used to create reports or to process several cost elements in one business transaction.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the chart of accounts from the company codes you specified when defining the migration scope. This migration object automatically selects the cost element groups from the `SETHEADER` table for the derived charts of accounts.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Groups and values

> **i Note**
>
> This migration object transfers cost element groups maintained in the source system to the target system without any changes. If you want to rename a cost element during migration, you may have to manually modify the cost element names in the groups.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKA_SET` (CO-CCA: Cost Element Groups)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKA_SET` (CO-CCA: Cost Element Groups)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_COST_ELEMENT_GROUP`

Virtual Tables

- `TAB_NODES`: To store group nodes
- `TAB_VALUES`: To store group ranges

Note that these tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Cost Element Group	All instances of this migration object are relevant to the transfer option.	Create Cost Element Group	Creates a cost element group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Chart of Accounts • Group Name	Not relevant	`BAPI_COSTELEMENTGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KAH2
Display	KAH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.181 CO - Internal order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate internal order data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Internal Order**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Internal Orders* > *Master Data* > *Special Functions* > *Order* > *Create* Component: CO
Business Object Type	Transactional data
Business Object Definition	An internal order is an instrument used to monitor costs and, in some instances, the revenues of an organization. Internal orders can be used for the following purposes: • Monitoring the costs of short-term jobs • Monitoring the costs and revenues of a specific service • Ongoing cost control
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives controlling areas from the company codes you specified when defining the migration scope. This migration object automatically selects internal orders from the `AUFK` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Internal order description

> **i Note**
>
> After migration, all internal orders are set to the "Created" status regardless of the status in the source system.

Out of Scope

Settlement rules

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

To avoid errors related to settlement rules, you have set all parameters related to settlement rules as “Optional.” The parameters include Screen Control Customizing and Valid Receivers.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Plant
- Object class
- Business area
- Functional area

You have migrated or defined settings in the following migration objects:

- CO - Profit center
- CO - Cost center
- FI - G/L account

If you want to set the status of all migrated internal orders as "Released": You have set the order profile in the KOT2_OPA transaction and selected *Release Immediately* before migration.

> **i Note**
>
> With this setting, after migration, all internal orders are set to the "Released" status regardless of the status in the source system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_ORDER` (CO-OPA General authorization object for internal orders)

`B_URSERST_T` (Status Management Set/Delete User Status using Transaction)

`S_ADMI_FCD`(System Authorizations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_INTORDER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Internal Order	All instances of this migration object are relevant to the transfer option.	Create Internal order	Creates the internal order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Order ID	Manage Internal Orders (app ID F1604)	`BAPI_INTERNALORDER_CREATE`

> **i** Note
>
> If you have set the number range object to internal, the BAPI still treats it as an external number range object. As a result, errors might occur even though migration was successful.

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KO02
Display	KO03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.182 CO - Profit center

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate profit center data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Profit Center**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Profit Center Accounting* > *Master Data* > *Profit Center* Component: CO
Business Object Type	Master data
Business Object Definition	An organizational unit in Accounting that reflects a management-oriented structure of the organization for the purpose of internal control. Operating results for a profit center can be analyzed using either the cost of sales approach or the period accounting approach. By analyzing the fixed capital as well, you can expand your profit center for use as an investment.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects all active profit centers from the `CEPC` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company code data
- Address data
- Validity information
- Communication data

Out of Scope

Inactive profit centers

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **CO - Profit center group** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`K_PCA` EC-PCA: Responsibility Area, Profit Center

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_PROFIT_CENTER`

> **i** Note
>
> If the profit center is assigned to several company codes, this migration object assigns only the specified company codes to the profit center in the target system. This migration object sets the `ASSIGN_TO_PRCTR` parameter to "X" in the `CEPC_BUKRS` table for the BAPI `BAPI_PROFITCENTER_CREATE` .

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Profit Center	All instances of this migration object are relevant to the transfer option.	Create Profit Center	Creates the profit center in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Profit Center • Controlling Area	Manage Profit Centers (app ID F3516)	`BAPI_PROFITCENTER_CREATE`
		Update Profit Center Description	Updates the profit center created in the first step with a description in the SAP S/4 HANA system	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_OT_APPL_CO_PC_CHNG`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_CO_PC_CHNG`

APIs/BAPIs

`BAPI_PROFITCENTER_CHANGE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

.

Activity	*Transaction Code*
Change	KE52
Display	KE53

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.183 CO - Profit center group

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate profit center groups and assigned standard hierarchies from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Profit Center Group**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Profit Center Accounting* > *Master Data* > *Profit Center Group* Component: CO
Business Object Type	Master data

Business Object Definition	A profit center group is a hierarchical structure of profit centers.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from the company codes you specified when defining the migration scope. This migration object automatically selects profit center groups and the assigned standard hierarchies from the `SETHEADER` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

Profit center groups

Standard hierarchies assigned to the controlling area

Out of Scope

- Values assigned to standard hierarchies
- Values assigned to related profit center groups
- Standard hierarchies belonging to controlling areas where the enterprise organization is active

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Standard hierarchies belonging to profit center groups are assigned to the relevant controlling area.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`K_PCA` (EC-PCA: Responsibility Area, Profit Center)

`K_PCAP_SET` (EC-PCA: Planning Hierarchy)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_PCA` (EC-PCA: Responsibility Area, Profit Center)

`K_PCAP_SET` (EC-PCA: Planning Hierarchy)

`F_UNI_HIER` (Universal Hierarchy Access)

`K_PCA_MD` (EC-PCA: Authorization Object for Profit Center Master Data)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_PROFIT_CENTER_GROUP`

Virtual Tables

`TAB_NODES`: To store nodes of the standard hierarchy

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Profit Center Group	All instances of this migration object are relevant to the transfer option.	Create Profit Center Group	Creates the profit center group in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Profit Center Group	Not relevant	`BAPI_PROFITCENTERGRP_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	KCH2
Display	KCH3

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.184 CO - Secondary cost element

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate secondary cost element master data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Secondary Cost Element**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Cost Element Accounting* > *Master Data* > *Cost Element* > *Individual Processing* > *Edit Cost Element* Component: CO
Business Object Type	Master data
Business Object Definition	A cost element that is used to allocate costs for internal activities.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the controlling area from company codes you specified when defining the migration scope. This migration object automatically selects all secondary cost elements from the `CSKB` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company code data
- Chart of accounts data
- General texts

Out of Scope

Default account assignments

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Company code assignments to the controlling area

You have migrated or defined settings in the following migration object:

FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`K_CSKB` (CO-CCA: Cost Element Master)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_SECONDARY_COST_ELEMENT`

If a group chart of accounts is assigned to a chart of accounts, use the values in the `MAP_KTOPL_BILKT` mapping task.

If a country-specific/local chart of accounts is assigned at the company code level, use the values in the `MAP_BUKRS_ALTKT` mapping task.

If a group chart of accounts is assigned to a chart of accounts AND a country-specific/local chart of account is assigned at the company code level, use the values in both `MAP_KTOPL_BILKT` and `MAP_BUKRS_ALTKT` mapping tasks.

Fixed values defined in this migration object for secondary elements:

- Type of general ledger account is "S"

- P&L statement account type is "X"
- G/L account group is "SECC"
- Field status group is "SECC"
- Cost element category is "21", "31", "41", "42", "43", "50", "51", "52" and "61"

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Secondary Cost Element	All instances of this migration object are relevant to the transfer option.	Create Secondary Cost Element	Creates the secondary cost element in the SAP S/4 HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Chart of Accounts • G/L Account Number	Manage G/L Account Master Data (app ID F0731A)	`GL_ACCT_MASTER_SAVE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FS00
Display	FS00

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.185 CO - Statistical key figure

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate statistical key figure data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Statistical Key Figure**

Business Object Component/Area	User Menu Path: *Accounting* > *Controlling* > *Profit Center Accounting / Cost Center Accounting* > *Master Data* > *Statistical Key Figures* > *Individual Processing* > *Create* Component: CO
Business Object Type	Master data

Business Object Definition	The statistical values describe the following • Cost center • Business process • Profit center There are the following types of statistical key figures: • Fixed value: They are carried forward from the current posting period to all subsequent posting periods. • Total value: They are posted in the current posting period only.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives controlling areas from the company codes you specified when defining the migration scope. This migration object automatically selects the statistical key figures from the `TKA03` table for the derived controlling areas.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Statistical key figure descriptions maintained in available languages

Out of Scope

LIS data for statistical key figures

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Controlling areas
- Statistical key figure hierarchies

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `S_ADMI_FCD`(System Authorizations)
- `K_KA03` (CO-CCA: Statistical Key Figures)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CO_STAT_KEY_FIGURE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Statistical Key Figure	All instances of this migration object are relevant to the transfer option.	Create Statistical Key Figure	Creates statistical key figures in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Statistical Key Figure • Controlling Area	Manage Statistical Key Figures (app ID F1603A)	BAPI_KEYFIGURE_CREATE-MULTIPLE

	Change Statistical key Figure	Changes statistical key figures in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_OT_APPL_AFS_STAT-KEYFIG_CHG

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_AFS_STATKEYFIG_CHG`

APIs/BAPIs

`BAPI_KEYFIGURE_CHANGEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*

Change	KK02
Display	KK03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.186 Customer

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate customer master data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Customer**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Master Data* > *Business Partner* > *Customer* Component: SD
Business Object Type	Master data
Business Object Definition	A business partner with whom a business relationship exists, involving the issue of goods or services.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects all customers from the `KNA1` table for the company codes and derived sales organizations.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Company data including dunning
- Contact persons
- Bank data
- Sales data including sales partner functions
- Industry assignments
- Credit management control data
- Extensions of existing customers to new organization levels
- Credit card data
- Only the following long texts
  - Customer texts
  - Company code texts
  - Sales organization texts
  - Contact person texts
- International versions of addresses

Note that the information given here is not exhaustive.

> **i** Note
>
> - If a customer in the source system is extended to multiple company codes, after data migration, the customer in the target system is extended only to the participating company codes.
> - If a customer in the source system has multiple sales organizations, after data migration, the customer in the target system contains only the selected sales organizations.

Out of Scope

- Documents assigned to the customer
- Classifications
- Updates to existing fields
- Extensions of withholding tax or dunning or texts data to the existing company codes
- Extensions of partner functions of existing sales organizations
- Extensions of existing addresses with an international address version.
- Extensions of sales organizations belonging to existing company codes

Note that the information given here is not exhaustive.

Prerequisites

Source System

Before you can start the migration process, ensure that you have defined values for all fields set as mandatory in the target system. Otherwise, errors may occur after migration. Alternatively, blank values are populated in the mandatory fields after data migration.

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, you have:

- Defined all mandatory Customizing for customer-vendor integration (**CVI**) in the target system.
- Provided the customer account group in the **Customer Account Group (MAP_KTOKD)** mapping task. Doing so enables the migration object to determine the business partner grouping and roles from the following customizing paths:

Business Partner Info	Customizing (IMG) Path
Business partner role	*Cross-Application Components* > *Master Data Synchronization* > *Customer/Vendor Integration* > *Business Partner Settings* > *Settings for Customer Integration* > *Define BP Role Direction Customer to BP*
Business partner group	*Cross-Application Components* > *Master Data Synchronization* > *Customer/Vendor Integration* > *Business Partner Settings* > *Settings for Customer Integration* > *Field Assignment for Customer Integration* > *Assign Keys* > *Define Number Assignment for Direction Customer to BP*

- Registered the **CVI_EI_INBOUND_REQ_ACTIVATE** function module using the **CRMC_BUT_CALL_FU** transaction code with the following entries:

Column Names	Values to Be Filled
Event	CRM Inbound
Object	Business Partner
Item	<Value less than 10000>
Function Name	**CVI_EI_INBOUND_REQ_ACTIVATE**
Call	Selected

You have migrated or defined settings in the following migration objects:

- Bank
- FI - G/L account
- CO - Secondary cost element
- Exchange rate

> **i** Note
>
> **Supplier**

If the customer and vendor refer to the same business entity in the source system, please migrate the **Customer** migration object before you migrate the **Supplier** migration object. Please ensure that both migration objects are included in the same migration project.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`F_KNA1_GEN` (Customer: Central Data)

`F_KNA1_BUK` (Customer: Authorization for Company Codes)

`F_KNA1_APP` (Customer: Application Authorization)

`F_KNA1_GRP` (Customer: Account Group Authorization)

`F_KNA1_BED` (Customer: Account Authorization)

`V_KNA1_VKO` (Customer: Authorization for Sales Organizations)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_SD_CUSTOMER_MASTER`

This migration object identifies the business partner category from the `TSAD3` Customizing table belonging to the customer title. If, for example, the customer title in the source system is "company", the business partner category is "organization".

Handling Referenced Customer Accounts

Migration Context	Migration Object Behavior	User Action Required
If the customer account has referenced customer accounts such as sold-to party or ship-to part party in the source system, but only the customer account is set for migration.	This migration object migrates the customer account, but not the referenced customer accounts. The migration ends in error.	1. Set the referenced customer accounts for migration or manually create the referenced customer accounts in the target system. 2. Migrate the migration object again.

If the customer account has referenced customer accounts in the source system, and all relevant customer accounts are set for migration.	This migration object migrates all customer accounts along with the references among the relevant customer accounts.	Not relevant
If the customer account has referenced customer accounts in the source system, and all relevant customer accounts are set for migration.	This migration object migrates the customer account first and the referenced customer accounts later. The migration ends in error.	1. Migrate the migration object again. 2. This migration object updates references among the relevant customer accounts.

Virtual Tables

- `ADRC_VRN`: To store international address versions
- `KNB1_TEXT`: To store company long text headers for customers
- `KNB1_TEXT_DATA`: To store customer company text data
- `KNVV_TEXT`: To store sales long text headers for customers
- `KNVV_TEXT_DATA`: To store sale long text data for customers
- `TAXNUMBER`: To store tax numbers
- `BP_GENERAL`: To store business partner general data
- `ADRC_C`: To store contact person addresses
- `ADR2_C`: To store telephone numbers for contact persons
- `ADR3_C`: To store fax numbers for contact persons
- `ADR4_C`: To store teletex numbers for contact persons
- `ADR5_C`: To store telex numbers for contact persons
- `ADR6_C`: To store e-mail addresses for contact persons
- `ADR7_C`: To store remote mail addresses (SAP - SAP - Communication; BAS) for contact persons
- `ADR8_C`: To store X.400 numbers for contact persons
- `ADR9_C`: To store RFC destinations for contact persons
- `ADR10_C`: To store ADR10 printer information for contact persons
- `ADR11_C`: To store SSF information for contact persons
- `ADR12_C`: To store FTP and URL data for contact persons
- `ADR13_C`: To store pager information for contact persons
- `ADRT_C`: To store communication data texts for contact persons
- `ADRU_C`: To store the communication usages of contact persons
- `ADRCT_C`: To store address texts for contact persons
- `ADRC_C_VRN`: To store the international address versions for contact persons
- `KNVK_TEXT`: To store contact long text headers for customers
- `KNVK_TEXT_DATA`: To store contact long text data for customers
- `KNA1_TEXT`: To store long text header data for customers
- `KNA1_TEXT_DATA`: To store customer text data
- `BP_ROLES`: To store business partner roles
- `KNZA_HDR`: To store alternative payer data that is common for all company codes

Note that virtual tables do not exist in the database.

Mapping Task Information

Use Case	Enter Values for	In the Mapping Tasks
If the customer and the vendor refer to the same business entity in the source system	Customer and Vendor	**Customer Number (MAP_KUNNR)** and **Vendor Number (MAP_LIFNR)** respectively For example:Customer ABC and vendor XYZ refer to the same business entity in the source system and when customer ABC is migrated to the target system, assume business partner PQR is created with customer roles. Later, when you migrate the vendor migration object, the business partner PQR is automatically assigned to the supplier XYZ.
If the customer is not related to the vendor in the source system (classical scenario)	Customer	**Customer Number (MAP_KUNNR)**
If the customer account group is assigned to an external number range	Customer	**Customer Number (MAP_KUNNR)**
If the customer account group is assigned to an internal number range	Customer (Enter a blank.)	**Customer Number (MAP_KUNNR)**

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Customer	All instances of this migration object are relevant to the transfer option.	Create Customer	Creates the customer in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner Number • Customer Number	Manage Customer Master Data (app ID F0850A)	`CMD_MIG_BP_CVI_CREATE`

Create Credit Management Data	Creates the credit management data for customers in the SAP S/4HANA system.	All instances that qualify for this transfer option and also meet the following condition are relevant to the transfer step: • Credit management data is present for the customer	Not relevant	Not relevant	CNV_PE_S4_AFS_SD_MIG_CUST_KNKK
Update Customer	Updates customer data in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_AFS_CUSTOMER_UPDATE

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: CNV_PE_S4_AFS_SD_MIG_CUST_KNKK

APIs/BAPIs

CMD_MIG_BP_CVI_CREATE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Business Partner	BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.187 ECM - Change master

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate change number data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Engineering Change Number**

Business Object Component/Area	User Menu Path: *Cross-Application Components* > *Engineering Change Management* > *Change Number* Component: LO-ECH
Business Object Type	Master data
Business Object Definition	A component that allows objects to be changed with history (with date validity) or dependent on specific conditions (with parameter effectivity). The different processing statuses of the object are saved. All changes are made with reference to a change master record. In the SAP system, object types can be changed with reference to a change number, such as: • Bills of material • Task lists • Documents • Materials
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Object types :
  - Bills of material
  - Documents
  - Materials
  - Characteristics
  - Class characteristics
- Alternative dates
- Change header long texts

> **i Note**
>
> Change numbers you set for deletion in the source AFS system are not migrated.

Out of Scope

- Object types
  - Task lists
  - Classifications
  - Object dependencies
  - Configuration profiles
  - Variant tables
- Objects

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

Relevant internal and external number ranges for the `AENNR` (Change Master Record) table.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_AENR_ERW` (CC Eng. Chg. Mgmt. Enhanced Authorization Check)

`C_AENR_BGR` (CC Change Master - Authorization Group)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_ENGG_CHANGE_NUMBERS`

Virtual Tables

`AENR_TEXT`: To store header texts

Note that virtual table do not exist in the database.

During migration, for each object type in the migration scope for Engineering Change Number, this migration object clears the values for the `GEN_NEW` and `GEN_DIALOG` fields in the target system. The clearing is done to ensure that there are no dependencies on other master data objects during migration.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Engineering Change Number	All instances of this migration object are relevant to the transfer option.	Create ECM Change Master	Creates engineering change numbers in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Change Number	Manage Change Masters (app ID F2212)	`BAPI_ECN_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CC02
Display	CC03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.188 Exchange rate

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate exchange rate data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Exchange Rate**

Business Object Component/Area	User Menu Path: *SAP Netweaver* > *General Settings* > *Currencies* > *Enter Exchange Rates* Component: FI
Business Object Type	Master data
Business Object Definition	Exchange rates define the relationship between two currencies. They are used to translate an amount into another currency.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

Exchange rates are defined at the client level and are relevant across company codes. Hence, this migration object migrates all exchange rates maintained in the `TCURR`table in the source system to the target system.

In Scope

The following data is set for migration to SAP S/4HANA:

Exchange rates

Out of Scope

Incomplete exchange rates. For example, exchange rate information that is available in the `TCURR` table is missing in the `TCURF` table.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currencies
- Exchange rate types
- Translation ratios

Roles and Authorizations

Source System

Not relevant

Target System

To migrate exchange rates, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

Technical Information

Name of this migration object: `S4_AFS_FI_EXCHANGE_RATE_V2`

Virtual Tables

`AT_FACTORS` : To create structures for the migration BAPI

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Exchange Rate	All instances of this migration object are relevant to the transfer option.	Update Exchange Rate	Updates the exchange rate in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_EXCHRATE_CREATEMULTIPLE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain	OC41

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.189 Fixed asset (including balance)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate legacy data for fixed assets from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Fixed Asset**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Fixed Assets* Component: FI-AA
Business Object Type	Master data and transactional data

Business Object Definition	A fixed asset is an object, a right, or another item owned by the enterprise that is intended for long-term use, and can be identified individually in the balance sheet. The development of the values of an asset can be viewed for the asset as a whole, or can be viewed for the asset's component parts (subnumbers). Example: Fixed asset "printing press" with asset components "rollers" and "replacement spindle".
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All fixed assets from the `ANLA` table, which do not have a deactivation date, are automatically selected for the company codes you specified when defining the migration scope .

In Scope

The following data is set for migration to SAP S/4HANA:

- Master details
- Inventory
- Posting information
- Time-dependent data
- Allocations
- Origin
- Account assignments for investment
- Net worth valuations
- Real estate and similar rights
- Depreciation areas
- Investment support keys
- Cumulative values
- Posted values
- Transactions
- Proportional values on transactions
- Assets under Construction (AuC)

Time of Transfer

- If you transfer balances at the end of a fiscal year, this migration object transfers the accumulated acquisition cost and the accumulated depreciation values.
- If you transfer balances during a fiscal year, this migration object transfers:
  - The accumulated acquisition cost

- Accumulated depreciation values
- Transactions dated from the beginning of the fiscal year until the transfer date

By default, the posted depreciation from the beginning of the fiscal year until the transfer date is transferred.

Assets under Construction (AuC)

- AuC open items are transferred with the transaction type "900".
- Down payments for AuC are transferred with the transaction type "910".
- AuC line items and assigned documents are transferred to the target system.
- Credit memos with the transaction type "105" and containing negative values are migrated with the transaction type "100". The BAPI does not accept negative values.
- The migration object posts cumulative values as transactions since cumulative values are not allowed for AuC.

Out of Scope

- AuC that are 100% settled in the source system
- Down payments for AuC that are already cleared in the source system
- Insurance data
- Retirement data
- Investment measures
- Assets with blank capitalization dates

> **i** Note
>
> If a depreciation is defined to take over acquisition values from other depreciation areas (Areas 15, 31, and 33, for example, take over values from Area 01 and 32), and you transfer the acquisition values, the system ignores the acquisition values. For the depreciation areas 31 and 33, the system derives the values from the leading depreciation area (01, 32). Therefore, you do not need to transfer cumulative values for these depreciation areas.

Prerequisites

Source System

Before you can start the migration process, for example, ensure the following Customizing in the source system:

- You have completed the Balance Carry Forward process using the FAGLGVTR transaction.
- You have closed the previous fiscal year in Asset Accounting.
- You have only one fiscal year open in the system for Asset Accounting.

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- You have made the settings for the relevant depreciation areas. These settings determine the type of data migrated from the source system. The migration is successful only if the values are compatible with the depreciation area settings. Depreciation area Customizing should match in the sender and target systems.
- You have defined the offsetting account for legacy data transfer (asset balance sheet account) for Asset Accounting in the **Define Offsetting Account for Legacy Data Transfer** activity.
- You have specified the transfer date, the document type, and the legacy data transfer status.
- If you want to do a year-end migration, you have set the **Transfer Year Information** mapping task to the value "**X**". If you want to do a mid-year migration, you have set the value in the mapping task as blank.
- You have set the transfer date in the target system as the last day of the month in the mid-year migration scenario. For example, if you want to set the transfer date in the month of November 2023, you need to set the date to November 30, 2023.
- You have set the transfer date in the target system as the last day of the fiscal year in the year-end migration scenario.
- You have closed the previous fiscal year in Asset Accounting.
- You have confirmed that the current open fiscal year in the target system matches the current open fiscal year in the source system.
- You have confirmed that the last closed fiscal year in the target system matches the last closed fiscal year in the source system.
- You have only one fiscal year open in the system for Asset Accounting.

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Cost center
- CO - Internal order
- FI - G/L account
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`A_A_VIEW` (Asset: View)

`A_S_ANLKL` (Asset Master Data Maint: Company Code/Asset Class)

`A_S_KOSTL` (Asset Master Record Maintenance: Company Code/Cost Center)

`A_S_GSBER` (Asset Master Data Maintenance: Company Code/Business Area)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_FI_AA_2`

Virtual Tables

- `CUMULATEDVALUES`: To store cumulative values
- `POSTEDVALUES`: To store posted values
- `TRANSACTIONS`: To store transactions values
- `PROPORTIONALVALU`: To store proportional values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Asset	All instances of this migration object are relevant to the transfer option.	Create Asset with Balances	Creates assets and asset balances in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Main Asset Number • Sub Asset Number	Display Asset Master Worklist (app ID F1592)	`BAPI_FIXEDASSET_OVRTAKE_CREATE`
		Post to Asset (AuC)	Posts a value to the asset under construction in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_OT_APPL_PE_AFS_WRAP_ASSET`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_OT_APPL_PE_AFS_WRAP_ASSET`

APIs/BAPIs

`BAPI_FIXEDASSET_OVRTAKE_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

To ensure that the legacy data transfer is carried out completely, reconcile the data in the target system with the data in your source system. Ensure that you reconcile the legacy data transfer and the corresponding lists for documentation purposes before you release the SAP system to run operations in Asset Accounting.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	AS02
Display	AS03

Further Information

For more information about how to reconcile data, see SAP Note 2304473.

For more information about Balance Carry Forward, see SAP Note 2427888.

For more information about legacy data transfer in SAP_FIN 720 and relevant releases, see SAP Note 2208321.

Available Migration Objects [page 2] in SAP S/4HANA.

1.190 FI - Accounts receivable open item (classic GL)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts receivable open items from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Account Receivable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Open items are items that are not yet cleared. The Accounts Receivable application component records and administers accounting data for all customers. Accounts Receivable open items, are also known as Customer open items.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts receivable open items from the `BSID` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts receivable open items
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes only in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Customer noted items
- Down payment requests
- SEPA mandate details such as validity and administrative data
- Open items where document splitting is active in the target system

> **i** Note
>
> If multiple mandates are assigned to a single line item, only the latest mandate is migrated.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Tax category is removed from the master data for the customer reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems
- You have created and activated the ACC_DOCUMENT BAdI implementation in the target system. Please see SAP Note 2717381 for information about BAdI implementations.

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process

- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- Customer
- FI - G/L account
- FI - House bank
- FI - SEPA mandate
- Fixed asset (including balance)
- Article
- SD - Sales contract

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_AR_OI_CLASSIC_GL`

Virtual Tables

`SEPA`: To store information for one-time SEPA mandates

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Receivable	All instances of this migration object are relevant to the transfer option.	Post Accounts Receivable	Posts the accounts receivables in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	BAPI_ACC_DOCUMENT_POST

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the customer reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.191 FI - Accounts receivable open item (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts receivable open items from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Receivable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Open items are items that are not yet cleared. The Accounts Receivable application component records and administers accounting data for all customers. Accounts Receivable open items, are also known as Customer open items.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts payable open items from the `BSID` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts receivable open items
- General ledger views generated using the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes only in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Customer noted items
- Down payment requests
- Customer-specific split characteristics
- SEPA mandate details such as validity and administrative data

> **i** Note
>
> If multiple mandates are assigned to a single line item, only the latest mandate is migrated.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Tax category is removed from the master data for the customer reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems
- Document splitting settings must be the same in source and target systems
- You have created and activated the ACC_DOCUMENT BAdI implementation in the target system. Please see SAP Note 2717381 for information about BAdI implementations.

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- FI - G/L account
- FI - House bank
- FI - SEPA mandate
- Fixed asset (including balance)
- Article
- Customer
- SD - Sales contract

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_AR_OI_NEW_GL`

Virtual Tables

`SEPA`: To store data related to one-time mandates

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Receivable	All instances of this migration object are relevant to the transfer option.	Post Accounts Receivable	Posts the accounts receivables in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Accounting Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	BAPI_ACC_DOCUMENT_POST

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the customer reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.192 FI - Accounts payable open item (classic G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts payable open items from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Payable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Payable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Accounts payable are liabilities currently owed by a person or business. The Accounts Payable application component records and administers accounting data for all vendors. Accounts payable open items are those items that are yet to be cleared..
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts payable open items from the `BSIK` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts payable open items
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes only in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system..

Out of Scope

- External number ranges
- Tax lines
- Vendor noted items
- Down payment requests
- Open items where document splitting is active in the target system

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Migration G/L accounts to post offsetting lines
- Tax category is removed from the master data for the vendor reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process
- CO - Internal order
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center
- Exchange rate
- Fixed asset (including balance)

- FI - House bank
- FI - G/L account
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_AP_OI_CLASSIC_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Payable	All instances of this migration object are relevant to the transfer option.	Post Accounts Payable	Posts accounts payable in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Accounting Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the vendor reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.193 FI - Accounts payable open item (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts payable open items from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Payable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Payable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Accounts payable are liabilities currently owed by a person or business. The Accounts Payable application component records and administers accounting data for all vendors. Accounts payable open items are those items that are yet to be cleared..
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts payable open items from the `BSIK` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Accounts payable open items
- General ledger views generated using the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i Note**
>
> If additional local currencies are assigned to company codes only in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system..

Out of Scope

- External number ranges
- Tax lines
- Vendor noted items
- Down payment requests
- Customer-specific split characteristics

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Migration G/L accounts to post offsetting lines
- Tax category is removed from the master data for the vendor reconciliation account
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems
- Document splitting settings must be the same in source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Activity type
- CO - Business process
- CO - Internal order
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center
- Exchange rate
- Fixed asset (including balance)
- FI - House bank
- FI - G/L account
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_AP_OI_NEW_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Accounts Payable	All instances of this migration object are relevant to the transfer option.	Post Accounts Payable	Posts accounts payable in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Accounting Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the vendor reconciliation account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.194 FI - Bank account

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bank account data from the source AFS system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **House Bank Account**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Banks* > *Master Data* > *House Bank and House Bank Accounts* Component: FI
Business Object Type	Master data

Business Object Definition	An internal representation of a company's bank account at a house bank. It contains all control information required for processing payment relevant processing.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All house bank accounts from the `T012K` table are automatically selected for the company codes you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Master data for bank accounts
- Descriptions in master data for bank accounts
- Currencies in master data for bank accounts
- Bank records
- Linkages between bank accounts and house bank accounts

Out of Scope

- Overdraft limits in the master data of bank accounts
- Signatories
- Simulation

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Bank
- FI - House bank
- FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`F_CLM_BAM` (Authorization for Bank Account Management)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_BANK_ACCOUNTS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Bank Account	All instances of this migration object are relevant to the transfer option.	Create Bank Account	Creates the bank account in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • House Bank • House Bank Account • Bank Key • Country/ Region Key of Bank	Manage Bank Accounts (app ID F1366A)	`BAPI_FCLM_BAM_AMD_BNKANT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*

Change	FI12_HBANK
Display	FI13_HBANK

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.195 FI - G/L account

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L accounts and primary cost elements from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (API).

Related Business Object: **G/L Accounts**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Master Records* > *G/L Accounts* > *Individual Processing* > *Centrally* Component: FI
Business Object Type	Master data
Business Object Definition	A structure that records value movements in a company code and represents the G/L account items in a chart of accounts. A G/L account has transaction figures that record changes to the account during a posting period. These figures are totals that are used for G/L reporting.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the charts of accounts from the company codes you specified when defining the migration scope. This migration object automatically selects all G/L accounts from the `SKA1` table for the derived charts of accounts.

> **i** Note
>
> The selected G/L accounts should be present in the `SKB1` table for the specified company codes.

In Scope

The following data is set for migration to SAP S/4HANA:

- Standard G/L account types
- Company code views
- Chart of accounts views
- Types/descriptions
- Control data
- Create/bank/interest data
- Keyword/translation data
- G/L accounts already present in a chart of accounts view

Out of Scope

- Blocked G/L accounts
- Custom G/L account types

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Languages assigned to the charts of accounts in the source and target systems must match.
- If a group chart of accounts is active, all group accounts are maintained or migrated.
- If an alternate group account is active, all alternate accounts are maintained or migrated.
- P/L statement account types
- Company IDs of trading partners
- House banks

You have migrated or defined settings in the **FI - House bank** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`F_SKA1_BUK` (G/L Account: Authorization for Company Codes)

`F_FICB_FKR` (Cash Budget Management/Funds Management FM Area)

`F_SKA1_BES` (G/L Account: Account Authorization)

`F_SKA1_KTP` (G/L Account: Authorization for Charts of Accounts)

`K_CSKB` (CO-CCA: Cost Element Master)

`F_SKA1_AEN` (G/L Account: Change Authorization for Certain Fields)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_FI_GL_ACCOUNT_MASTER`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate G/L Account	All instances of this migration object are relevant to the transfer option.	Create G/L Account	Creates the G/L account in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Chart Of Account • G/L Account Number	Manage G/L Account Master Data (app ID F0731)	`GL_ACCT_MASTER_SAVE`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FS00
Display	FS00

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.196 FI - G/L account balance (classic G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L account balance data (for the current fiscal year) from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **G/L Account Balance**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Account* > *Display Balances (New)* Component: FI
Business Object Type	Transactional data
Business Object Definition	The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balances: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater)
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object automatically selects the following data for the company codes you specified when defining the migration scope:

All G/L account balances from the `GLT0` table belonging to non-open item managed accounts and profit & loss accounts.

Additional selection criteria:

The following fields in the G/L account are set to space:

- *Open-Item Managed*(`XOPVW`)
- *Account is Reconciliation Account*(`MITKZ`)
- *Clearing Specific to Ledger Groups*(`XLGCLR`)

In Scope

The following data is set for migration to SAP S/4HANA:

- G/L account balances belonging to the general ledger **00** and additional currency ledgers assigned to the specified company codes
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- External number ranges
- Balances where document splitting is active in the target system

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys assigned to currency types belonging to different organizational units match in the source and target systems
- You have created and activated the `ACC_DOCUMENT` BAdI implementation in the target system. Please see SAP Note **2717381** for information about BAdI implementations.

You have migrated or defined settings in the following migration objects:

- FI - G/L account
- CO - Secondary cost element

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_GL_ACC_BALANCE_CLA_GL`

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance data

Note that the virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Account Balance (Classic G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Account Balance	Posts the G/L account balance in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	FS10N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.197 FI - G/L account balance (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L account balance data (for the current fiscal year) from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **G/L Account Balance**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Account* > *Display Balances (New)* Component: FI
Business Object Type	Transactional data

Business Object Definition	The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balances: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater)
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object automatically selects the following data for the company codes you specified when defining the migration scope:

All G/L account balances from the `FAGLFLEXT` table belonging to non-open item managed accounts and profit & loss accounts

Additional selection criteria

The following fields in the G/L account are set to space:

- *Open-Item Managed* (`XOPVW`)
- *Account is Reconciliation Account* (`MITKZ`)
- *Clearing Specific to Ledger Groups* (`XLGCLR`)

In Scope

The following data is set for migration to SAP S/4HANA:

- G/L Account balances belonging to leading and non-leading ledgers that are assigned to the participating company codes.
- As-is values of any additional local currencies that are customized in the source system **only** if the same currencies are defined in the target system for company codes.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, and not in the source system, the system calculates the values of the local currencies in the target system.

Out of Scope

External number ranges

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- The leading and non-leading ledgers assigned to the specified company codes match in both the source and target systems.
- You have created and activated the `ACC_DOCUMENT` BAdI implementation in the target system. Please see SAP Note **2717381** for information about BAdI implementations.
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys assigned to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- FI - G/L account
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_GL_ACC_BAL_NEW_GL`

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Account Balance (New G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Account Balance	Posts the G/L account balance in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view for the object. However, this code also has some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	FAGLB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.198 FI - G/L open item (classic G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L open item data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	G/L open item records contain the open items posted to an open item managed account. Accounts that are managed on an open item basis include: • Bank clearing account • Payroll clearing account • Cash discount clearing account • GR/IR clearing account
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All G/L open items from the `BSIS` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes
- Line items of open item managed accounts

Note that the information given here is not exhaustive.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Open items where document splitting is active in the target system

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- The tax category is removed from all the open item managed accounts
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element

- Exchange rate
- Fixed asset (including balance)
- FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

Not Relevant

Technical Information

Name of this migration object: `S4_AFS_FI_GL_OI_CLASSIC_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Open Item (Classic G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Open Item	Posts G/L open items in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the open item managed account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.199 FI - G/L open item (new G/L)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L open item data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	G/L open item records contain the open items posted to an open item managed account. Accounts that are managed on an open item basis include: • Bank clearing account • Payroll clearing account • Cash discount clearing account • GR/IR clearing account
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All G/L open items from the `BSIS` table are automatically selected for the company codes that you specified when defining the migration scope

In Scope

The following data is set for migration to SAP S/4HANA:

- General ledger views from the `FAGLFLEXA` table
- Line items of open item managed accounts
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

Note that the information give here is not exhaustive.

> **i Note**
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax lines
- Clearings specific to ledger groups
- Postings in non-leading ledgers (`BKPF-BSTAT` = "**L**") only

Note that the information give here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- The tax category is removed from all the open item managed accounts
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems
- Document splitting settings must be the same in source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- Fixed asset (including balance)
- FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

Not Relevant

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_FI_GL_OI_NEW_GL`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Open Item (New G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Open Item	Posts G/L open items in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the open item managed account.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.200 FI - House bank

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the house bank data from the source AFS system to the target S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **House Bank**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Banks* > *Master Data* > *House Bank and House Bank Accounts* Component: FI
Business Object Type	Master data

Business Object Definition	A business partner that represents a bank through which you can process your internal transactions.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All house banks from the `T012` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Transfer structure object **T012: House Bank**
- Foreign payment transactions
- Data medium exchange (DME) parameters

Out of Scope

- Bank record structures
- Simulation

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **Bank** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`F_BNKA_BUK` (Banks: Authorization for Company Codes)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_HOUSE_BANK`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate House Bank	All instances of this migration object are relevant to the transfer option.	Create House Bank	Creates the house bank in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • House Bank	Not relevant	`BAPI_HOUSE_BANK_REPLICATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FI12_HBANK
Display	FI13_HBANK

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.201 FI - Ledger group specific open item

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate open item data specific to ledger groups from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data

Business Object Definition	You can use the function for all items that, due to parallel accounting, are posted to multiple ledgers and valuated differently in those ledgers, in particular for provisions (such as provisions for commission or process risks, or provisions for creating and checking year-end closing).
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All ledger group-specific postings from the `FAGLBSIS` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Ledger group-specific postings
- General ledger views
- Header data
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

Tax lines

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available

- The tax category is removed from all the open item managed accounts
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.
- Document splitting settings must be the same in source and target systems

> **i Note**
>
> Before migration, create and activate the `ACC_DOCUMENT` BAdI implementation in the target system. For more information, see SAP Note 2717381.

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- Fixed asset (including balance)
- FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_GL_OI_LEDG_SPEC_NEW_GL`

Virtual Tables

- `LEDGER`: To retrieve the entry views of the document.
- `FAGL_REP_LED`: To retrieve the data of the representative ledger.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Ledger Group-Specific Open Item	All instances of this migration object are relevant to the transfer option.	Post Ledger Group Specific Open Item	Posts ledger group-specific open items in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Assign the tax category in the master data for the open item managed account.

Deactivate the BAdI implementation after migration and before posting any new documents in the target system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.202 Object classification (general template)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate object classification data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Classification**

Business Object Component/Area	User Menu Path: *Cross Application Components* > *Classification System* > *Assignment* > *Assign Object to Classes* Component: CA
Business Object Type	Master data
Business Object Definition	The assignment of objects to a class. When you assign objects to a class, you assign values for the object to the characteristics in the class.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

This migration object automatically selects object classifications from the `KSSK` table if the following condition is met:

The value of the *Indicator:Object/Class* (`MAFID`) field is **"O"** (letter).

In Scope

The following data is set for migration to SAP S/4HANA:

- Material class type (001)
- Equipment class type (002)
- Vendor class type (010)
- Customer class type (011)
- Document management class type (017/201)
- Work center class type (019)
- Variant class type (300)

Out of Scope

- Change numbers
- Class types for batch classification: 022 and 023

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Dimensional characteristics
- AFS - Non-dimensional characteristics
- Batch unique at plant level
- Class
- Customer
- Document info record (DMS)
- PM - Equipment
- PP - Work center
- Supplier

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`C_KLAH_BKP` (Authorization for Class Maintenance)

`C_TCLA_BKA` (Authorization for Class Types)

`C_TCLS_BER` (Authorization for Org. Areas in Classification System)

`C_KLAH_BKL` (Authorization for Classification)

`C_TCLS_MNT` (Authorization for Characteristics of Org. Area)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_KLAH_BKP` (Authorization for Class Maintenance)

`C_TCLA_BKA` (Authorization for Class Types)

`C_TCLS_BER` (Authorization for Org. Areas in Classification System)

`C_KLAH_BKL` (Authorization for Classification)

`C_TCLS_MNT` (Authorization for Characteristics of Org. Area)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_CA_CLASSIFICATION_ASSIGN`

Virtual Tables

- `CLASSES`: To store the list of classes assigned to object classifications
- `ALLOCVALUESNUM`: To store numeric characteristic values
- `ALLOCVALUESCHAR`: To store character characteristic values
- `ALLOCVALUESCURR1`: To store currency characteristic values

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Object Classification (general template)	All instances of this migration object are relevant to the transfer option.	Create Object Classification	Creates the object classification in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`BAPI_OBJCL_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	CL20N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.203 MM - Material inventory balance

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material inventory balances with season data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Inventory**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Inventory Management* > *Goods Movement* Component: MM-IM
Business Object Type	Transaction data
Business Object Definition	A detailed list of all objects in stock at a specific time, resulting from a physical inventory (stocktaking process).
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all materials from the `MARC` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Material document header data
- Material document Items
- Stock types:
  - Unrestricted use stock (" ")
  - Stock in quality inspection ("X")
  - Blocked stock ("S")
- Special stock indicators:
  - Parts provided to vendor ("O")
  - Customer consignment stock ("W")
  - Returnable transport packing stock to customer ("V")
  - Sales order stock ("E")
  - Project stock ("Q")
  - Vendor consignment stock ("K")
  - Returnable transport packing stock to vendor ("M")

> ℹ Note
>
> - **Material valuation**: If materials have a standard price control indicator or a moving average price control indicator, the system migrates stock values from the following tables:
>   - Table `MBEW` - for material valuation
>   - Table `QBEW` - for project stock
>   - Table `OBEW` - for sales order stock
> - **Transaction or Event for Migration**
>   - GM_CODE = '05' (Other Goods Receipts)
>   - Movement type = '561' (Initial Entry of Stock Balances)

Out of Scope

- Extensions in
- Special stock indicators other than specified in the in-scope section
- Industry solution-specific fields
- Serial numbers
- Transactions/events:
  - GM_Code 01: Goods receipt for purchase order.
  - GM_Code 02: Goods receipt for production order
  - GM_Code 03: Goods issue
  - GM_Code 04: Transfer posting
  - GM_Code 06: Reversal of goods movements
  - GM_Code 07: Subsequent adjustment with regard to a subcontract order
- Material document EWM references

- Service parts for SPM
- Item data for Catch Weight Management
- Print control for material documents
- Stocks in transit

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- Batch unique at plant level
- FI - G/L account
- SD - Sales order

Depending on your scenario, you have also migrated or defined settings in the following migration objects:

- **Supplier**: Migrate the **Supplier** migration object if the special stocks are:
  - Vendor consignment (“K”)
  - Returnable transport packing stock to vendor ("M”)
  - Parts provided to the vendor (“O”)
- **Customer**: Migrate the **Customer** migration object if the special stocks are:
  - Customer consignment stock(“W”)
  - Returnable transport packing stock to customer ("V”)
- **MM - Purchasing info record**: Migrate the **MM - Purchasing info record** migration object for the Consignment info category if the special stock is vendor consignment stock (“K”).
- **SD - Sales order**: Migrate the **SD - Sales order** migration object if the special stock is sales order stock(“E”).

> **i** Note
>
> If the special stock is project stock (“Q”), you need to manually create the Project object in your target SAP S/4HANA system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MSEG_BWA` (Goods Movements: Movement Type)

`M_MSEG_WWA` (Goods Movements: Plant)

`M_MSEG_LGO` (Goods Movements: Storage Location)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_MM_STOCK`

Virtual Tables

`STKTAB`: To store the inventory data for a material

Note that virtual tables do not exist in the database

System Actions

Batch-managed materials: If the target batch is set as blank in the batch mapping task, the system automatically creates batches during migration. However, the new batch does not have other batch-relevant information such as classification or segmentation.

Posting date mapping tasks: The system picks up the posting date from the **Posting Date (YYYYMMDD)** mapping task for all inventory postings.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Material Inventory Balance	All instances of this migration object are relevant to the transfer option.	Create Material Inventory Balance	Creates material inventory balances in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Document • Material Document Year	Material Document (app ID F1807)	`FSH_API_GOODSMVT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Stock overview	MMBE
List of Stock Values: Balances	MB5L
Material Document List	MB51

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.204 MM - Purchase contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchase contract data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPI).

Related Business Object: **Purchase Contract**

Business Object Component/Area	Component: MM-PUR (Outline Agreements)
Business Object Type	Transactional data
Business Object Definition	A form of longer-term purchase agreement against which materials or services are released (ordered, or called off), according to need, over a certain predefined period.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope.

This migration object automatically selects all purchase contract data from the `EKPO` table for the derived plants.

> **i** Note
>
> The relevant purchasing document category (BSTYP) for this migration object is 'K' (Purchasing Contract).

In Scope

The following data is set for migration to SAP S/4HANA:

- Purchasing document header data
- Purchasing document Item data
- Item condition validity data
- Item conditions
- Account assignment in purchasing document data
- Conditions header data
- Conditions item data
- Partner roles in purchasing data
- Item texts
- Header texts

- Plant addresses (default delivery address)
- Vendor address data
- Delivery address data

> **i Note**
>
> Purchasing contracts you set for deletion in the source AFS system are not migrated.
>
> Any references to multi-level contracts are removed from the target SAP S/4HANA system.

Out of Scope

- Multi-level contracts
- AFSK-type contracts
- Account profit segment data
- VAS items
- Extensions in
- Technical data
- Item condition scale value data
- Conditions (1-dimensional value scale) data
- Conditions (1-dimensional quantity scale) data
- Contracts with one or more contract release orders

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- CO - Business process
- CO - Cost center
- CO - Secondary cost element
- FI - G/L account
- Fixed asset (including balance)
- Pricing condition (purchasing and sales)
- Supplier

> **i Note**
>
> If the purchase contract contains project, network or WBS element data, you need to manually define the corresponding objects in the target SAP S4HANA system:

- Project
- Network
- WBS element

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_RAHM_BSA` (Document Type in Outline Agreement)

`M_RAHM_EKO` (Purchasing Organization in Outline Agreement)

`M_RAHM_EKG` (Purchasing Group in Outline Agreement)

`M_RAHM_WRK` (Plant in Outline Agreement)

`V_KOND_VEA` (Maintain Condition: Auth. for Use/Appl./Cond.Type/Table)

`V_KONH_VKS` (Condition: Authorization for Condition Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_MM_PURCHASING_CONTRACT`

Virtual Tables

- `AS_EKPO`: To handle purchasing contract items
- `AS_EKKN`: To handle account assignment data
- `AS_EKPA`: To handle partner roles in Purchasing
- `AS_KONH`: To handle header conditions
- `AS_KONP`: To handle item conditions
- `AS_KONM`: To handle 1-dimensional quantity scale conditions
- `AS_KONW`: To handle 1-dimensional value scale conditions
- `APP_HDR_TEXT`: To handle header texts
- `APP_ITM_TEXT`: To handle item texts

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Purchase Contract	All instances of this migration object are relevant to the transfer option.	Create Purchase Contract	Creates the purchase contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Document Number	Manage Purchase Contracts (app ID F1600)	`BAPI_CONTRACT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME32K
Display	ME33K

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.205 MM - Purchase order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchase order data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Purchase Order**

Business Object Component/Area	User Menu Path: *Logistics* > *Material management* > *Purchasing* > *Purchase order* Component: MM-PUR
Business Object Type	Transactional data
Business Object Definition	A request or instruction from a purchasing organization to a vendor (external supplier) or a plant to deliver a quantity of material or to perform services at a certain point in time.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects relevant purchase orders from the `EKKO` table for the specified

company codes and relevant purchase order items from the EKPO table for the derived plants. Relevant purchase orders and purchase order items are those that meet the following conditions:

- The value in the *Purchasing Document Category* (BSTYP) field is "F" (order) AND
- The *Purchase Order Not Yet Complete* (MEMORY) field is not set for the purchasing document header AND
- The *Delivery Completed Indicator* (ELIKZ) field is not set for the purchasing document item.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Header address data
- Header texts
- Item data
  Only the following item categories:
  - Standard
  - Third-party
  - Enhanced limits
  - Consignment
  - Subcontracting
  - Service and limits
- Item address data
- Item account assignments
  Only the following account assignment categories:
  - Cost center
  - Asset
  - Project
  - Unknown
- Item schedule lines
- Purchase order item components for subcontracting
- Item texts
- Pricing data
- Manual service conditions
- Stock transport orders
- Export data
- Shipment data
- Partially processed orders

Note that the information given here is not exhaustive.

> **i Note**
>
> Purchase orders you set for deletion or cancellation in the source AFS system are not migrated.

Out of Scope

- Held (not yet complete) purchase orders
- Item data set for deletion
- Blocked item data
- Changes in message records (in the `NAST` table) and additional message data
- Documents attached to the purchase order
- Purchase orders for sales orders and non stock sales
- User-defined fields
- Release strategy data
- Planning data
- Open items for goods receipt or the invoice receipt clearing account

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Purchase grid condition record
- Batch unique at plant level
- CO - Cost center
- CO - Profit center
- FI - G/L account
- Fixed asset (including balance)
- MM - Purchase contract
- MM - Purchase scheduling agreement
- MM - Purchasing info record
- Pricing condition (purchasing and sales)
- Supplier

If your purchase order contains network and service master data, you need to manually create the following business objects in your target SAP S/4HANA system:

- Network
- Service Master

Checks for Partially Processed Orders in the Source AFS System

Before you migrate partially processed orders, execute the `CNV_PE_PARTIAL_DELV_POORDS_ANA` report in your source AFS system for the company codes you specified when defining the migration scope.

> **i Note**
>
> The current scope of the report is the price impact created by the **quantity scales** only.

The report provides detailed information about partially processed orders such as deviation in quantity, net price, and unit price at the condition type level.

This report displays partially processed orders and categorizes them into **Consistent** or **Inconsistent** orders. Consistent orders are those which do not have an impact on pricing since the pricing remains the same across all quantities. Orders that are impacted by pricing are termed as inconsistent orders.

The report provides a **simulated price** for partially processed orders that are in the inconsistent category. The simulated price belongs to the remaining open quantities based on source pricing determination and quantities scales setting.

The simulation enables you to make a decision about manually adjusting pricing in the target system for the inconsistent orders. Some of the manual adjustments can be:

- Create new migration-specific condition types and condition records with pricing adjustments.
- Create new condition records for each scale range with adjusted prices.

Based on your business requirement and the results of the report, you can also adopt any other approach to manually adjust pricing.

How to Display the Simulated Pricing after Executing the Report

- After executing the report, check the *Status* column.
- If the status is green, there is no pricing inconsistency and you can migrate the order without making any adjustments in the target system.
- If the status is red and if the order is migrated without any manual adjustments, there could be a price inconsistency.
- Click the red status in the *Status* column to get the simulated prices. The simulated prices are updated in the *New Net Price* and *Difference Amount* columns.

> **i Note**
>
> Double-click any column in the report to get the conditions and scales data if present.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_BEST_BSA` (Document type in PO)

`M_BEST_EKG` (Purchasing group in PO)

`M_BEST_EKO` (Purchasing organization in PO)

`M_BEST_WRK` (Plant in PO)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_PO1`

Virtual Tables

- `APP_ADDR_HDR` : To store addresses at the header level
- `APP_POEXPIMPHEADER` : To store export or import data of a foreign trade at the header level
- `APP_POCONDHEADER` : To store condition records at the header level
- `APP_POCONTRACTLIMITS` : To store contract limits of purchase orders
- `APP_POTEXTHEADER` : To store texts at the header level
- `APP_POPARTNER` : To store partner roles and partner functions
- `APP_POLIMITS` : To store the limits of service purchase orders
- `APP_POSERVICES` : To store service lines
- `APP_POSRVACS` : To store service access values for the assigned service lines at the purchase order item level
- `APP_ADDR_ITM` : To store addresses at the item level
- `APP_POITEM` : To store the line items of a purchase order document
- `APP_POSCHEDULE` : To store schedule lines
- `APP_POCOND` : To store conditions records at the item level
- `APP_POTEXTITEM` : To store texts at the item level
- `APP_FSH_ITEM` : To store fashion-relevant fields at the item level
- `APP_POEXPIMPITEM` - To store the export or import data for a foreign trade at the item level
- `APP_POCOMPONENTS` : To store the components of a purchase document
- `APP_POSHIPPINGEXP` : To store export shipping data
- `APP_POACCOUNT` : To store account assignment fields at the item level
- `APP_POSHIPPING` : To store shipping data only for stock transport orders

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Purchase Order	All instances of this migration object are relevant to the transfer option.	Create Purchase Order	Creates the purchase order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Document Number	Display Purchase Order (app ID ME23N)	`FSH_API_PURCHASINGORDER_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME22N
Display	ME23N

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.206 MM - Purchasing info record

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchasing info record data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Purchasing Info Record**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Purchasing* > *Master Data* > *Info Record* Component: MM-PUR
Business Object Type	Master data
Business Object Definition	A source of information for the procurement of a certain material from a certain vendor.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the info records (except pipeline records) from the `EINA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Info records type
  - Standard
  - Consignment
  - Subcontracting
- General data
- Purchase organization data
- Conditions

- Texts

Note that the information given here is not exhaustive.

> **i Note**
>
> Condition records with expired valid-to dates in the source AFS system are not migrated.

Out of Scope

- Pipeline info record type
- Any document references such as quotations, purchase requisitions, purchase orders and the last purchase order number
- Conditions with expired validity periods
- Industry-specific fields
- Info records set for deletion
- Segment-level long texts.

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- Supplier
- Pricing condition (purchasing and sales)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

`M_EINF_EKO` (Purchasing Organization in Purchasing Info Record)

`M_EINF_EKG` (Purchasing Group in Purchasing Info Record)

`M_EINF_WRK` (Plant in Purchasing Info Record)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_PURCH_INFO_RECORD`

Virtual Tables

- `EINA_SPLIT`: To store AFS material data related to grids present in purchasing info records
- `EINE_SPLIT`: To store PIR records split according to material grids
- `COND_VALIDITY`: To store PIR condition validities
- `CONDITION`: To store PIR conditions
- `COND_SCALE_VALUE`: To store value scales for PIR conditions
- `COND_SCALE_QUAN`: To store quantity scales for PIR condition
- `PIR_TEXT`: To store long texts of info records
-

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Purchasing Info Record	All instances of this migration object are relevant to the transfer option.	Create Purchasing Info Record	Creates a purchasing info record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Info Record Number • Purchase Organization • Plant	Display Purchasing Info Record (app ID ME13)	`ME_INFORECORD_MAINTAIN_MULTI`

Update Purchasing Info Record	Updates the purchasing info record in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Info Record Number	Display Purchasing Info Record (app ID ME13)	`ME_DB_UPDATE_INFORECORDS`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME12
Display	ME13

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.207 MM - Purchase scheduling agreement

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate purchase scheduling agreement data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Purchase Scheduling Agreement**

Business Object Component/Area	User Menu Path: *Logistics* > *Materials Management* > *Purchasing* > *Outline Agreement* > *Scheduling Agreement* Component: MM-PUR (Outline Agreements)
Business Object Type	Transactional data
Business Object Definition	An outline agreement against which materials are procured at a series of predefined points in time over a certain period.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the purchasing organization from the company codes you specified when defining the migration scope.

This migration object automatically selects all purchase scheduling agreements from the `EKKO` table for the derived purchasing organizations and for the central purchasing organizations.

> **i Note**
>
> The value in the *Purchasing Document Category* (`BSTYP`) field is "L" (Purchase Scheduling Agreement).

In Scope

The following data is set for migration to SAP S/4HANA:

- Standard purchasing scenarios
- Consignment scenarios
- Subcontracting scenarios
- Third-party scenarios
- Scheduling agreements with time-dependent conditions (`EKKO-STAKO` = "X")
- Scheduling agreement header data
- Scheduling agreement items data
- Header and item long texts
- Account assignment data
- Delivery schedule lines
- Shipping data for stock transport orders
- Header conditions data
- Item conditions data
- Validity period of header conditions
- Validity period of item conditions
- Value scale and quantity scale of header conditions
- Value scale and quantity scale of item conditions
- Foreign trade data
- Partner data
- Delivery addresses

> **i Note**
>
> Purchase scheduling agreements you set for deletion in the source AFS system are not migrated

Out of Scope

- Account profitability segment calculation data
- Shipping export data
- Stock transport scheduling agreements
- Release strategy
- User-defined fields

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- Batch unique at plant level
- CO - Cost center
- Fixed asset (including balance)
- FI - G/L account
- MM - Purchasing info record
- Supplier

> **i** Note
>
> In Customizing for source list requirements at the plant level, see: *Materials Management* > *Purchasing* > *Source List* > *Define Source List Requirement at Plant Level*.
>
> If the source list is enabled for plants derived from company codes specified when defining the migration scope, it is recommended to include the **MM - Source list** migration object in the migration project containing the **MM - Purchase scheduling agreement** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization objects to the user:

- `M_RAHM_BSA` (Create/Update/Display outline agreements using the document type)
- `M_RAHM_EKO` (Create/Update/Display outline agreements using the purchasing organization)
- `M_RAHM_EKG` (Create/Update/Display outline agreements using the purchasing group)
- `M_RAHM_WRK` (Create/Update/Display outline agreements using the plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_MM_SCHEDULING_AGREEMENT`

Virtual Tables

- `AS_ITM_TXT`: To store item long texts
- `AS_ITEMS`: To store items
- `AS_EKET`: To store schedule lines information
- `AS_HDR_TXT`: To store header long texts

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Scheduling Agreement (Source List Enabled)	If the migration object instance has the source list requirement enabled at the plant level.	Create Scheduling Agreement	Creates the scheduling agreement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Document Number	Not relevant	`BAPI_SAG_CREATE`
		Update Scheduling Agreement	Updates the scheduling agreement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Document Number	Not relevant	`BAPI_SCHEDULE_MAINTAIN`
Migrate Scheduling Agreement (Source List Disabled)	If the migration object instance has the source list requirement disabled at the plant level.	Create Scheduling Agreement	Creates the scheduling agreement in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Purchasing Document Number	Not relevant	`BAPI_SAG_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME32L
Display	ME33L

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.208 MM - Source list

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate source list data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Source List**

Business Object Component/Area	Component: MM-PUR (Source List)
Business Object Type	Master data
Business Object Definition	A list of available sources of supply for a material, indicating the periods during which procurement from such sources is possible. The source list lets you determine the source that is valid (effective) at a certain time.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants and materials from the company codes you specified when defining the migration scope. This migration object automatically selects the materials from the `MARC` table for the derived plants.

> **i Note**
>
> If the new source list you provided in the mapping already exists in the target system, after migration, the target system data is overwritten with the source list data from the source system.

In Scope

The following data is set for migration to SAP S/4HANA:

- Material number
- Plant
- Source list usage in materials planning
- Agreement number(Purchase schedule agreement)
- Agreement item(Purchase schedule agreement item)
- Purchasing organization
- *Valid To* field in the source list record
- *Fixed Supplier* indicator
- Blocked source of supply
- *Valid From* field in the source list record

Out of Scope

- Logical system
- *Product* fields relevant for Purchasing

- Agreement number(Purchase contract)
- Agreement item(Purchase contract item)

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- MM - Purchase scheduling agreement
- MM - Purchasing contract
- Supplier

> **i** Note
>
> In Customizing for source list requirements at the plant level, see: *Materials Management* > *Purchasing* > *Source List* > *Define Source List Requirement at Plant Level*.
>
> If the source list is enabled for plants derived from company codes specified when defining the migration scope, it is recommended to include the **MM - Purchase scheduling agreement** migration object in the migration project containing the **MM - Source list** migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`M_ORDR_EKO` (Purchasing Organization in Source List)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_MM_SOURCE_LIST`

Virtual Tables

`AS_EORD`: To store AFS materials as variants, as target system expected

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Source List	All instances of this migration object are relevant to the transfer option.	Update Source List	Updates the source list in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Plant • Number of Source List Record	Manage Source Lists (app ID F1859)	`ME_DIRECT_INPUT_SOURCE_LIST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	ME02
Display	ME03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.209 PM - Equipment

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate equipment data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Equipment**

Business Object Component/Area	User Menu Path: *Logistics* > *Plant Maintenance* > *Management of Technical Objects* > *Equipment* Component: PM
Business Object Type	Master data
Business Object Definition	An individual, physical object that is maintained as an autonomous unit.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the equipment from the `ILOA` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data for technical objects
- Equipment-specific data
- Vehicle-specific data
- Valid-from date for equipment
- Object links for document info records
- Installation date for equipment

> **i Note**
>
> - You can migrate only the latest time segment data (valid-from date for equipment) to the target system.
> - You can set only one language for the migration of equipment data.
> - Equipment data with the `DLFL` system status is migrated with the `AVLB`system status.

Out of Scope

- Linear assets management data
- Extensions in
- Industrial solution-specific fields
- User defined-status
- Equipment long texts
- Classification
- Equipment address
- Partners
- Measuring points/counters
- Change documents
- Historical equipment data

> **i Note**
>
> You can simulate only this feature:
>
> Create equipment
>
> The following feature is out of scope for simulation:
>
> Document info record assignment
>
> During the migration phase, errors may occur for features that were not in scope during simulation even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Internal order
- Document info record (DMS)
- Fixed asset (including balance)
- PP - Work center

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object to the user:

`I_BETRVORG` (PM: Business Operation)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_PM_EQUIPMENT`

Virtual Tables

- `ILOA_WC`: To store internal work center numbers
- `ILOA_WBS`: To store internal WBS elements
- `ILOA_FLOC`: To store internal functional location names
- `EQUZ_WC`: To store internal main work center numbers

Note that the virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Equipment	All instances of this migration object are relevant to the transfer option.	Create Equipment	Creates equipment in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Equipment Number	Display Equipment (app ID IE03)	`BAPI_EQUI_CREATE`
Migrate Direct Object Link	All instances of this migration object are relevant to the transfer option.	Create Direct Object Link	Creates direct object links in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_AFS_DIR_OBJ_LINKS`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_DIR_OBJ_LINKS`

APIs/BAPIs

`BAPI_DOCUMENT_CHANGE2`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

System Actions

In the **Equipment Number** mapping task, if the target equipment number is set as blank, the system creates equipment using internal numbers defined for that equipment category.

Superordinate equipment: If superordinate equipment is assigned to an equipment, you need to migrate the superordinate equipment before migrating the equipment. If you don't follow this migration sequence , the system displays the **Equipment could not be read** error.

Post-Processing

Follow-On Activities

You can migrate the **Object classification (general template)** object to assign classifications to equipment.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	IE02
Display	IE03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.210 PP - Material BOM

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material BOM data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Material BOM**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master Data* > *Bills of Material* > *Bill of Material* > *Material BOM* > *Create* Component: PP-BD
Business Object Type	Master data
Business Object Definition	A bill of material created with reference to a material master. The BOM can contain items of different item categories such as stock items, non-stock items, document items, and text items.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope.

This migration object automatically selects material BOMs from the `MAST` table for the derived plants

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- BOM items
- BOM sub-items
- BOM long texts
- Alternative long texts
- Item long texts
- BOM local dependency
- All alternative BOM numbers (from 01 to 99)
- Change numbers
- Deviation quantity for the Fashion BOM variant
- BOM segmentation

> **i Note**
>
> Material BOMs you set for deletion in the source AFS system are not migrated

Out of Scope

- Deletion of BOM headers, items and dependencies
- Configurable material BOM

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Non-dimensional characteristic
- Class
- ECM - Change master
- AFS - Quantity distribution profile
- Document info record (DMS)
- VC - Object dependency and dependency net
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_TCLA_BKA` (Access to Classes Using the Class Type)

`C_STUE_NOH` (Create/Update/Display of BOM which has a History Requirement without using a Change Number)

`C_STUE_BER` (Create/Update/Display of Bills of Material)

`C_STUE_WRK` (Create/Update/Display the Allocation of a BOM to a Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_PP_MATERIAL_BOM`

Virtual Tables

- CSDEP_DAT: To handle the basic data of a dependency
- CSDEP_DESC: To handle object dependency descriptions
- CSDEP_ORD: To handle sort sequences of object dependencies
- CSDEP_SORC: To handle the source code of object dependencies
- CSDEP_DOC: To handle object dependency documentation
- CSDOC_LINK: To handle document assignments
- CSDMU_TMX: To handle DMU transformation matrixes
- CSLTX_LINE: To handle long texts
- FSH_BOMD: To handle deviation quantities for the Fashion BOM variant
- SGT_BOMC: To handle BOM segmentation

Note that virtual tables do not exist in the database.

Error during the migration of BOM records

If the migration of a BOM record ends in error, the following error message is displayed: **BOM <Material number>/<Plant>/<Usage> is locked by <Username>.**

- Reasons for the error
  The BAPI allows the posting of BOMs for generic articles that have a single related variant or multiple related variants. However, when the number of variants is very large, the BAPI ends in error.
- Possible scenarios resulting from the error
  - The BOM record is partially migrated or
  - The BOM record is not migrated at all
- Scenario: Data partially migrated
  If the data is partially migrated, you can process it again.
  1. Go to transaction code CS02 in the target SAP S/4HANA system.
  2. Manually delete the partially processed data.
  3. Migrate the data again.
- Scenario: Data not migrated
  If the data is not migrated at all, you cannot migrate the same record again. Contact SAP for a solution.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Material BOM	All instances of this migration object are relevant to the transfer option.	Create Material BOM	Creates the material BOM in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Alternative BOM • BOM Usage • BOM Category • Plant	Display Material BOM (app ID F1813)	`CNV_PE_S4_AFS_PP_MAT_BOM`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_PP_MAT_BOM`

APIs/BAPIs

- `CSAI_BOM_MAINTAIN`
- `CSAP_MAT_BOM_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CS02
Display	CS03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.211 PP - Routing

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate routing data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Routing Group**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master Data* > *Routings* > *Routings* > *Standard Routings* Component: PP-BD-RTG
Business Object Type	Master data
Business Object Definition	A description of the production process used to manufacture plant materials or provide services in the manufacturing industry.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all routing groups from the `PLKO` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Routing data with task list type "N"
- Routing groups assigned to variants
- Modified records using engineering change number (ECN)
- Task list header data
- Material task list assignments
- Sequences
- Operations
- Suboperations
- Component assignments
- Production resources/tools
- Long texts

> **i Note**
>
> Routing groups data you set for deletion in the source AFS system is not migrated

> **i Note**
>
> If you selected production resource/tools data, ensure that the following migration objects are available in the S/4 HANA system:
>
> - PM - Equipment
> - Document info record (DMS)

Out of Scope

- Object dependencies
- Routing group data created with ECN
- Other task list types: "0", "2", "3", "A", "E","M", "Q", "R", "S", "T", "V"

> **i Note**
>
> If you have multiple migrations steps, you can simulate the initial routing group data created without ECN.
>
> During the migration phase, errors may occur for features that were not in scope during simulation, even though simulation was successful.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

- If you need standard text keys in routing data, you have configured the keys in the SAP S/4 HANA system.
- Before migrating routing data, you have set the `ROUTING_N` number range object to external number range in the target system. After migration, you can choose to set the number range object back to internal number range.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- CO - Cost rate
- Document info record (DMS)
- ECM - Change master
- PM - Equipment
- PP - Material BOM
- PP - Work center

> **i Note**
>
> If you selected production resource/tools data, ensure that the following migration objects are available in the S/4 HANA system:
>
> - PM - Equipment
> - Document info record (DMS)

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_ROUT` (Authorizations for Routings)

Select all values for the `ACTVT` field except 41.

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_PP_ROUTING_ECN`

Virtual Tables

- COM: To handle component allocations
- SUBOPR: To handle suboperations
- MAPL_TAB: To handle assignments of routing groups to variants
- SEQTAB: To handle activities of sequences
- TEXT_HDR: To handle header long texts
- TEXT_ITEM: To handle item long texts
- PRT_TAB: To handle PRT items and activities
- CSLA_TAB: To handle the controlling area of operations activity types
- PLKO_TAB: To handle header ECN records

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Routing	All instances of this migration object are relevant to the transfer option.	Create Routing	Creates the routing in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Key for Task List Group • Group Counter	Display Routing (app ID CA03)	CNV_PE_S4_AFS_PP_ROUTING
		Update Routing ECN Data	Updates ECN values to the routing in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	CNV_PE_S4_AFS_PP_ROUTING_ECN

APIs/BAPIs Used in Migration-Specific Function Modules

Migration-specific function modules are used in this migration object. These function modules use standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_PP_ROUTING`

APIs/BAPIs

`BAPI_ROUTING_CREATE`

Function Module: `CNV_PE_S4_AFS_PP_ROUTING_ECN`

APIs/BAPIs

`ROUTING_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CA02
Display	CA03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.212 PP - Planned independent requirement

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate planned independent requirement data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Planned Independent Requirement**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Production Planning* > *Demand Management* > *Planned Independent Requirements* Component: PP-MRP
Business Object Type	Transactional data
Business Object Definition	The required quantity of a product that is planned for a certain time period independently of a specific customer order.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all planned independent requirements from the `PBIM` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Items belonging to all non-"Apparel" categories under Material Type
- Items belonging to the "Raw materials" category under Material Type
- Schedule lines belonging to all non-"Apparel" categories under Material Type
- Schedule lines belonging to the "Raw materials" category under Material Type

> **i** Note
>
> Independent requirements you set for deletion in the source AFS system are not migrated.

Out of Scope

- Configuration supporting points for schedule lines
- Withdrawal quantity of schedule lines (see SAP Note 793258)
- Item texts
- Schedule line texts

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the **AFS - Article** migration object

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_PPBD` (Authorizations for Planned Independent Requirements)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_PLANNED_IND_REQMT_CORE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Planned Independent Requirement	All instances of this migration object are relevant to the transfer option.	Create Core Planned Independent Requirement	Creates core planned independent requirements in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material • Plant • Requirement Type • Version	Maintain PIRs (app ID F3445)	`BAPI_REQUIREMENTS_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MD62
Display	MD63

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.213 PP - Production version

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate production version data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Production Version**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master Data* > *Production Versions* Component: PP
Business Object Type	Master data
Business Object Definition	Key determining the various production techniques according to which a material is to be manufactured. You specify the following in the production version: • The BOM alternative for BOM Explosion • The task list type, the task list group, and the group counter for assignment to routing • Lot-size restrictions for repetitive manufacturing
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the production versions from the `MKAL` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data for production versions (key, lot-size range, validity period)
- Detailed planning levels
- Check statuses

> **i Note**
>
> If the detailed level data is not present in the source system, this migration object automatically maps rate-based planning details to the detailed level for REM materials.
>
> For information about migrating rate and rough-cut planning data, see SAP Note 2270240.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- PP - Material BOM
- PP - Routing

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_FVER_WRK` (PP-PI: Production Version - Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_PP_PRODUCTION_VERSION`

Virtual Tables

`MKAL_VAR`: To store the production versions of materials with grid values.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Production Version	All instances of this migration object are relevant to the transfer option.	Create Production Version	Creates a production version in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Plant • Production Version	Display Manage Product Master (app ID F1602)	`FV_PROD_VERS_MAINTAIN_MULTI`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.

3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Production Version Mass Processing	C223
Display Material	MM03 In the MM03 transaction, navigate to the MRP4 tab and the choose *Prod Versions* button.

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.214 PP - Production order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate production order data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Production Order**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Shop Floor Control* > *Order* > *Create* > *with Material* Component: PP
Business Object Type	Transactional data
Business Object Definition	An authorization from the production department to produce a specific quantity of material within a predefined time. The production order contains all the information required for the execution of the production process.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects relevant production orders from the `J_3ABSSI` table for the derived plants if the following conditions are met:

- The stock type (`J_3ABSSI-J_3ABSKZ`) is "F" (production order) AND
- The **AFS Delivery Completed Indicator at SKU Level in Production** field (`J_3ABSSI-J_3AELIKZ`) is not "X" (Yes) AND
- The **AFS Indicator Technical Completed** field (`J_3ABSSIJ_3ATCKZ`) is not "X" (Yes) AND
- The **Delivery Completed Indicator** field (`AFPO-ELIKZ`) is not "X" (Yes).

In Scope

The following data is set for migration to SAP S/4HANA:

Production orders with deliveries not started

> **i** Note
>
> Production orders you set for deletion in the source AFS system are not migrated.

Out of Scope

- Partially-delivered production orders
- Production orders with technically complete status
- Long texts for production orders
- Production orders with sales order references

- Production orders marked for deletion
- Production orders from planned orders
- Collective conversion of planned orders
- Production orders without materials

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- PP - Material BOM
- PP - Production Version
- PP - Routing

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `C_AFKO_ATY` (CIM: Order category)
- `C_AFKO_AWA` (CIM: Authorization for Prod. Order/Order Type/Plant/Activity)
- `C_AFKO_AWK` (CIM: Plant for Order Type of Order)
- `C_STUE_BER` (CS BOM Authorizations)
- `C_STUE_WRK` (CS BOM Plant (Plant Assignments)
- `C_TCLA_BKA` (Authorization for Class Types)

Note that virtual tables do not exist in the database.

Technical Information

Name of this migration object: `S4_AFS_PP_PRODUCTION_ORDER`

Production Order Variants

This migration object creates multiple production orders for every production order in the AFS system that contains generic material with multiple variants.

After migration, this migration object groups production order variants under a master production order with the **Created** status.

> **Example**
>
> A T-shirt with 3 variants has a production order in the source system. This migration object creates 3 production orders in the target system and groups the three orders under a master production order.

Production Order Dates

The basic dates (start date and end date) for production orders in the target system is picked up from the configuration set in Customizing for scheduling parameters of production orders.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Production Order	All instances of this migration object are relevant to the transfer option.	Create Production Order	Creates production orders in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Production Order • Production Order Type	Display Production Order (app ID CO03)	`BAPI_PRODORD_CREATE`
		Update Master Production Order	Creates or updates master production orders in SAP S/4 HANA system	All instances that qualify for this transfer option are relevant to the transfer step	• Master Order Number	Call Production Control Workbench (app ID FSH_PCW)	`CNV_PE_S4_AFS_MAINT_MAST_ORDER`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_MAINT_MAST_ORDER`

APIs/BAPIs

- `FSH_PP_PCW_CREATE_MASTER`

- FSH_PP_PCW_MODIFY_MASTER

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

After migration, you can release the production orders using the transaction code (FSH_PCW) for the Production Control workbench. Ensure that the settlement profile and cost estimates are already customized in the target system to ensure an error-free post processing.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change Production Order	CO02
Display Production Order	CO03
Production Control Workbench	FSH_PCW

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.215 PP - Sales order BOM

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate bills of material data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Material Master**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Bill of Materials* > *Bill of Material* > *Order BOM* Component: PP-BD
Business Object Type	Master data
Business Object Definition	A single-level BOM that you generate for a sales order from a material BOM, and that you modify specific to the order. In this way, the material BOM remains unchanged. An order BOM is uniquely identified by the sales order number, the sales order item, and the material number. Order BOMs can be created for configurable and non-configurable materials.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects bills of material from the `KDST` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Bills of material of type "K" (material-based)
- Header data
- Component item data
- Sub-items

- Long texts
- Change numbers
- Deviation quantities for the Fashion BOM variant
- BOM segmentation

> **i Note**
>
> Materials you set for deletion in the source AFS system are not migrated.

Out of Scope

- Component item C - Compatible unit
- Component item I - PM structure element
- Component item K - Class item
- Component item M - Intra-material
- Component item R - Variable size item

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- SD - Sales order
- AFS - Quantity distribution profile
- ECM - Change master

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_TCLA_BKA` (Access to Classes Using the Class Type)

`C_STUE_NOH` (Create/Update/Display of BOM which has a History Requirement Without Using a Change Number)

`C_STUE_BER` (Create/Update/Display of Bills of Material)

`C_STUE_WRK` (Create/Update/Display the Allocation of a BOM to a Plant)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_PP_SO_BOM`

Virtual Tables

- `BOM_TXT`: To store BOM long texts
- `ITEM_TXT`: To store BOM item long texts
- `DRAD_ITM`: To store document object links
- `FSH_BOMD`: To store deviation quantities for the Fashion BOM variant
- `SGT_BOMC`: To store BOM segmentation

Note that virtual tables do not exist in the database.

Error during the migration of BOM records

If the migration of a BOM record ends in error, the following error message is displayed: **BOM <Sales order>/<Item number>/<Material number>/<Plant>/<Usage> is locked by <Username>.**

- **Reasons for the error**
  The BAPI allows the posting of BOMs for generic articles that have a single related variant or multiple related variants. However, when the number of variants is very large, the BAPI ends in error.
- **Possible scenarios resulting from the error**
  - The BOM record is partially migrated or
  - The BOM record is not migrated at all
- **Scenario: Data partially migrated**
  If the data is partially migrated, you can process it again.
  1. Go to transaction code CS62 in the target SAP S/4HANA system.
  2. Manually delete the partially processed data.
  3. Migrate the data again.
- **Scenario: Data not migrated**
  If the data is not migrated at all, you cannot migrate the same record again. Contact SAP for a solution.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Sales Order BOM	All instances of this migration object are relevant to the transfer option.	Create Sales Order BOM	Creates the sales order BOM in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Material Number • Alternative BOM • BOM Usage • BOM Category • Sales Order • Sales Order Item • Plant	Display Sales Order BOM (app ID F4339)	`CNV_PE_S4_AFS_PP_SO_BOM`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_PP_SO_BOM`

APIs/BAPIs

`CSAI_BOM_MAINTAIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	CS62
Display	CS63

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.216 PP - Work center

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate work center data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Work Center**

Business Object Component/Area	User Menu Path: *Logistics* > *Production* > *Master data* > *Work centers* > *Work center* Component: PP-BD-WKC
Business Object Type	Master data

Business Object Definition	Organizational unit that defines where and by whom an operation is performed. The work center has an available capacity. The activities performed at or by the work center are valuated by charge rates, which are determined by cost centers and activity types. Work centers can be: • Machines • People • Production lines • Groups of craftsmen
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects all work centers from the `CRHD` table for the derived plants.

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Default values
- Capacities
- Scheduling information
- Costing information
- Technical data

Out of Scope

Work center description in languages other than the logon language

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- CO - Activity type

- CO - Business process

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`C_ARPL_WRK` (CIM: Work center - plant)

`C_ARPL_ART` (CIM: Work center category)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_WORK_CENTER`

Virtual Tables

- `CRCO_RCVAPI`: To handle work center assignments to cost centers.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Work Center	All instances of this migration object are relevant to the transfer option.	Create Work Center	Creates the work center in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Work Center • Plant	Work Center (app ID F0240)	`CNV_PE_S4_AFS_CREAT_WORKCENTER`

APIs/BAPIs Used in Migration-Specific Function Modules

A migration-specific function module is used in this migration object. This function module uses standard BAPIs or other function modules to complete the migration scope.

Function Module: `CNV_PE_S4_AFS_CREAT_WORKCENTER`

APIs/BAPIs

`CRAP_WORKCENTER_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*

Change	CR02
Display	CR03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.217 Pricing condition (purchasing and sales)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate pricing condition data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Pricing Condition**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* > *Purchasing* > *Master Data* > *Conditions* *Logistics* > *Sales and Distribution* > *Master Data* > *Conditions* Components: MM-PUR and SD
Business Object Type	Master data
Business Object Definition	Sales: A data element used to define prices according to criteria selected by the user. Purchasing: The terms of payment negotiated with a vendor, such as surcharges or discounts. Pricing conditions determine how the system calculates the effective price in a purchase order.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This object is not delimited by the company codes specified when defining the migration scope.

Additional selection criteria

All pricing condition records belonging to Sales and Distribution and Purchasing are automatically selected provided the following conditions are met:

- *Condition Usage* field (`KVEWE`) is set as A (pricing) AND
- *Application* field (`KAPPL`) is set as M (purchasing) AND V (sales)

In Scope

The following data is set for migration to SAP S/4HANA:

- Pricing conditions for prices, surcharges and discounts
- Condition headers
- Condition items
- Quantity and value scales

> **i** Note
>
> Pricing condition records used in purchase contracts, purchase info records, sales contracts, and scheduling agreements are migrated as part of the relevant migration objects.

Out of Scope

- Exclusion indicators
- Condition texts
- Additional data (payment terms, fixed value dates, additional value days, assignments)
- Pricing condition records that belong to applications not in Sales and Purchasing.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- Customer
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `V_KONH_VKS` (Condition: Authorization for Condition Types)
- `V_KONH_VKO` (Condition: Authorization for Sales Organizations)
- `V_KONH_EKO` (Purchasing Organization in Master Condition)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_PRICING_COND`

Virtual Tables

- `APP_COND_KEY_FIELDS`: To store information of condition key fields
- `APP_QUAN_SCAL_VAL`: To store information of scales data
- `APP_KONP`: To store condition item data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Pricing Condition (Sales and Purchasing)	All instances of this migration object are relevant to the transfer option.	Create Pricing Condition	Creates the pricing condition in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Condition Record Number	Not relevant	`COND_GEN_MIGRATION_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display Condition Records	MEK3

Further Information

For information about key field combinations for price conditions, see SAP Note 2332748.

Available Migration Objects [page 2] in SAP S/4HANA.

1.218 SD - Sales contract

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate sales contract data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Sales Contract**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Sales* > *Contract* Component: SD
Business Object Type	Transactional data
Business Object Definition	An outline agreement that contains special conditions negotiated between the supplier and a customer, for example, price, target value, or target quantity. A sales contract is valid for a specified period. A customer submits a sales order to release materials or services from the amount or value agreed in the contract.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects relevant sales contracts from the `VBAK` table for the derived sales organizations.

Relevant Selection Criteria

The relevant sales document categories (`VBAK-VBTYP`) for this migration object are G ("Contract") and 0 ("Master Contract").

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Items data
- Partners data
- Conditions data
- Contract data
- Long texts
- Partner addresses
- Tax classification

> **i** Note
>
> This migration object also migrates partially processed contracts. If a contract has any subsequent delivery documents, the contract is considered as a partially processed contract. Before migration, this migration object removes the quantity already delivered to the business partner from the partially processed contract.

Out of Scope

- Sales contract configurations
  - Reference data
  - Instances
  - Parts of specifications
  - BLOB internal data
  - Variant condition keys
  - Reference items/instances
- Sales contract keys
- User-defined fields in the sales contract
- Industry-specific solution fields
- Document flows
- Output types
- Billing plans
- Customer enhancements for `VBAK`, `VBAP`, and `VBEP` tables
- Reference structure for the ExtensionIn and ExtensionOut BAPI parameters

Note that the information given here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- AFS - Sales grid condition record
- CO - Profit center
- Customer
- PP - Material BOM
- Pricing condition (purchasing and sales)

Before you can start the migration process, ensure the following Customizing in the target system:

Manual Pricing

In Customizing for Sales and Distribution, go to the V/08 transaction or go to *Basic Functions* > *Pricing* > *Define and Assign Pricing Procedures*. Select the *Set Pricing Procedures* activity. Open the relevant pricing procedure assigned to the sales document to be migrated. Set the condition types to be processed manually by selecting *Manual only*.

Carrying out the Customizing listed above enables manual pricing for price determination. As a result, this migration object transfers the as-is conditions from the source AFS system to the target SAP S/4HANA system.

Source System

Checks for Partially Processed Contracts in the Source AFS System

Before you migrate partially processed orders, execute the `CNV_PE_PARTIAL_DELV_ORDS_ANA` report in your source AFS system for the company codes you specified when defining the migration scope.

> **i** Note
>
> The current scope of the report is the price impact created by the **quantity scales** only.

The report provides detailed information about partially processed orders such as deviation in quantity, net price, and unit price at the condition type level.

This report displays partially processed orders and categorizes them into **Consistent** or **Inconsistent** orders. Consistent orders are those which do not have an impact on pricing since the pricing remains the same across all quantities. Orders that are impacted by pricing are termed as inconsistent orders.

The report provides a **simulated price** for partially processed orders that are in the inconsistent category. The simulated price belongs to the remaining open quantities based on source pricing determination and quantities scales setting.

The simulation enables you to make a decision about manually adjusting pricing in the target system for the inconsistent orders. Some of the manual adjustments can be:

- Create new migration-specific condition types and condition records with pricing adjustments.
- Create new condition records for each scale range with adjusted prices.

Based on your business requirement and the results of the report, you can also adopt any other approach to manually adjust pricing.

How to Display the Simulated Pricing after Executing the Report

- After executing the report, check the *Status* column.

- If the status is green, there is no pricing inconsistency and you can migrate the order without making any adjustments in the target system.
- If the status is red and if the order is migrated without any manual adjustments, there could be a price inconsistency.
- Click the red status in the *Status* column to get the simulated prices. The simulated prices are updated in the *New Net Price* and *Difference Amount* columns.

> **i** Note
>
> Double-click any column in the report to get the conditions and scales data if present.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

- `V_VBAK_VKO` (Create/Update/Display of sales documents using the sales areas)
- `V_VBAK_AAT` (Create/Update/Display of sales documents using the sales document type)
- `V_VBAK_CCD` (Create/Update/Display of sales document payment cards)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_SALES_CONTRACT`

Virtual Tables

- `SORD_TEXT`: To store long texts for sales contracts
- `ITEM_DATA` : To store the item and schedule lines of sales contracts
- `COND_DATA`: To store condition records of header and item levels in sales contracts
- `PARTNER_DATA`: To store the assigned business partners in a sales contract
- `VAS_DATA`: To store the value-added services
- `HEADER_DATA`: To store the header and business data of a sales contract
- `CONTRACT_DATA`: To store sales contract data
- `VAS_TEXT_TL`: To store the long texts of value-added services for ticketing and labeling
- `VAS_TEXT_PAC`: To store the long texts of value-added services for packing
- `VAS_TEXT_SER`: To store the long texts of value-added services for special services
- `LONG_TEXT`: To store long texts for sales contracts
- `LONG_TEXT_VAS`: To store long texts for value-added services

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Sales Contract	All instances of this migration object are relevant to the transfer option.	Create Sales Contract	Creates the sales contract in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Sales Document Number	Display Sales Contract (app ID F1851)	`FSH_API_SALESDOCUMENT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VA42
Display	VA43

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.219 SD - Sales order

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate sales order data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Sales Order**

Business Object Component/Area	User Menu Path: *Logistics* > *Sales and Distribution* > *Sales* > *Order* Component: SD
Business Object Type	Transactional data
Business Object Definition	A customer request to the company for delivery of goods or services at a certain time. The request is received by a sales area that is then responsible for fulfilling the contract.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives sales organizations from the company codes you specified when defining the migration scope. This migration object automatically selects sales orders from the `VBAK` table for the derived sales organizations if the following condition is met: The SD document category (`VBAK-VBTYP`) is "C" (order).

In Scope

The following data is set for migration to SAP S/4HANA:

- Order header data
- Item data
- Partner data
- Schedule line data
- Conditions
- Texts
- Partially processed orders
- Third-party orders that (1) have subsequent purchase orders with the Delivery status and (2) do not have a goods receipt assigned to the schedule lines
- References to other sales documents such as sales contracts or sales orders

Out of Scope

- Configurable items
- Credit card data
- Return orders

Prerequisites

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- AFS - Article
- CO - Profit center
- Customer
- PP - Material BOM
- SD - Sales contract

Before you can start the migration process, ensure the following Customizing in the target system:

Manual Pricing

In Customizing for Sales and Distribution, go to the V/08 transaction or go to *Basic Functions* > *Pricing* > *Define and Assign Pricing Procedures*. Select the *Set Pricing Procedures* activity. Open the relevant pricing procedure assigned to the sales document to be migrated. Set the condition types to be processed manually by selecting *Manual only*.

Carrying out the Customizing listed above enables manual pricing for price determination. As a result, this migration object transfers the as-is conditions from the source AFS system to the target SAP S/4HANA system.

Source System

Checks for Partially Processed Orders in the Source AFS System

Before you migrate partially processed orders, execute the `CNV_PE_PARTIAL_DELV_ORDS_ANA` report in your source AFS system for the company codes you specified when defining the migration scope.

> **i** Note
>
> The current scope of the report is the price impact created by the **quantity scales** only.

The report provides detailed information about partially processed orders such as deviation in quantity, net price, and unit price at the condition type level.

This report displays partially processed orders and categorizes them into **Consistent** or **Inconsistent** orders. Consistent orders are those which do not have an impact on pricing since the pricing remains the same across all quantities. Orders that are impacted by pricing are termed as inconsistent orders.

The report provides a **simulated price** for partially processed orders that are in the inconsistent category. The simulated price belongs to the remaining open quantities based on source pricing determination and quantities scales setting.

The simulation enables you to make a decision about manually adjusting pricing in the target system for the inconsistent orders. Some of the manual adjustments can be:

- Create new migration-specific condition types and condition records with pricing adjustments.
- Create new condition records for each scale range with adjusted prices.

Based on your business requirement and the results of the report, you can also adopt any other approach to manually adjust pricing.

How to Display the Simulated Pricing after Executing the Report

- After executing the report, check the *Status* column.
- If the status is green, there is no pricing inconsistency and you can migrate the order without making any adjustments in the target system.
- If the status is red and if the order is migrated without any manual adjustments, there could be a price inconsistency.
- Click the red status in the *Status* column to get the simulated prices. The simulated prices are updated in the *New Net Price* and *Difference Amount* columns.

  > **i** Note
  >
  > Double-click any column in the report to get the conditions and scales data if present.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`V_VBAK_VKO` (Sales Document: Authorization for Sales Areas)

`V_VBAK_AAT` (Sales Document: Authorization for Sales Document Types)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_AFS_LO_SALES_ORDER`

Virtual Tables

- `SORD_TEXT`: To store long texts of sales orders
- `ITEM_DATA` : To store the item and schedule lines of sales orders
- `COND_DATA`: To store condition records at the header and the item levels in sales orders
- `PARTNER_DATA`: To store the assigned business partners of a sales order
- `VAS_DATA`: To store value-added services
- `HEADER_DATA`: To store the header and business data of sales orders
- `VAS_TEXT_TL`: To store the long texts of value-added services for ticketing and labeling
- `VAS_TEXT_PAC`: To store long texts of value-added services for packing
- `VAS_TEXT_SER`: To store long texts of value-added services for special services
- `LONG_TEXT`: To store long texts of sales orders
- `LONG_TEXT_VAS`: To store long texts for value-added services

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Sales Order	All instances of this migration object are relevant to the transfer option.	Create Sales Order	Creates the sales order in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Sales Document Number	Display Sales Order (app ID VA03)	`FSH_API_SALESDOCUMENT_CREATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Adjust the pricing procedures to the required settings in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	VA02
Display	VA03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.220 Supplier

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate vendor (supplier) data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Application Programming Interfaces (APIs).

Related Business Object: **Vendor**

Business Object Component/Area	User Menu Path: *Logistics* > *Material Management* > *Purchasing* > *Master Data* > *Vendor* Component: MM
Business Object Type	Master data
Business Object Definition	A business partner who supplies goods and delivers them to consumers/customers.
Migration Approach	Direct Transfer - AFS

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives the purchasing organization from the company codes you specified when defining the migration scope. This migration object automatically selects all vendors from the `LFA1` table for the company codes and derived purchasing organizations.

In Scope

The following data is set for migration to SAP S/4HANA:

- General data with standard addresses
- International address versions
- General texts
- Company code data
- Accounting texts
- Purchasing data
- Purchasing texts

- Contact persons
- Extensions of existing vendors with new organizational levels
- Extensions of existing customers as suppliers with the same business partner numbers

> **i** Note
>
> - If a vendor in the source system is extended to multiple company codes, after data migration, the supplier in the target system is extended only to the participating company codes.
> - If a vendor in the source system has multiple purchase organizations, after data migration, the supplier in the target system contains only the selected purchase organizations.

Out of Scope

- Documents assigned to the vendor
- Classifications
- Updates of existing fields
- Extensions of withholding tax data to existing company codes
- Extensions of existing addresses
- Extensions of purchasing organizations belonging to existing company codes

Prerequisites

Source System

Before you can start the migration process, ensure that you have maintained the values for all fields defined as mandatory in the target system. Otherwise, errors may occur after migration. Alternatively, blank values are populated in the mandatory fields after data migration.

Target System

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, you have:

- Defined all mandatory Customizing for customer-vendor integration (CVI) in the target system.
- Provided the vendor account group in the **Vendor Account Group** (`MAP_KTOKK`) mapping task. Doing so enables the migration object to determine the business partner groupings and roles from the following Customizing paths:

Business Partner Info	Customizing (IMG) Path

Business partner role	*Cross-Application Components* > *Master Data Synchronization* > *Customer/Vendor Integration* > *Business Partner Settings* > *Settings for Vendor Integration* > *Define BP Role for Direction Vendor to BP*
Business partner group	*Cross-Application Components* > *Master Data Synchronization* > *Business Partner Settings* > *Settings for Vendor Integration* > *Field Assignment for Vendor Integration* > *Assign Keys* > *Define Number Assignment for Direction Vendor to BP*

- Registered the `CVI_EI_INBOUND_REQ_ACTIVATE` function module using the transaction code `CRMC_BUT_CALL_FU` with the following entries:

Column Names	Values to Be Filled
Event	CRM Inbound
Object	Business Partner
Item	<Value less than 10000>
Function Name	CVI_EI_INBOUND_REQ_ACTIVATE
Call	Selected

You have migrated or defined settings in the following migration objects:

- Bank
- Customer
  If the customer and vendor refer to the same business entity in the source system, please migrate the **Customer** migration object before you migrate the **Supplier** migration object. Please ensure that both migration objects are included in the same migration project.
- FI-G/L account

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following role or roles to the user:

- `F_LFA1_GEN` Vendor Central Data
- `F_LFA1_BUK` Vendor Authorization for Company Codes
- `F_LFA1_APP` Vendor Application Authorization
- `F_LFA1_GRP` Vendor Account Group Authorization
- `F_LFA1_BEK` Vendor Account Authorization

- M_LFM1_EKO Purchasing Organization in Supplier Master Record

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: S4_AFS_LO_PUR_VEND_MAST_CRE

This migration object derives the business partner category based on the vendor title defined in the TSAD3 Customizing table. If the vendor title in the source system is company, for example, the business partner category is organization.

Virtual Tables

- LFB1_TEXT: To store keys for accounting texts
- LFB1_TEXT_DATA: To store accounting text lines
- LFM1_TEXT: To store keys for purchasing texts
- LFM1_TEXT_DATA: To store purchasing text lines
- BP_GENERAL: To store business partner general data
- TAXNUMBER: To store tax number information
- ADRC_V: To store the contact person's address information
- ADR2_V: To store the contact person's telephone numbers
- ADR3_V: To store the contact person's fax numbers
- ADR4_V: To store the contact person's teletex numbers
- ADR5_V: To store the contact person's telex numbers
- ADR6_V: To store the contact person's e-mail addresses
- ADR7_V: To store the contact person's remote mail addresses
- ADR8_V: To store the contact person's X.400 addresses
- ADR9_V: To store the contact person's RFC destinations
- ADR10_V: To store the contact person's printer addresses
- ADR11_V: To store the contact person's SSF addresses
- ADR12_V: To store the contact person's FTP and URL addresses
- ADR13_V: To store the contact person's pager addresses
- ADRT_V: To store the contact person's communication data texts
- ADRU_V: To store the contact person's communication usages
- ADRCT_V: To store the contact person's address texts
- KNVK_TEXT: To store the contact person's keys for long texts
- KNVK_TEXT_DATA: To store the contact person's text lines
- LFA1_TEXT: To store keys for head office texts
- LFA1_TEXT_DATA: To store head office text lines
- LFZA_HDR: To store general information for permitted alternative payees

Mapping Task Information

Use Case	Enter Values for	In the Mapping Tasks

If the customer and the vendor refer to the same business entity in the source system	Customer and Vendor	**Customer Number** (`MAP_KUNNR`) and **Vendor Number** (`MAP_LIFNR`) respectively
If the vendor is not related to the customer in the source system	Vendor	**Vendor Number** (`MAP_LIFNR`)
If the vendor account group is assigned to an external number range	Vendor	**Vendor Number** (`MAP_LIFNR`)
If the vendor account group is assigned to an internal number range	Vendor (Enter a blank.)	**Vendor Number** (`MAP_LIFNR`)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Supplier	All instances of this migration object are relevant to the transfer option.	Create Supplier	Creates a supplier in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Business Partner • Supplier	Manage Supplier Master Data (app ID F1053A)	`CMD_MIG_BP_CVI_CREATE`
		Update Supplier	Updates supplier data in the SAP S/4HANA system	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`CNV_PE_S4_AFS_VENDOR_UPDATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Business Partner	BP

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.221 CRM - Activities

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate CRM activity data from the source CRM system to the target SAP S/4CM system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPI).

Related Business Object: **Activity**

Business Object Component/Area	CRM-BTX-ACT
Business Object Type	Transactional data
Business Object Definition	A transaction used to record information resulting from interaction between business partners during the customer relationship life cycle. Activities are subdivided into business activities and tasks. They include: • Telephone calls • Customer visits • Preparatory tasks • Private reminders
Migration Approach	Direct Transfer - CRM

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives activities from the sales organizations you specified when defining the migration scope. This migration object automatically selects the activities from the `CRMD_ORDERADM_H` table for the derived activities.

In Scope

The following data is set for migration to SAP S/4HANA:

- Activity header details
- Status
- Partner mapping
- Address
- Dates
- Organizational data
- Activity text/notes
- Transaction history
- Reference objects
- Change history
- Subject profile

Out of Scope

- Activities with item data
- Questionnaire/survey
- Attachments

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system: Activity number ranges

Roles and Authorizations

Source System

Not relevant

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`CRM_ACT`: (Authorization Object CRM Order - Business Object Activity)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `CRM_S4_ACTIVITY`

Virtual Tables

• `BUT000_AS`: To store BP: General data

• `ADR2_AS`: To store telephone numbers for Business Address services

• `ADR3_AS`: To store fax numbers for Business Address services

• `ADR4_AS`: To store teletex numbers for Business Address services

• `ADR5_AS`: To store telex numbers for Business Address services

• `ADR6_AS`: To store e-mail addresses for Business Address services

• `ADR7_AS`: To store remote mail addresses

• `ADR8_AS`: To store X.400 numbers for Business Address services

- ADR9_AS: To store RFC destinations for Business Address services
- ADR10_AS: To store printer for Business Address services
- ADR11_AS: To store SSF for Business Address services
- ADR12_AS: To store FTP and URL for Business Address services
- ADR13_AS: To store pager for Business Address services
- ADRT_AS: To store communication data text
- ADRU_AS: To store communication usages
- ADRCT_AS: To store address texts for Business Address services
- BINREL_AS: To store dynamic table for document flow & reference objects
- REFOBJECTS_AS: To store reference object details
- ACTIVITY_TEXT: To store activity texts.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Create Activities	All instances of this migration object are relevant to the transfer option.	Create Activities	Migrates the CRM One Order object 'Activity' from the source CRM 7.0 system to the target S/4CM system	All instances that qualify for this transfer option are relevant to the transfer step.	•GUID of a CRM Order Object •Business Trans. Cat. •Transaction ID •Business Transaction Type	Not relevant	CRM_S4_BTX_ACTIVITY_MIGRATION

Post-Processing

Follow-On Activities

Not relevant

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change/Display	CRMD_ORDER

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.222 Warehouse fixed bin assignments

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse fixed bin assignment data from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Related Business Object: **Warehouse Fixed Bin Assignment**

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data

Business Object Definition	In a warehouse, products can be assigned to specific storage bins. These storage bins must have the fixed bin storage type assigned to them. The relationship between product and fixed storage bin is called fixed bin assignment. During the goods receipt process, the products are put away in only the assigned storage bins. During the goods issue process, the products are picked from only those storage bins.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Fixed bin assignment data is automatically selected for the fixed bin assignments assigned to the migration-relevant warehouse number.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Key fields
- Maximum and minimum quantities
- Display UoM
- Administrative data

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Material
- Warehouse storage bin

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCWM/MIG` (EWM Migration Reports)
- `/SCWM/LG` (EWM Storage Bin)

Technical Information

Name of this migration object: `S4_EWM_FIXED_BIN_ASN`

Virtual Tables

`MATMAP`: This table is used to map the material ID and material number to the corresponding external material numbers.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate Fixed Bin Assignments	All instances of this migration object are relevant to the transfer option.	Migrate Fixed Bin Assignments	Creates fixed bin assignments in the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_FIXBIN_ASN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link: https://fioriappslibrary.hana.ondemand.com
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Assign Fixed Storage Bins	/SCWM/BINMAT
Warehouse Monitor Node: *Stock and Bin* > *Storage Bin* > *Fixed Bin Assignment*	/SCWM/MON

Available Migration Objects [page 2] in SAP S/4HANA.

1.223 Warehouse storage bin

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse storage bins from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Related Business Object: **Warehouse Storage Bin**

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A storage bin is the smallest spatial unit in a warehouse. Therefore, a storage bin represents the exact position in the warehouse where products can be stored. Since the address of a storage bin is frequently derived from a coordinate system, a storage bin is often referred to as a coordinate. For example, the coordinate 01-02-03 could be a storage bin in aisle 1, stack 2, and level 3.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Storage bin data is automatically selected for the storage bins assigned to the migration-relevant warehouse number.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- General storage bin data, such as aisle, stack, level, and coordinates
- Status data, such as putaway and stock removal block
- Data related to physical inventory, such as physical inventory type and date of last inventory
- Statistics-related data, such as date and time of last movement or date and time of last bin clearing

Out of Scope

- Maximum number of handling units on bin
- Actual number of handling units on bin
  The migration of warehouse stock creates all of the above.

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse number
- Storage types
- Storage section
- Storage bin types
- Bin access types

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCWM/MIG` (EWM Migration Reports)
- `/SCWM/LG` (EWM Storage Bin)
- `C_LIME_DOC` (LIME Document Check)
- `C_LIME_LOC` (LIME Location)
- `C_LIME_HU` (LIME Handling Unit)

Technical Information

Name of this migration object: `S4_EWM_STORAGE_BIN`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Storage Bins	All instances of this migration object are relevant to the transfer option.	Migrate Storage Bins	Creates storage bins in the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_BIN`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link: https://fioriappslibrary.hana.ondemand.com
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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Display Storage Bins	/SCWM/LS03
Warehouse Monitor	/SCWM/MON
Node: *Stock and Bin* > *Storage Bin*	

Available Migration Objects [page 2] in SAP S/4HANA.

1.224 Warehouse product

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse product data from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Related Business Object: **Warehouse Product**

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Warehouse number-dependent view of the product master data. The warehouse product comprises all the properties of a product that relate to its storage in a certain warehouse, such as putaway control.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Warehouse product data is automatically selected for the warehouse products assigned to the migration-relevant warehouse number.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to Decentralized EWM based on SAP S/4HANA:

- General warehouse product data, such as required minimum shelf life and preferred unit of measure
- Putaway-related data, such as putaway control and bulk storage
- Stock removal-related data, such as stock removal control
- Slotting-related data
- Storage type-specific data

Custom Fields

If you want to migrate warehouse products that contain custom fields, follow these steps:

1. Create your migration project.
   As soon as you have created your migration project, double-click on the project. Wait until the *Running Activities* have finished (it can take several minutes), but do not start the next action yet.
2. Modify your migration project.
   Call transaction `LTMOM` in your destination system, enter your migration project name, and select S4_EWM_WAREHOUSE_PRODUCT → Field Mapping. Switch to change mode. On the right side, you can see two views: one for the Data Source and one for the Data Target.
3. Map target custom fields to source custom fields.
   Go to the Data Target View and open the node *Warehouse product data that can be migrated via Mig. Cockpit*. Toward the bottom, you should see the custom fields for your warehouse product in the target system. For each custom field, double-click the field and select *Move value from source field*. Select the custom field in the source system that you want to map to the field in the target system. When you are done, validate and save your project.
4. Map target custom fields to source custom fields for storage type-dependent data.
   Repeat the previous step for node *Storage type-dependent warehouse product data*.
5. Continue migrating your data.
   Go back to your migration project and continue with the next action, *Select Data*.

Out of Scope

- Not relevant

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse number
- Storage type, if the warehouse products to be migrated have storage type-specific data

You have migrated or defined settings in the following migration object:

- Material

> **i** Note
>
> Materials must be transferred from your enterprise management system, for example, SAP S/4HANA or SAP ERP, to the target decentralized EWM system via IDoc.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCWM/MIG` (EWM Migration Reports)
- `B_BUPA_RLT` (Business Partner: BP Roles)
- `C_APO_PROD` (APO Authorization Object: Master Data, Products)

Technical Information

Name of this migration object: `S4_EWM_WAREHOUSE_PRODUCT`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Warehouse Product	All instances of this migration object are relevant to the transfer option.	Migrate Warehouse Product	Creates warehouse products in the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_PRODUCT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link: https://fioriappslibrary.hana.ondemand.com
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Display/Change Warehouse Product	/SCWM/MAT1
Warehouse Monitor	/SCWM/MON
Node: *Product Master Data* > *Warehouse Attribute*	

Available Migration Objects [page 2] in SAP S/4HANA.

1.225 Warehouse storage bin sorting

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse storage bin sorting data from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Related Business Object: **Warehouse Storage Bin Sorting**

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A specific ranking of a storage bin into a defined sort sequence for the combination of warehouse number, activity, and activity area. Bin sorting is taken into consideration for specific warehouse processes, such as picking. That is, the order of the warehouse tasks in the warehouse order is based on the sort sequence of the respective destination bins.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Storage bin sorting data is automatically selected for the storage bins assigned to the migration-relevant warehouse number.

> **i** Note
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Storage bin sorting data, including activity area, activity, and sort sequence

Out of Scope

- Not relevant

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse number
- Storage types
- Activity areas
- Activities
- Consolidation groups

You have migrated or defined settings in the following migration object:

- Warehouse storage bins

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCWM/MIG` (EWM Migration Reports)

- `/SCWM/ACTI` (EWM Activity Area)

Technical Information

Name of this migration object: `S4_EWM_STORAGE_BIN_SORTING`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Storage Bin Sorting	All instances of this migration object are relevant to the transfer option.	Migrate Storage Bin Sorting	Creates storage bin sortings in the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_BIN_SRT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Warehouse Monitor	/SCWM/MON
Node: *Stock and Bin* > *Storage Bin Sorting*	

Available Migration Objects [page 2] in SAP S/4HANA.

1.226 Warehouse stock

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse stock data from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Related Business Object: **Warehouse Stock**

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Warehouse stock represents goods that are stored physically in a warehouse. Warehouse stock is an entity that describes the goods with information such as the name of the product, the quantity, batch information, packaging information, and storage bin.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Stock data is automatically selected for the storage bins assigned to the migration-relevant warehouse number.

> **Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to Decentralized EWM based on SAP S/4HANA:

- The following stock types:
  - Unrestricted use stock
  - Blocked Stock
  - Stock in Production
  - Scrap Stock
- The following special stock indicators:
  - On Order Stock / Sales order stock - "E"
  - Project Stock - "Q"
  - Vendor Consignment Stock - "K"
- Stock for batch-managed materials
- Stock with serial numbers
- The serial numbers themselves for serialization in inventory management and on warehouse level

> **Note**
>
> The system uses the fixed value 'BP' for the partner role of Party Entitled to Dispose.

Out of Scope

- Stock isn't posted to an enterprise management system, for example, SAP S/4HANA or SAP ERP.
  If you don't have a live enterprise management system that already has the correct inventory balances for the storage locations of your EWM system, you can use the transaction `/SCWM/ERP_STOCKCHECK`.
- Delta migration isn't supported. Functionality is restricted to an initial upload of the data.
- Migration of negative stock
- Migration of alternative handling unit identification numbers (corresponding database table: `/SCWM/HU_IDENT`)

- Migration of individual status for handling units (corresponding database table: `/SCWM/HUSSTAT`)
- Stock that is involved in any of the following open processes or documents:
  - Stock with reference to a delivery
  - Stock in quality inspection
  - Stock or stock on bins with an open physical inventory document
  - There should be no open stock in the difference analyzer (transaction `/SCWM/DIFF_ANALYZER`)
  - Stock on resources or transportation units

> **i** Note
>
> If stock isn't ready for migration for one of the given reasons, stock for the whole storage bin is skipped in the data selection. Therefore, the stock for that storage bin isn't visible in the selected data and can't be simulated or migrated. After correcting the situation that prevented migration, data selection can be repeated within the same migration project. The new entries in the list of selected data can now be simulated and migrated.

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration objects:

- Material (products and packaging materials for stock in handling units (HUs))
- Warehouse storage bin
- Batch
- Vendor
  Note: Vendor is relevant for the special stocks *"K" - vendor consignment*, as well as for the party entitled to dispose and owner.
- WBS element
  Note: WBS elements are relevant for the special stock *"Q" - project stock*.
- Purchasing info record with info category 'Consignment'
  Note: Purchasing info record is relevant for the special stock *"K" - vendor consignment stock*
- Sales order
  Note: Sales order is relevant for the special stock *"E" - on order stock/sales order stock*

The status of the internal number range for handling units in the target system must be set equal to or greater than the number of the handling unit in the source system that was the last handling unit to be created before migration.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- /SCWM/MIG (EWM Migration Reports)
- /SCWM/SLFU (EWM Special Functions per Warehouse Number)
- C_LIME_HU (LIME Handling Unit)
- C_LIME_SI (LIME Stock Item)
- M_MSEG_BWA (Goods Movements: Movement Type)
- M_MSEG_WWA (Goods Movements: Plant)

Technical Information

Name of this migration object: S4_EWM_WAREHOUSE_STOCK

Virtual Tables

STOCK_DATA : This table is used to select data for stock based on the storage bins assigned to the migration-relevant warehouse numbers.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate Warehouse Stock	All instances of this migration object are relevant to the transfer option.	Migrate Warehouse Stock	Creates warehouse stock in the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	/SCWM/MC_STOCK

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Warehouse Monitor Node: *Stock and Bin* > *Storage Bin* > *Physical Stock*	/SCWM/MON
Warehouse Monitor Node: *Stock and Bin* > *Serial Number On Whse Level*	/SCWM/MON

Available Migration Objects [page 2] in SAP S/4HANA.

1.227 Warehouse application log settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse application log settings from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Application log settings allow the user to activate or deactivate logs for EWM applications. The user can also control additional parameters. For example, the user can specify when the system is to write an application log based on the severity of the messages that occur.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Warehouse application log settings are automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- *Activate Application Log*
- *Deactivate PPF Log Depending on Warehouse and User*

Out of Scope

Settings from the following transactions are out of scope:

- *Configure Log for ERP Messages*
- *Activate Trace in BRFplus*

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Users

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)

Technical Information

Name of this migration object: `S4_EWM_LOG_SETTINGS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate warehouse application log settings	All instances of this migration object are relevant to the transfer option.	Migrate warehouse application log settings	Migrates warehouse application log settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	/SCWM/MC_LOG_SETTINGS

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Activate Application Log	/SCWM/ACTLOG
Deactivate PPF Log Depending on Warehouse and User	/SCWM/DLVPPFLOG

Available Migration Objects [page 2] in SAP S/4HANA.

1.228 Physical inventory settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate physical inventory settings from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Physical inventory is the recording of actual stock levels (quantities) of materials by counting, weighing, or measuring at a given storage location at a specific time. Physical inventory settings allow you to assign so-called tolerance groups to users.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Physical inventory settings are automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- Assign User to Tolerance Group for Difference Analyzer
- Assign User to Tolerance Group for Recount/Clearing

Out of Scope

Not relevant.

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Tolerance groups
- Activity areas
- Users

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)
- `/SCWM/VM` (EWM Warehouse Specific View Maintenance)
- `/SCWM/SLFU` (EWM Special Functions per Warehouse Number)

Technical Information

Name of this migration object: `S4_EWM_PI_SETTINGS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate physical inventory settings	All instances of this migration object are relevant to the transfer option.	Migrate physical inventory settings	Migrates physical inventory settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_PI_SETTINGS`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Assign User to Tolerance Group for Difference Analyzer	/SCWM/PI_USER_DIFF
Assign User to Tolerance Group for Recount/Clearing	/SCWM/PI_USER

Available Migration Objects [page 2] in SAP S/4HANA.

1.229 Shipping and receiving settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate shipping and receiving settings from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Shipping and Receiving in Extended Warehouse Management (EWM) comprises the following areas: • Usage of vehicle and transportation units for managing the transports to or from your warehouse • Loading and unloading, including docking at and undocking from a door • Yard Management To control these processes, the appropriate settings are used.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Shipping and receiving settings are automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i** Note
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- *Assign Door Storage Bin and Supply Chain Unit*
- *Invoice Before Goods Issue*
- *Staging Area and Door Determination (Inbound)*
- *Staging Area and Door Determination (Outbound)*
- *Access Sequence to Staging Areas and Door Determination*
- *Determine TU Profile*

Out of Scope

Settings from the following transactions are out of scope:

- *Set Default Owner of Transportation Units and Vehicles*
- *Process Vehicle*
- *Process Transportation Unit*
- *Link Between Packaging Material (TU) and Means of Transport*
- *Set Up Printer and Form Determination*

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Storage bins
- Supply chain unit
- Means of transport
- Packing materials
- Staging area groups
- Staging areas

- Staging bay and doors
- TU profiles
- Routes
- Users

You have migrated or defined settings in the following migration objects:

- Warehouse storage bin
- Warehouse product

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)
- `/SCWM/VM` (EWM Warehouse Specific View Maintenance)
- `B_BUPA_RLT` (Business Partner: BP Roles)

Technical Information

Name of this migration object: `S4_EWM_SR_SETTINGS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate shipping and receiving settings	All instances of this migration object are relevant to the transfer option.	Migrate shipping and receiving settings	Migrates shipping and receiving settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	/SCWM/MC_SR_SETTINGS

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Assign Door Storage Bin and Supply Chain Unit	/SCWM/DOOR_SCU
Invoice Before Goods Issue	/SCWM/IBGI
Staging Area and Door Determination (Inbound)	/SCWM/STADET_IN
Staging Area and Door Determination (Outbound)	/SCWM/STADET_OUT

Access Sequence to Staging Areas and Door Determination	/SCWM/STADET_ASS
Determine TU Profile	/SCWM/TUPROF_DET

Available Migration Objects [page 2] in SAP S/4HANA.

1.230 Production supply area

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate production supply areas from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	The production supply area (PSA) exists directly in the production area. You stage the material in the production supply area in production storage bins so it can be removed directly for production. The production supply area groups together work centers near the production storage bins, taking the material staging type into consideration.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Production supply area data is automatically selected for the production supply area assigned to the migration-relevant warehouse number.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- General production supply area data
- PSA assignment to bin by entitled/product

Out of Scope

Not relevant.

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Parties entitled to dispose
- Product groups
- Process types

> **i** Note
>
> For this migration object, you must also ensure that products are already available in the target system.

You have migrated or defined settings in the following migration object:

- Warehouse storage bin

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)
- `/SCWM/VM` (EWM Warehouse Specific View Maintenance)
- `S_SCD0_OBJ` (Change Documents of Change Document Object)

Technical Information

Name of this migration object: `S4_EWM_PSA`

Virtual Tables

`MATMAP`: This table is used to map the material ID and material number to the corresponding external material numbers.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate production supply area	All instances of this migration object are relevant to the transfer option.	Migrate production supply area	Migrates production supply areas to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_PSA`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link: https://fioriappslibrary.hana.ondemand.com
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Define PSA	/SCWM/PSA
Assign Bin to PSA/Product/Entitled in Warehouse Number	/SCWM/PSASTAGE
Assign Bin to Product/Entitled in PSA	/SCWM/PSASTAGE2

Available Migration Objects [page 2] in SAP S/4HANA.

1.231 Resource and user maintenance

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate resources and user settings for radio frequency (RF) from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A resource is an entity representing a user or equipment, which can execute work in the warehouse. Resource master data records contain the basic information required to manage a resource. User RF data records contain information about resources that can execute work via RF transactions.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Data for resource and user settings for RF is automatically selected for the resources assigned to the migration-relevant warehouse number.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- General resource data such as resource type and group, default presentation device, and queue
- User RF settings such as data entry type, personalization profile, and automatic logon
- Standard and current storage bin of a resource
- Resource print behavior

Out of Scope

- Exception and process codes of a resource
- MFS settings of a resource
- REC settings
- Actual coordinates

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Resource groups
- Resource types
- Presentation devices

- Queues
- Users
- Personalization profiles

> **i Note**
>
> Presentation devices must be created beforehand in the target system.

You have migrated or defined settings in the following migration objects:

- Warehouse storage bin
- Resource group and queue settings

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)
- `/SCWM/VM` (EWM Warehouse Specific View Maintenance)
- `C_LIME_DOC` (LIME Document Check)
- `C_LIME_HU` (LIME Handling Unit)
- `C_LIME_LOC` (LIME Location)
- `/SCWM/RSRC` (EWM Resource Maintenance)

Technical Information

Name of this migration object: `S4_EWM_RESOURCE`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate resource and user maintenance	All instances of this migration object are relevant to the transfer option.	Migrate resource and user maintenance	Migrates resources and user settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_RESOURCE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link: https://fioriappslibrary.hana.ondemand.com
2. Under *Categories*, choose *All apps*.
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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Maintain Resource	/SCWM/RSRC
Maintain Users	/SCWM/USER

Available Migration Objects [page 2] in SAP S/4HANA.

1.232 Resource group and queue settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate resource group and queue sequence settings from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A resource group is a grouping of resources for queue assignment purposes. The master data for a resource group includes basic information about the resource group, about the queue sequences, and about the queue type sequences.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Data for the resource group and queue settings is automatically selected for the resource groups assigned to the migration-relevant warehouse number.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- General resource group data such as resource group and descriptions
- Queue sequence for each resource group

- Queue sequence in task interleaving for each resource group

Out of Scope

Not relevant.

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Queues
- Queue types

> **i** Note
>
> Presentation devices must be created beforehand in the target system.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)

Technical Information

Name of this migration object: `S4_EWM_RESOURCE_GROUP`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate resource group and queue settings	All instances of this migration object are relevant to the transfer option.	Migrate resource group and queue settings	Migrates resource group and queue settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_RESOURCE_GROUP`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Maintain Resource Group	/SCWM/RGRP
Maintain Queue Sequence for Resource Group	/SCWM/QSEQ
Maintain Queue Type Sequence	/SCWM/QTSQ

Available Migration Objects [page 2] in SAP S/4HANA.

1.233 Resource execution settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate resources execution settings from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Resource execution settings allow you to activate or deactivate resource execution controls and messages to resources, and to change the execution priority for a warehouse order. Warehouse order prioritization ensures that the system selects the warehouse order that is most suitable for a resource.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Data for resource execution settings is automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- *Maintain Execution Priorities*
- *Deactivate Messages to Resources*
- *Activate Resource Execution Control for Storage Groups*

Out of Scope

Not relevant.

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Storage types
- Storage groups for resource execution control (REC)
- Process types
- Process categories
- Activities
- Document and item types for internal warehouse processes
- Resource types
- Bin access types
- Handling unit type groups

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)

Technical Information

Name of this migration object: `S4_EWM_RESOURCE_SETT`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate resource execution settings	All instances of this migration object are relevant to the transfer option.	Migrate resource execution settings	Migrates resource execution settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_RESOURCE_SETT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.

5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Maintain Execution Priorities	/SCWM/EXECPR
Activate Resource Execution Control for Storage Groups	/SCWM/REC_ACTIVATE
Deactivate Messages to Resources	/SCWM/RSCMSG_DEACT

Available Migration Objects [page 2] in SAP S/4HANA.

1.234 Work center determinations

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate work center determination settings from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Work center determination settings allow the system to determine which work center to use in goods issue processing and for cross-docking.

Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Work center determination data is automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- *Determine Work Center in Goods Issue*
- *Determine Work Center for Cross-Docking*

Out of Scope

Not relevant.

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Routes
- Activity areas
- Consolidation groups
- Storage types

- Storage section
- Handling unit type groups

You have migrated or defined settings in the following migration object:

- Warehouse storage bin

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)

Technical Information

Name of this migration object: `S4_EWM_WORKST_DET`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate work center determinations	All instances of this migration object are relevant to the transfer option.	Migrate work center determinations	Migrates work center determination settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_WORKST_DET`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Determine Work Center in Goods Issue	/SCWM/PACKSTDT
Determine Work Center for Cross-Docking	/SCWM/CDSTDET

Available Migration Objects [page 2] in SAP S/4HANA.

1.235 Work center dependent settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate work center dependent settings from the source EWM system to the target SAP S/4HANA system, based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	The work center is a physical unit in the warehouse, in which you can perform warehouse activities such as packing, distribution, or weighing.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Data for work center dependent settings is automatically selected for the work centers assigned to the migration-relevant warehouse number.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- *Define Master Data Attributes*, which includes work center assignment to a storage bin, default packaging material, terminal, and weight tolerance
- *Printer Control*

Out of Scope

The following settings are out of scope:

- External storage process step

- Work center layout
- Inbound/outbound sections
- Return storage type, section, and process type
- Print determination procedure

Prerequisites

For a consistent migration, you've ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Warehouse numbers
- Scales
- Output devices

> **i Note**
>
> For this migration object, you must also ensure that products and work centers are already available in the target system.

You have migrated or defined settings in the following migration object:

- Warehouse storage bin

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)

Technical Information

Name of this migration object: `S4_EWM_WORKSTATION`

Virtual Tables

`MATMAP`: This table is used to map the material ID and material number to the corresponding external material numbers.

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate work center dependent settings	All instances of this migration object are relevant to the transfer option.	Migrate work center dependent settings	Migrates work center dependent settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_WORKSTATION`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Define Master Data Attributes	/SCWM/TWORKST
Printer Control	/SCWM/TWCPRINT

Available Migration Objects [page 2] in SAP S/4HANA.

1.236 Material flow system

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material flow system settings from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	The material flow system (MFS) is used to control and monitor conveyor systems and resources. It enables you to connect up an automatic warehouse to Extended Warehouse Management (EWM) without the need for an additional warehouse control unit.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Material flow system (MFS) data is automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- *Maintain Application Server Group for MFS Processes*
- *Maintain Programmable Logic Controller*
- *Maintain Communication Channel*
- *Maintain Communication Points*
- *Map EWM Objects to PLC Objects*
- *Maintain MFS Resource*
- *Define Aisles and Levels for MFS Resources*

Out of Scope

Settings from the following transactions are out of scope:

- *Generate PLC Objects from EWM Objects*
- *Generate Application Data*
- *Delete Telegram Log*

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing is available in the target system:

- Warehouse numbers
- RFC destinations
- Programmable logic controllers
- Communication points
- Communication channels
- Resources
- Queues
- Storage types
- Function modules for MFS actions
- Server groups

- Users

> **Note**
>
> For this migration object, you must also ensure that products are already available in the target system.

You have migrated or defined settings in the following migration objects:

- Warehouse storage bin
- Resource and user maintenance
- Resource group and queue settings

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)
- `/SCWM/RSTY` (EWM Resource Type)

Technical Information

Name of this migration object: `S4_EWM_MFS`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*

Migrate material flow system	All instances of this migration object are relevant to the transfer option.	Migrate material flow system	Migrates material flow system settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	/SCWM/MC_MFS

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*
Maintain Application Server Group for MFS Processes	/SCWM/MFS_APPSRV
Maintain Programmable Logic Controller	/SCWM/MFS_PLC
Maintain Communication Channel	/SCWM/MFS_CCH
Maintain Communication Points	/SCWM/MFS_CP

Map EWM Objects to PLC Objects	/SCWM/MFS_OBJMAP
Maintain MFS Resource	/SCWM/MFS_RSRC
Define Aisles and Levels for MFS Resources	/SCWM/MFS_RSRC_AISLE

Available Migration Objects [page 2] in SAP S/4HANA.

1.237 Route

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate routes from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique posts data to the target system using a class for the processing of BAPI data for routes.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A route is a sequence of legs that are connected by trans-shipment locations. The route represents a framework or corridor that comprises a multitude of trips, in other words, possible concrete itineraries. The system uses routes to de-termine trips in route determination.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Route data is automatically selected for all the routes that don't have the deletion flag set.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Legs
- Stops
- Carrier assignment, if there are carrier profiles in the target system that are already assigned to this route according to the legacy system data
- Assignment to departure calendar
- Route validity and validity restrictions
- Cross-docking (CD) location, inbound and outbound routes if CD route

Out of Scope

- Routes that have the deletion flag set

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the target system:

- Request types
- Shipping conditions
- Transportation groups
- Means of transport

You have migrated or defined settings in the following migration objects:

- Carrier profile
- Zone

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCTM/RG` (Master Data Maintenance in Routing Guide (General))
- `/SCMB/SFUN` (Special Functions SCM Basis)
- `/SCTM/CD` (Authorizations for Maintaining Cross-Docking Routes)

- /SCTM/SCU (Supply chain units in routes)
- /SCWM/SFUN (EWM Special Functions)
- C_APO_LOC (APO Authorization Object: Master Data, Locations)
- C_MD_SCU (Authorization Object: Supply Chain Unit)

Technical Information

Name of this migration object: S4_EWM_ROUTE

Name of the class used in this migration object:

/SCTM/CL_BAPI_ROUTE (Route: Processing of BAPI Data)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate routes	All instances of this migration object are relevant to the transfer option.	Migrate routes	Migrates routes to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	/SCWM/MC_ROUTE

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link: https://fioriappslibrary.hana.ondemand.com
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.

4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Route	/SCTM/ROUTE

Available Migration Objects [page 2] in SAP S/4HANA.

1.238 Carrier profile

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate carrier profiles from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using an adapter module for transportation service provider profiles.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A carrier profile contains data for the carrier (business partner with the role Carrier). The system considers the carrier profile data when determining routes in the routing guide. Only one profile can exist for each carrier.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

All carrier profiles are automatically selected.

In Scope

The following data is set for migration to SAP S/4HANA:

- Header data
- Geographical data and means of transport, if there are routes in the target system that are already assigned to this carrier profile according to the legacy system data
- Transportation groups and product freight groups
- Freight code sets
- Transportation costs

Out of Scope

Not relevant.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCTM/RG` (Master Data Maintenance in Routing Guide (General))
- `/SCMB/SFUN` (Special Functions SCM Basis)
- `B_BUPA_RLT` (Business Partner: BP Roles)

Technical Information

Name of this migration object: `S4_EWM_TSP`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate carrier profile	All instances of this migration object are relevant to the transfer option.	Migrate carrier profile	Migrates carrier profiles to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_TSP`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link: https://fioriappslibrary.hana.ondemand.com
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Carrier Profile	/SCWM/TSPP

Available Migration Objects [page 2] in SAP S/4HANA.

1.239 Zone

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate transportation zone data from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using a Business Application Programming Interface (BAPI) for creating transportation zones.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A transportation zone groups together several locations. The system can partly transfer the properties that you assign to a transportation zone to all its locations. This function reduces the volume of master data stored in the system.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Transportation zone data is automatically selected for the following types of zones:

- Direct zone
- Postal code zone
- Region zone
- Mixed zone

In Scope

The following data is set for migration to SAP S/4HANA:

- General zone data
- Assigned locations that have the exclude flag set if direct zone or mixed zone
- Ranges of postal codes by country if postal code zone or mixed zone
- Regions in countries if region zone or mixed zone

Out of Scope

- Transportation zones with the zone type *leg zone*
- Transportation zones that have the deletion flag set

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

For this migration object, you must also ensure that all relevant locations are already available in the target system.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCTM/RG` (Master Data Maintenance in Routing Guide (General))
- `/SCMB/SFUN` (Special Functions SCM Basis)
- `/SCTM/SCU` (Supply chain units in routes)
- `C_APO_LOC` (APO Authorization Object: Master Data, Locations)
- `C_MD_SCU` (Authorization Object: Supply Chain Unit)

Technical Information

Name of this migration object: `S4_EWM_ZONE`

Name of the BAPI used in this migration object:

`/SCTM/BAPI_ZONE_SAVEMULTI` (BAPI FM for creating and changing Transportation Zones)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate zones	All instances of this migration object are relevant to the transfer option.	Migrate zones	Migrates zones to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_ZONE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Zone	/SCWM/ZONE

Available Migration Objects [page 2] in SAP S/4HANA.

1.240 Zones hierarchy

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate transportation zone hierarchy data from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using a Business Application Programming Interface (BAPI) for changing transportation zones.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data

Business Object Definition	The transportation zone hierarchy is used to structure transportation zones hierarchically by assigning one transportation zone to another. All locations included in a zone that is assigned to another zone are automatically also part of that other zone. Transportation zones that are included in a transportation zone hierarchy inherit the properties of the superordinate zone.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Transportation zone hierarchy data is automatically selected for the `RELH_ZONE` zone hierarchy.

In Scope

The following data is set for migration to SAP S/4HANA:

- Transportation zone hierarchy `RELH_ZONE`

Out of Scope

- Any other transportation zone hierarchies

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

You have migrated or defined settings in the following migration object:

- Zone

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object to the user:

`C_APO_RELH` (APO Authorization Object for Hierarchies (Master Data))

Technical Information

Name of this migration object: `S4_EWM_ZONE_HIERARCHY`

Name of the BAPI used in this migration object:

`/SCTM/BAPI_ZONE_SAVEMULTI` (BAPI FM for creating and changing Transportation Zones)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate zones hierarchy	All instances of this migration object are relevant to the transfer option.	Migrate zones hierarchy	Migrate zones hierarchies to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_ZONES_HIERARCHY`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Hierarchy Maintenance	/SAPAPO/RELHSHOW

Available Migration Objects [page 2] in SAP S/4HANA.

1.241 Condition records (warehouse independent)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse-independent condition records (applications: DPP, PAK) from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data

Business Object Definition	Condition records are data records with input and output values for a task. The output values are dependent on chosen input values (for example, customer, customer group, product) and are valued for a certain time period. For example, there are condition records in Extended Warehouse Management (EWM) that allow you to control how the system schedules Post Processing Framework actions (PPF actions) for delivery processing. A packaging specification is a document containing information on how to package a material for storage or pack a material for shipping. It contains material quantities, combinations of materials, and packaging work steps.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Condition records are automatically selected from the source system.

> **i Note**
>
> This migration object is for warehouse-independent settings. Unlike the other migration objects in the SCM-EWM component, no warehouse number is required.
>
> Warehouse-independent condition records can be migrated at the same time as one set of warehouse-dependent conditions records.

In Scope

The following applications as condition techniques are set for migration to SAP S/4HANA:

- `DPP` (EWM - Scheduling PPF Actions of the Delivery), with usage `DP`
- `PAK` (Pack. Specification)

Out of Scope

All applications and usages that are not listed as being in scope.

Prerequisites

For a consistent migration, you have ensured that all relevant customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the **target system**:

- Warehouse numbers
- Supply chain unit
- Means of transport
- Packing materials
- Staging area groups
- Staging areas
- Staging bay and doors
- TU profiles
- Routes
- Application names
- Output devices
- Users

It is important to check the existence of tables for custom condition types in the target system, as well as to compare the table structures in the source and target systems. They should be identical.

You have migrated or defined settings in the following migration objects:

- Production supply area
- Route
- Work center dependent settings
- Warehouse storage bin
- Warehouse product

> **i** Note
>
> This is the complete list of relevant migration objects. The actual number of predecessors depends on which condition types are selected for migration.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SAPCND/CM` (Condition Technique: Condition Maintenance (Generic Part))
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_RLT` (Business Partner: BP Roles)

Technical Information

Name of this migration object: `S4_EWM_COND_REC`

This migration technique posts data to the target system using the standard function module for condition tables (`/SAPCND/DBA_UPDATE_FROM_FWS_DB`).

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate condition records (warehouse independent)	All instances of this migration object are relevant to the transfer option.	Migrate condition records (warehouse independent)	Migrates warehouse-independent condition records to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_COND_REC`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*	*Application*
Maintain Condition Records for PPF Schedule Conditions	/SCWM/DLVPPFC	`DPP` (usage `DP`)
Condition Maintenance	/SCWM/PSCT6	`PAK`

1.242 Condition records (warehouse dependent)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate warehouse-dependent condition records (applications: CON, DPP, PHU, PPI, PWO, TWP, WME) from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Condition records are data records with input and output values for a task. The output values are dependent on chosen input values (for example, customer, customer group, product) and are valued for a certain time period. For example, there are condition records in Extended Warehouse Management (EWM) that allow you to control how the system schedules Post Processing Framework actions (PPF actions) for delivery processing.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration from SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Condition records are automatically selected from the source system using migration-relevant warehouse numbers as a filter.

> **i Note**
>
> Warehouse-dependent condition records can only be migrated for one warehouse at a time.

In Scope

The following applications as condition techniques are set for migration to SAP S/4HANA:

- `CON` (Slotting)
- `DPP` (EWM - Scheduling PPF Actions of the Delivery), with usage `DP`
- `PHU` (EWM - Print Handling Unit)
- `PPI` (EWM - PI: Find Printer)
- `PWO` (EWM - Print Warehouse Order)
- `TWP` (EWM - Transit Warehousing Putaway)
- `WME` (Wave Template Determination)

Out of Scope

All applications and usages that are not listed as being in scope.

Prerequisites

For a consistent migration, you have ensured that all relevant customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the **target system**:

- Warehouse numbers
- Supply chain unit
- Means of transport

- Packing materials
- Staging area groups
- Staging areas
- Staging bay and doors
- TU profiles
- Routes
- Application names
- Output devices
- Users

It is important to check the existence of tables for custom condition types in the target system, as well as to compare the table structures in the source and target systems. They should be identical.

You have migrated or defined settings in the following migration objects:

- Production supply area
- Route
- Work center dependent settings
- Warehouse storage bin
- Warehouse product

> **i Note**
>
> This is the complete list of relevant migration objects. The actual number of predecessors depends on which condition types are selected for migration.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SAPCND/CM` (Condition Technique: Condition Maintenance (Generic Part))
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_RLT` (Business Partner: BP Roles)

Technical Information

Name of this migration object: `S4_EWM_COND_REC_WH`

This migration technique posts data to the target system using the standard function module for condition tables (`/SAPCND/DBA_UPDATE_FROM_FWS_DB`).

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate condition records (warehouse dependent)	All instances of this migration object are relevant to the transfer option.	Migrate condition records (warehouse dependent)	Migrates warehouse-dependent condition records to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_COND_REC_WH`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can display your migrated data to verify that all of the attributes are present.

Activity	*Transaction Code*	*Application*
Maintain Condition Records for PPF Schedule Conditions	/SCWM/DLVPPFC	DPP
Condition Maintenance for Slotting	/SCWM/GCMC	CON
Maintain Condition Records for Bin Determination	/SCWM/PUT_TW_WT_GC	TWP
Maintain Conditions for Determining Wave Templates	/SCWM/WDGCM	WME

1.243 Sample-drawing procedure

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate sample-drawing procedures from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	A sample-drawing procedure regulates how and when samples are taken and formed for quality inspections. A sample-drawing procedure is made up of multiple sample-drawing units. In a sample-drawing procedure, you specify the following details: • Time or quantity interval at which samples are to be taken, or the containers from which samples are to be taken • Sample-drawing instructions
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration SAP EWM to Decentralized EWM based on SAP S/4HANA

> **Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Sample-drawing procedures are automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Sample-drawing procedures that are not locked
- Sample-drawing units
- Sample-drawing instructions

Out of Scope

- Sample-drawing procedures that are locked

Prerequisites

Not relevant.

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCMB/SFUN` (Special Functions SCM Basis)
- `QIE_SDRW` (QIE - Sample-Drawing Procedure)

Technical Information

Name of this migration object: `S4_EWM_SAMP_DRWP`

Name of the class used in this migration object:

`CL_QIE_SETUP_MANAGER` (QIE Setup Manager)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate sample-drawing procedures	All instances of this migration object are relevant to the transfer option.	Migrate sample-drawing procedures	Migrates sample-drawing procedures to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_SAMP_DRWP`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Sample-Drawing Procedure	/SCWM/QSDRWP

Available Migration Objects [page 2] in SAP S/4HANA.

1.244 Miscellaneous EWM master data settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate miscellaneous EWM master data settings from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Assorted settings, including settings for warehouse orders and for billing, that are used when implementing EWM and for processing transactional data.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Miscellaneous EWM master data settings are automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i** Note
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Additional attributes for activity areas, including the assignment of a start and an end storage bin
- Warehouse costs and FTE data
- Storage bin assignments for VAS consumption posting
- Snapshot settings (billing)
- Control parameters for warehouse order creation
- Packaging material specifications for collective HUs
- Packaging material assignments to products
- Algorithm profiles for cartonization planning determination
- Bin determination settings for inbound and outbound goods movements
- Assignment of warehouse and party entitled to dispose to customs ID
- User assignments to exception profiles

See the validation activities below for the relevant transactions in the source system.

Out of Scope

- Warehouse number assignment to supply chain unit and to business partners

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing is available in the **target system**:

- Warehouse numbers
- Users
- Sorting rules
- Currencies

- Package types
- Layers
- Units of measure

> **i Note**
>
> For this migration object, you must also ensure that products are already available in the target system.

You have migrated or defined settings in the following migration objects:

- Warehouse storage bin
- Carrier profile
- Route
- Work center dependent settings

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `S_TABU_DIS` (Table Maintenance, using standard tools such as SM30)
- `S_TABU_LIN` (Authorization for Organizational Unit)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)
- `B_BUPA_RLT` (Business Partner: BP Roles)
- `/SCWM/COST` (EWM Warehouse Costs and FTE Data)
- `/SCWM/VM` (EWM Warehouse Specific View Maintenance)

Technical Information

Name of this migration object: `S4_EWM_MISCELLANEOUS_SETT`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate miscellaneous EWM settings	All instances of this migration object are relevant to the transfer option.	Migrate miscellaneous EWM settings	Migrates miscellaneous EWM settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_MISCELLANEOUS_SETT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Assign User to Exception Code Profile	/SCWM/EXCUSERID
Assign Warehouse Number/Party Authorized to Customs ID	/SCWM/GTS_MAPWH

Maintain Goods Movement Bin Determination	/SCWM/GMBIN_DET
Determine Algorithm Profiles for Cartonization Planning	/SCWM/CAPPDET
Assign Packaging Materials to Products	/SCWM/CAP_PB_PKG_ASS
Specify Packaging Materials for Collective HUs	/SCWM/PMATCOHU
Set Up Control Parameters for Warehouse Order Creation	/SCWM/WOLOG
Settings for Snapshots	/SCWM/WB_SNAP_SET
Assign Storage Bins for VAS Consumption Posting	/SCWM/73000001
Maintain Warehouse Cost and FTE Data	/SCWM/WHCOST
Assign Start/End Storage Bin for Activity Area	/SCWM/SEBA

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.245 RFID settings

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate RFID settings from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Radio frequency identification (RFID) technology enables contact-free identification, control, and tracking of packaged products and handling units by using RFID labels with integrated RFID tags.

Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i** Note
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

RFID settings are automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i** Note
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

Settings from the following transactions are set for migration to SAP S/4HANA:

- *Disallow RFID Goods Movements*
- *Encode RFID Transponder for Resource*

Out of Scope

Settings from the following transactions are out of scope:

- *Enhance Print Condition Tables for RFID Printer*
- *Determine RFC Connection for SAP AII Communication*

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the **target system**:

- Warehouse numbers
- RFC destinations

- Business partners

You have migrated or defined settings in the following migration objects:

- Resource and user maintenance

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object to the user:

`S_TABU_NAM` (Table Access by Generic Standard Tools)

Technical Information

Name of this migration object: `S4_EWM_RFID`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate RFID settings	All instances of this migration object are relevant to the transfer option.	Migrate RFID settings	Migrates RFID settings to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_RFID`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Disallow RFID Goods Movements	/SCWM/RFID_POST
Encode RFID Transponder for Resource	/SCWM/RFID_RSRC

Available Migration Objects [page 2] in SAP S/4HANA.

1.246 Wave templates

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate wave templates from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using a function module.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	The wave template is a schema that defines the attributes of all the waves that are based on it. Wave templates serve as the infrastructure for automatic wave assignment. They enable the same wave attributes to be reused for different warehouse request items that comply with the same conditions.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Wave template data is automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Wave templates

Out of Scope

Not relevant.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the **target system**:

- Warehouse numbers
- Wave types
- Wave categories

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCWM/WAV1` (EWM Wave Templates, Condition Records for Wave Template Det.)
- `/SCWM/WAV2` (EWM Waves)
- `S_TABU_NAM` (Table Access by Generic Standard Tools)

Technical Information

Name of this migration object: `S4_EWM_WAVE_TMPLT`

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate wave templates	All instances of this migration object are relevant to the transfer option.	Migrate wave templates	Migrates wave templates to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_WAVE_TMPLT`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Wave Templates	/SCWM/WAVETMP

Available Migration Objects [page 2] in SAP S/4HANA.

1.247 Quality inspection rules

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate quality inspection rules from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system within class `/SCWM/CL_MIG_QI_RULE_API`, which uses the service for inspection rule settings (`/SCWM/CL_QRSETUP`.

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data
Business Object Definition	Inspection rules are the guidelines for creating an inspection object (inspection procedure). This includes: • The data for determining the inspection scope (inspection procedure, sampling procedure) • The inspection frequency (dynamic modification) • The inspection decision codes Required documents such as inspection instructions can be appended to an inspection rule. Inspection rules are used to determine whether a delivery item or stock item is relevant for inspection.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Quality inspection rules are automatically selected from the source system using the migration-relevant warehouse number as a filter.

> **i Note**
>
> It is only possible to migrate data for one warehouse number in a single migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Warehouse-dependent quality inspection rules

Out of Scope

- Cross-warehouse quality inspection rules
- Quality inspection rules that are assigned to an inspection object type (IOT) that isn't active

- Documents that are attached to a quality inspection rule
  All documents should be created and added manually after the quality inspection rules are migrated.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the **target system**:

- Warehouse numbers
- Quality inspection groups
- Location-independent stock types
- Warehouse-dependent inspection object types

For this migration object, you must also ensure that products, business partners, and parties entitled to dispose are already available in the target system.

You have migrated or defined settings in the following migration objects:

- Sample-drawing procedure

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCMB/SFUN` (Special Functions SCM Basis)
- `/SCWM/MO` (EWM Monitoring Activities)
- `/SCWM/QSUP` (EWM Inspection Settings)
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_RLT` (Business Partner: BP Roles)
- `C_APO_PROD` (APO Authorization Object: Master Data, Products)
- `QIE_IRULE` (QIE Inspection Rule)
- `QIE_SDRW` (QIE - Sample-Drawing Procedure)

Technical Information

Name of this migration object: `S4_EWM_QI_RULE`

Names of the classes used in this migration object:

- `/SCWM/CL_QRSETUP` (Service for Inspection Rule Settings)

- `/SCWM/CL_MIG_QI_RULE_API` (Quality Inspection Rule migration API)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate quality inspection rules	All instances of this migration object are relevant to the transfer option.	Migrate quality inspection rules	Migrates quality inspection rules to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_QI_RULES`
Update structural rules	All instances of this migration object are relevant to the transfer option.	Update structural rules	Updates structural rules.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_QI_RULES_UPDATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Inspection Rule	/SCWM/QRSETUP

Available Migration Objects [page 2] in SAP S/4HANA.

1.248 Quality inspection rules (cross-warehouse)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate cross-warehouse quality inspection rules from the source EWM system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system within class `/SCWM/CL_MIG_QI_RULE_API`, which uses the service for inspection rule settings (`/SCWM/CL_QRSETUP`).

Business Object Component/Area	Component: SCM-EWM
Business Object Type	Master data

Business Object Definition	Inspection rules are the guidelines for creating an inspection object (inspection procedure). This includes: • The data for determining the inspection scope (inspection procedure, sampling procedure) • The inspection frequency (dynamic modification) • The inspection decision codes Required documents such as inspection instructions can be appended to an inspection rule. Inspection rules are used to determine whether a delivery item or stock item is relevant for inspection.
Migration Approach	Direct Transfer - EWM

Available Scenarios

Migration SAP EWM to Decentralized EWM based on SAP S/4HANA

> **i Note**
>
> The use of this scenario isn't supported for migration to Extended Warehouse Management embedded in SAP S/4HANA.

Selection Criteria

Cross-warehouse quality inspection rules are automatically selected from the source system.

> **i Note**
>
> Cross-warehouse quality inspection rules aren't assigned to a warehouse number. Nevertheless, you must enter a warehouse number for the migration project.

In Scope

The following data is set for migration to SAP S/4HANA:

- Cross-warehouse quality inspection rules

Out of Scope

- Warehouse-dependent quality inspection rules
- Quality inspection rules that are assigned to an inspection object type (IOT) that isn't active
- Documents that are attached to a quality inspection rule
  All documents should be created and added manually after the quality inspection rules are migrated.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure that the following Customizing is available in the **target system**:

- Inspection object types
- Quality inspection groups
- Location-independent stock types

For this migration object, you must also ensure that products, business partners, and parties entitled to dispose are already available in the target system.

You have migrated or defined settings in the following migration objects:

- Sample-drawing procedure

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization objects to the user:

- `/SCMB/SFUN` (Special Functions SCM Basis)
- `/SCWM/MO` (EWM Monitoring Activities)
- `/SCWM/QSUP` (EWM Inspection Settings)
- `B_BUPA_GRP` (Business Partner: Authorization Groups)
- `B_BUPA_RLT` (Business Partner: BP Roles)
- `C_APO_PROD` (APO Authorization Object: Master Data, Products)
- `QIE_IRULE` (QIE Inspection Rule)
- `QIE_SDRW` (QIE - Sample-Drawing Procedure)

Technical Information

Name of this migration object: `S4_EWM_QI_RULE_CW`

Names of the classes used in this migration object:

- `/SCWM/CL_QRSETUP` (Service for Inspection Rule Settings)
- `/SCWM/CL_MIG_QI_RULE_API` (Quality Inspection Rule migration API)

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate quality inspection rules (cross-warehouse)	All instances of this migration object are relevant to the transfer option.	Migrate quality inspection rules (cross-warehouse)	Migrates cross-warehouse quality inspection rules to the decentralized EWM on SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_QI_RULES`
Update structural rules	All instances of this migration object are relevant to the transfer option.	Update structural rules	Updates structural rules.	All instances that qualify for this transfer option are relevant to the transfer step.	Not relevant	Not relevant	`/SCWM/MC_QI_RULES_UPDATE`

Accessing SAP Fiori Apps from the Migrate Your Data app

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4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Maintain Inspection Rule	/SCWM/QRSETUP

Available Migration Objects [page 2] in SAP S/4HANA.

1.249 FI - Accounts payable open item (tax line) (Customer-specific)

(Deprecated)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts payable open items from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Payable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Payable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Accounts payable are liabilities currently owed by a person or business. The Accounts Payable application component records and administers accounting data for all vendors. Accounts payable open items are those items that are yet to be cleared.

Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts payable open items from the `BSIK` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Documents containing **only** vendor open items, which were created in the source system.

  > **i** Note
  >
  > The vendor open item lines are recorded in the BSIK table.

- Complete invoices including tax lines
- The General Ledger view from the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

  > **i** Note
  >
  > If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

> **i** Note
>
> Document splitting is available if you have ensured that document splitting is active for the specified company codes in both source and target systems.

Out of Scope

- Vendor noted items
- Down payment requests
- Customer-specific split characteristics
- Documents containing line items with the *Open Item Managed Account* field (`XOPVW`) set to "X" in the `BSIS` table. (This data is migrated using the **FI - G/L open item (tax line)** migration object.)
- Documents containing line items with the *Open Item Managed Account* field (`XOPVW`) set to "X" in the `BSID` table. (This data is migrated using the **FI - G/L open item (tax line)** migration object.)

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys related to currency types belonging to different organizational units match in the source and target systems
- Tax codes, tax rates, and any tax-related Customizing match in the source and target systems
- Sales/purchase tax codes and accounts match in the source and target systems
- Customizing for withholding tax codes and accounts match in the source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- FI - G/L account
- FI - G/L open item (tax line)
- Supplier

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AP_OI_NEW_GL_V2`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`FLTR_TAXL`: To filter tax lines

Note that virtual tables do not exist in the database.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	FB01
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.250 FI - Accounts receivable open item (tax line) (Customer-specific)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts receivable open items from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Receivable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* Component: FI

Business Object Type	Transactional data
Business Object Definition	Open items are items that are not yet cleared. The Accounts Receivable application component records and administers accounting data for all customers. Accounts Receivable open items, are also known as Customer open items.
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts receivable open items from the `BSID` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Documents with customer open items
- Documents with a mix of customer and vendor open items
- The General Ledger view from the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i Note**
>
> If additional local currencies are assigned to company codes only in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Customer noted items
- Down payment requests
- Customer-specific split characteristics
- Documents containing line items with the *Open Item Managed Account* field (`XOPVW`) set to "X" in the `BSIS` table. (This data is migrated using the **FI - G/L open item (tax line)** migration object.)

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Sale and purchase tax codes and accounts match in the source and target systems
- Withholding tax codes and accounts match in the source and target systems
- Currency type and currency key of the controlling area assigned to the source and target company codes should match
- Currency keys related to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Profit center
- CO - Secondary cost element
- Customer
- Exchange rate
- FI - G/L account
- FI - G/L open item (tax line)

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AR_OI_NEW_GL_V2`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`FLTR_TAX`: To store tax line data

Note that virtual tables do not exist in the database.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	FB01
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.251 FI - G/L Account balance (w/o tax account) (Customer-specific)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L account balance data (for the current fiscal year) from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **G/L Account Balance**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Account* > *Display Balances (New)* Component: FI

Business Object Type	Transactional data
Business Object Definition	The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balances: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater)
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object automatically selects the following data for the company codes you specified when defining the migration scope:

All G/L account balances from the `FAGLFLEXT` table belonging to non-open item managed accounts and profit & loss accounts

Additional selection criteria

The following fields in the G/L account are set to space:

- *Open-Item Managed* (`XOPVW`)
- *Account is Reconciliation Account* (`MITKZ`)
- *Clearing Specific to Ledger Groups* (`XLGCLR`)

In Scope

The following data is set for migration to SAP S/4HANA:

- G/L Account balances belonging to leading and non-leading ledgers that are assigned to the participating company codes.
- As-is values of any additional local currencies that are customized in the source system **only** if the same currencies are defined in the target system for company codes.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, and not in the source system, the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax account balances

- External number ranges

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- The leading and non-leading ledgers assigned to the specified company codes match in both the source and target systems.
- You have created and activated the `ACC_DOCUMENT` BAdI implementation in the target system. Please see SAP Note **2717381** for information about BAdI implementations.
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys assigned to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- FI - G/L account
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_GL_ACC_BALANCE_NEW_GL_V2`

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Account Balance (New G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Account Balance	Posts G/L account balance in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view for the object. However, this code also has some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	FAGLB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.252 FI - Ledger group specific open item (tax line) (Customer-specific)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate ledger specific data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	You can use the function for all items that, due to parallel accounting, are posted to multiple ledgers and valuated differently in those ledgers, in particular for provisions (such as provisions for commission or process risks, or provisions for creating and checking year-end closing).
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All ledger group-specific open items from the FAGLBSIS table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Ledger group-specific postings
- General ledger views
- Tax lines
- Header data
- Splitting data
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

Note that the information give here is not exhaustive.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- G/L account to post offsetting lines
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.

> **i** Note
>
> Create and activate the ACC_DOCUMENT BAdI implementation in the target system. For more information, see SAP Note 2717381.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- FI - G/L account
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_GL_OI_LED_SPEC_NEW_GL_V2`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`LEDGER`: To retrieve the entry views for the document.

Note that virtual tables do not exist in the database.

Post-Processing

Follow-On Activities

Deactivate the BAdI implementation after migration and before creating any new documents in the target system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	FB50L
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.253 FI - G/L open item (tax line) (Customer-specific)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L open item data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	G/L open item records contain the open items posted to an open item managed account. Accounts that are managed on an open item basis include: • Bank clearing account • Payroll clearing account • Cash discount clearing account • GR/IR clearing account
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All G/L open items from the `BSIS` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Line items of open item managed accounts including G/L open items, customer/vendor open items, or a combination
- General ledger views from the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

Note that the information give here is not exhaustive.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Clearings specific to ledger groups
- Postings in non-leading ledgers

Note that the information give here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- Sales/purchase tax codes and accounts
- Withholding tax codes and accounts match in the source and target systems
- Currency type and currency key of the controlling area assigned to the source and target company codes should match.
- Currency keys associated to currency types assigned to different organizational units should be same in source and target system.

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- FI - G/L account
- Fixed asset (including balance)
- PS - Network
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_GL_OI_NEW_GL_V2`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`FLT_TAXLN`: To retrieve the tax line items in the document.

Note that virtual tables do not exist in the database.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	FB50
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.254 FI - Accounts payable open item (tax line) (Customer-specific) (AFS)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate material master data from the source ERP system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Material Master**

Business Object Component/Area	User Menu Path: *Logistics* > *General* > *Material Master* Component: LO-MD-MM
Business Object Type	Master data
Business Object Definition	Material master data records contain all the basic information required to manage a material. This data is sorted according to various criteria including data of a descriptive nature (such as size, dimension and weight) and data with a control function (such as material type and industry sector). In addition, some data can be maintained directly by the user.
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object derives plants from the company codes you specified when defining the migration scope. This migration object automatically selects the materials from the MARC table for the derived plants.

Additional selection criteria

- Item 1
- Item 2

> **i Note**
>
> Enter text

All G/L accounts from the SKB1 table are automatically selected for the company codes that you specified when defining the migration scope.

Additional selection criteria

- Item 1
- Item 2

> **i Note**
>
> Enter text

This object is not delimited by the company codes specified when defining the migration scope.

Additional selection criteria

- Item 1
- Item 2

> **i Note**
>
> Enter text

In Scope

The following data is set for migration to SAP S/4HANA:

- Basic data
- Material description
- Material data at plant level
- Forecast parameters
- Storage location data
- Valuation data
- Warehouse data
- Sales data
- Storage type data
- Unit of measurement

- International article numbers
- Tax classification data
- Forecast values

> **i Note**
>
> Materials you set for deletion in the source ERP system are not migrated

Out of Scope

- Planning data
- Product resource tool (PRT) data

> **i Note**
>
> If you have multiple steps for migration, you can simulate only these features:
>
> - ABC
> - DEF
>
> The following features are out of scope for simulation:
>
> - TUV
> - XYZ
>
> During the migration phase, error may occur for features that were not in scope during simulation even though simulation was successful.

> **i Note**
>
> Validation of dependencies (such as customer and bank data business objects) is not carried out during migration of SEPA mandate data for these statuses:
>
> - Canceled
> - Locked
> - Obsolete
> - Completed

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- Customizing 1
- Customizing 2

Before you can start the migration process, for example, ensure the following Customizing in the source system:

- Customizing 1
- Customizing 2

You have migrated or defined settings in the following migration object:

- Profit center

Roles and Authorizations

Source System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_WRK` (Material Master: Plants)

Note that the information given here is not exhaustive.

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

To carry out the migration, assign the following role or roles to the user:

- `TECHNICAL NAME` (Descriptive name)
- `TECHNICAL NAME` (Descriptive name)

Note that the information given here is not exhaustive.

Target System

To carry out the migration, assign the following authorization object or objects to the user:

`M_MATE_WRK` (Material Master Plants)

Note that the information given here is not exhaustive.

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

To carry out the migration, assign the following role or roles to the user:

- `TECHNICAL NAME` (Descriptive name)
- `TECHNICAL NAME` (Descriptive name)

Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `S4_MM_MATERIAL_MASTER`

Name of the BAPI used in this migration object:

`BAPI_MATERIAL_SAVEREPLICA` Mass maintenance for Material Master Data

Virtual Tables

- `TECHNICAL NAME`: To
- Enter item

Post-Processing

Follow-On Activities

Adjust number ranges to the required values in the SAP S/4HANA system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	MM01
Change	MM02
Display	MM03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.255 FI - Accounts receivable open item (tax line) (Customer-specific) (AFS)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate accounts receivable open items from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **Accounts Receivable**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *Accounts Receivable* Component: FI
Business Object Type	Transactional data
Business Object Definition	Open items are items that are not yet cleared. The Accounts Receivable application component records and administers accounting data for all customers. Accounts Receivable open items, are also known as Customer open items.
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All accounts receivable open items from the `BSID` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Documents with customer open items
- Documents with a mix of customer and vendor open items
- The General Ledger view from the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system only if the same currencies are defined in the target system for the company codes

> **i** Note
>
> If additional local currencies are assigned to company codes only in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Customer noted items
- Down payment requests
- Customer-specific split characteristics
- Documents containing line items with the *Open Item Managed Account* field (`XOPVW`) set to "X" in the `BSIS` table. (This data is migrated using the **FI - G/L open item (tax line)** migration object.)

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account to post offsetting lines
- Sale and purchase tax codes and accounts match in the source and target systems
- Withholding tax codes and accounts match in the source and target systems
- Currency type and currency key of the controlling area assigned to the source and target company codes should match
- Currency keys related to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- CO - Profit center
- CO - Secondary cost element
- Customer
- Exchange rate
- FI - G/L account
- FI - G/L open item (tax line)

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_AR_OI_NEW_GL_V2`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`FLTR_TAX`: To store tax line data

Note that virtual tables do not exist in the database.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	FB01
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.256 FI - G/L account balance (w/o tax account) (Customer-specific) (AFS)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L account balance data (for the current fiscal year) from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **G/L Account Balance**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Account* > *Display Balances (New)* Component: FI

Business Object Type	Transactional data
Business Object Definition	The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balances: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater)
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

This migration object automatically selects the following data for the company codes you specified when defining the migration scope:

All G/L account balances from the `FAGLFLEXT` table belonging to non-open item managed accounts and profit & loss accounts

Additional selection criteria

The following fields in the G/L account are set to space:

- *Open-Item Managed* (`XOPVW`)
- *Account is Reconciliation Account* (`MITKZ`)
- *Clearing Specific to Ledger Groups* (`XLGCLR`)

In Scope

The following data is set for migration to SAP S/4HANA:

- G/L Account balances belonging to leading and non-leading ledgers that are assigned to the participating company codes.
- As-is values of any additional local currencies that are customized in the source system **only** if the same currencies are defined in the target system for company codes.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, and not in the source system, the system calculates the values of the local currencies in the target system.

Out of Scope

- Tax account balances

- External number ranges

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- The leading and non-leading ledgers assigned to the specified company codes match in both the source and target systems.
- You have created and activated the `ACC_DOCUMENT` BAdI implementation in the target system. Please see SAP Note **2717381** for information about BAdI implementations.
- Currency type and the currency key of the controlling area (assigned to the specified company codes) match in the source and target systems
- Currency keys assigned to currency types belonging to different organizational units match in the source and target systems

You have migrated or defined settings in the following migration objects:

- FI - G/L account
- CO - Secondary cost element
- CO - Cost center
- CO - Profit center

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_GL_ACC_BAL_NEW_GL_V2`

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance data

Note that virtual tables do not exist in the database.

Transfer Options, Transfer Steps, and Navigation to Configured SAP Fiori Apps

In the following table, you can view the transfer options and transfer steps for the migration object. You can also view the names of the relevant SAP Fiori apps configured for navigation from the Migrate Your Data app.

Transfer Option	*Condition to Execute Transfer Option*	*Transfer Step*	*Transfer Step Description*	*Condition to Execute Transfer Step*	*Result Fields in SAP S/4HANA*	*SAP Fiori App ID Configured for Navigation*	*Function Module*
Migrate G/L Account Balance (New G/L)	All instances of this migration object are relevant to the transfer option.	Post G/L Account Balance	Posts G/L account balance in the SAP S/4HANA system.	All instances that qualify for this transfer option are relevant to the transfer step.	• Company Code • Document Number • Fiscal Year	Manage Journal Entries (app ID F0717)	`BAPI_ACC_DOCUMENT_POST`

Accessing SAP Fiori Apps from the Migrate Your Data app

On the *Migration Object Instances* screen, choose *Migration Results* to view the step results. Click the step result to access the relevant SAP Fiori app.

If you face issues opening the app, you can use the SAP Fiori Apps Reference Library to determine the required information to access the relevant Fiori app.

1. Access the SAP Fiori Apps Reference Library by using the following link:https://fioriappslibrary.hana.ondemand.com/
2. Under *Categories*, choose *All apps*.
3. Select your app by using the search function. Alternatively, you can enter the app ID in the *Search* field. The *App Details* screen appears.
4. Choose the *Implementation Information* tab.
5. Expand the section *Configuration Information*. Here you can view the prerequisites for accessing the app, for example the required business roles.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view for the object. However, this code also has some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Display	FAGLB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.257 FI - Ledger group specific open item (tax line) (Customer-specific) (AFS)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate ledger specific data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	You can use the function for all items that, due to parallel accounting, are posted to multiple ledgers and valuated differently in those ledgers, in particular for provisions (such as provisions for commission or process risks, or provisions for creating and checking year-end closing).
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All ledger group-specific open items from the FAGLBSIS table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Ledger group-specific postings
- General ledger views
- Tax lines
- Header data
- Splitting data
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

Note that the information give here is not exhaustive.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

Not relevant

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- G/L account to post offsetting lines
- Currency type and currency key of the controlling area assigned to the source and target company codes must match
- Currency keys assigned to currency types belonging to different organizational units must be the same in source and target systems.

> **i** Note
>
> Create and activate the ACC_DOCUMENT BAdI implementation in the target system. For more information, see SAP Note 2717381.

You have migrated or defined settings in the following migration objects:

- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- FI - G/L account
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_GL_LED_SPEC_NEW_GL_V2`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`LEDGER`: To retrieve the entry views for the document.

Note that virtual tables do not exist in the database.

Post-Processing

Follow-On Activities

Deactivate the BAdI implementation after migration and before creating any new documents in the target system.

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	FB50L
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.258 FI - G/L open item (tax line) (Customer-specific) (AFS)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate G/L open item data from the source AFS system to the target SAP S/4HANA system based on the default selection criteria set for the migration object. This migration technique transfers data to the target system using Business Application Programming Interfaces (BAPIs).

Related Business Object: **General Ledger**

Business Object Component/Area	User Menu Path: *Accounting* > *Financial Accounting* > *General Ledger* > *Posting* Component: FI
Business Object Type	Transactional data
Business Object Definition	G/L open item records contain the open items posted to an open item managed account. Accounts that are managed on an open item basis include: • Bank clearing account • Payroll clearing account • Cash discount clearing account • GR/IR clearing account
Migration Approach	Direct Transfer

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All G/L open items from the `BSIS` table are automatically selected for the company codes that you specified when defining the migration scope.

In Scope

The following data is set for migration to SAP S/4HANA:

- Line items of open item managed accounts including G/L open items, customer/vendor open items, or a combination
- General ledger views from the `FAGLFLEXA` table
- As-is values of any additional local currencies customized in the source system **only** if the same currencies are defined in the target system for the company codes

Note that the information give here is not exhaustive.

> **i** Note
>
> If additional local currencies are assigned to company codes **only** in the target system, (and not in the source system), the system calculates the values of the local currencies in the target system.

Out of Scope

- Clearings specific to ledger groups
- Postings in non-leading ledgers

Note that the information give here is not exhaustive.

Prerequisites

For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.

Before you can start the migration process, for example, ensure the following Customizing in the target system:

- G/L account master data is available
- Sales/purchase tax codes and accounts
- Withholding tax codes and accounts match in the source and target systems
- Currency type and currency key of the controlling area assigned to the source and target company codes should match.
- Currency keys associated to currency types assigned to different organizational units should be same in source and target system.

You have migrated or defined settings in the following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- CO - Profit center
- CO - Secondary cost element
- Exchange rate
- FI - G/L account
- Fixed asset (including balance)
- PS - Network
- PS - Project

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_AFS_FI_GL_OI_NEW_GL_V2`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`FLT_TAXLN`: To retrieve the tax line items in the document.

Note that virtual tables do not exist in the database.

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Create	FB50
Change	FB02
Display	FB03

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.259 eSPP - Location

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the location master data from the source APO SPP to the target eSPP within SAP S/4HANA based on the global filter parameter set in the migration project. The supported location types are plant, distribution center and vendor. There is a separate migration object for the location type MRP area.

In eSPP within SAP S/4HANA the APO relevant tables for the location master data remain unchanged. The ECC data model for vendor on the other hand is replaced by a business partner in SAP S/4HANA. The purpose of this migration is to update the location master data tables by the location data transferred from the APO system.

Related Business Object: **Location**

Business Object Component/Area	Component: SCM-BAS-MD
Business Object Type	Master data
Business Object Definition	Place or organizational unit at which quantities of products or resources are managed. There are the following standard location types: • Production plant • Distribution center • MRP area • Vendor

Migration Approach	Direct Transfer - eSPP

Available Scenarios

Migration to eSPP within SAP S/4HANA.

Selection Criteria

The location types plant, distribution center and vendor are considered in the selection. Vendors are selected indirectly by considering only vendors with a valid transportation lane to the locations selected in the global filter.

In Scope

The following data is set for migration to eSPP within SAP S/4HANA:

- General location data
- Language dependent location descriptions

Out of Scope

- Locations with location type customer
- Locations with a simulation version

Prerequisites

- For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.
- The SAP S/4HANA migration/conversion for plants and vendors has already been performed. The corresponding plants and vendors already exist in the target system.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

> **i** Note
>
> Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `/SCMB/ESPP_MIG_LOCATION`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	/SAPAPO/LOC3
Display	/SAPAPO/LOC3

Available Migration Objects [page 2] in SAP S/4HANA.

1.260 eSPP - Product

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the product master data from the source APO SPP to the target eSPP within SAP S/4HANA based on the global filter parameter set in the migration project.

In eSPP within SAP S/4HANA the APO product master data has been unified with the ECC material master data. The purpose of this migration is to update the missing part of the material master data by the product master data from the APO system.

Related Business Object: **Product**

Business Object Component/Area	Component: SCM-BAS-MD
Business Object Type	Master data
Business Object Definition	Good that is the subject of business activity. A product is used, consumed or created during the production process.
Migration Approach	Direct Transfer - eSPP

Available Scenarios

Migration to eSPP within SAP S/4HANA.

Selection Criteria

Product master data to be migrated is automatically selected using products assigned to the migration-relevant plant(s) and its MRP area(s).

In Scope

The following data is set for migration to eSPP within SAP S/4HANA:

- General product data
- Assigned material group values
- SPP specific product data

Out of Scope

- Product master data in simulation version
- Products which are not assigned to any plants or its MRP area(s) selected in the global filter

Prerequisites

- For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.
- The SAP S/4HANA migration/conversion for materials has already been performed. The corresponding materials already exist in the target system.
- The report `PRD_SCM_GUID_CONVERSION` must be executed for materials with initial `SCM_MATID_GUID16` and `SCM_MATID_GUID22` in the table `MARA`.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

> **i** Note
>
> Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `/SCMB/ESPP_MIG_PRODUCT`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM02
Display	MM03

Available Migration Objects [page 2] in SAP S/4HANA.

1.261 eSPP - MRP Area

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the location master data for the location type MRP area from the source APO SPP to the target eSPP within SAP S/4HANA based on the global filter parameter set in the migration project.

In eSPP within SAP S/4HANA the APO relevant tables for the location master data remain unchanged. The ECC data model for vendor on the other hand is replaced by a business partner in SAP S/4HANA. The purpose of this migration is to update the location master data tables for location type MRP area by the data transferred from the APO system.

Related Business Object: **Location**

Business Object Component/Area	Component: SCM-BAS-MD
Business Object Type	Master data
Business Object Definition	Place or organizational unit at which quantities of products or resources are managed. There are the following standard location types: • Production plant • Distribution center • MRP area • Vendor
Migration Approach	Direct Transfer - eSPP

Available Scenarios

Migration to eSPP within SAP S/4HANA.

Selection Criteria

The location type MRP area is considered in the selection.

In Scope

The following data is set for migration to eSPP within SAP S/4HANA:

- General location data
- Language dependent location descriptions

Out of Scope

Locations with a simulation version.

Prerequisites

- For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.
- The SAP S/4HANA migration/conversion for MRP areas has already been performed. The corresponding MRP area already exists and assigned to a plant in the target system.
- You have migrated or defined settings in the eSPP - Location [page 1029] migration object.

Roles and Authorizations

Source System

Not relevant

Target System

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

> **i Note**
>
> Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `/SCMB/ESPP_MIG_LOCATION`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	/SAPAPO/LOC3
Display	/SAPAPO/LOC3

Available Migration Objects [page 2] in SAP S/4HANA.

1.262 eSPP - Location Product

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the location product master data from the source APO SPP to the target eSPP within SAP S/4HANA based on the global filter parameter set in the migration project.

In eSPP within SAP S/4HANA the APO product master data has been unified with the ECC material master data. The purpose of this migration is to update the missing part of the plant relevant material master data by the location product master data from the APO system.

Related Business Object: **Location Product**

Business Object Component/Area	Component: SCM-BAS-MD
Business Object Type	Master data
Business Object Definition	A product assigned to a specific location.
Migration Approach	Direct Transfer - eSPP

Available Scenarios

Migration to eSPP within SAP S/4HANA.

Selection Criteria

Location product data to be migrated is automatically selected using migration-relevant plant(s) and its MRP area(s).

In Scope

The following data is set for migration to eSPP within SAP S/4HANA:

- General location product data
- MRP location product data
- SPP specific location product data
- Location product planner assignment data

Out of Scope

- Products which are not assigned to any of the plants selected in the global filter
- Location products for location type vendor and customer
- Location products in simulation version.

Prerequisites

- For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.
- The SAP S/4HANA migration/conversion for materials has already been performed. The corresponding plant relevant material view exists and the extended SPP flag is set in the target system.
- The report `PRD_SCM_GUID_CONVERSION` must be executed for materials with initial `SCM_MATID_GUID16` and `SCM_MATID_GUID22` in the tables `MARC` or `MDMA`.
- You have migrated or defined settings in the following migration objects:
  - eSPP - Location [page 1029]
  - eSPP - Product [page 1031]
  - eSPP - MRP Area [page 1033]

Roles and Authorizations

Source System

Not relevant

Target System

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

> **i** Note
>
> Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `/SCMB/ESPP_MIG_LOC_PRODUCT`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	MM02
Display	MM03

Available Migration Objects [page 2] in SAP S/4HANA.

1.263 eSPP - Transportation Lane

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the transportation lane with the corresponding source of supply master data from the source APO SPP to the target eSPP within SAP S/4HANA based on the global filter parameter set in the migration project.

In eSPP within SAP S/4HANA the APO data model for the transportation lane, source of supply and external procurement remains unchanged. The purpose of this migration is to update the corresponding tables with the data transferred from the APO system.

Related Business Object: **Transportation Lane**

Business Object Component/Area	Component: SCM-BAS-MD
Business Object Type	Master data
Business Object Definition	A transportation route between two locations in a supply chain model.
Migration Approach	Direct Transfer - eSPP

Available Scenarios

Migration to eSPP within SAP S/4HANA.

Selection Criteria

Transportation lane data to be migrated is automatically selected using migration-relevant plant(s).

In Scope

The following data is set for migration to eSPP within SAP S/4HANA:

- Transportation lane data
- Means of transport data
- Source of supply data
- External procurement data

Out of Scope

- Transportation lanes which are not connected to any location selected by the global filter
- Means of transport which are not assigned to any selected transportation lane
- Source of supply without a corresponding transportation lane
- External procurement without a corresponding source of supply

Prerequisites

- For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.
- The location and product master data must be migrated first. Transportation lanes containing locations which are not migrated will not be migrated.
- You have migrated or defined settings in the following migration objects:
  - eSPP - Location Product [page 1036]

Roles and Authorizations

Source System

Not relevant

Target System

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

> **i** Note
>
> Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `/SCMB/ESPP_MIG_TRANSP_LANE`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	/SAPAPO/SCC_TL1
Display	/SAPAPO/SCC_TL1

Available Migration Objects [page 2] in SAP S/4HANA.

1.264 eSPP - Bill of Distribution (BoD)

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the bill of distribution (BoD) master data from the source APO SPP to the target eSPP within SAP S/4HANA based on the global filter parameter set in the migration project.

In eSPP within SAP S/4HANA the APO data model for the bill of distribution remains unchanged. The purpose of this migration is to update the corresponding tables with the data transferred from the APO system.

Related Business Object: **Bill of Distribution**

Business Object Component/Area	Component: SCM-BAS-MD
Business Object Type	Master data

Business Object Definition	Hierarchically structured network of locations predefining the distribution routes for products within Service Parts Planning (SPP).
Migration Approach	Direct Transfer - eSPP

Available Scenarios

Migration to eSPP within SAP S/4HANA.

Selection Criteria

Bill of distribution data to be migrated is automatically selected using migration-relevant plant(s).

In Scope

The following data is set for migration to eSPP within SAP S/4HANA:

- Bill of distribution data
- BoD assignment to the active model

Out of Scope

- BoD assignment to a simulation model

Prerequisites

- For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.
- The transportation lane master data must be migrated first.
- You have migrated or defined settings in the following migration objects:
  - eSPP - Transportation Lane [page 1038]

Roles and Authorizations

Source System

Not relevant

Target System

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

> **i** Note
>
> Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `/SCMB/ESPP_MIG_BOD`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	/SAPAPO/BOD001
Display	/SAPAPO/BOD001

Available Migration Objects [page 2] in SAP S/4HANA.

1.265 eSPP - Product BoD Assignment

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

This migration object enables you to migrate the product bill of distribution (BoD) assignment data data from the source APO SPP to the target eSPP within SAP S/4HANA based on the global filter parameter set in the migration project.

In eSPP within SAP S/4HANA the APO data model for the BoD assignment remains unchanged. The purpose of this migration is to update the corresponding tables with the data transferred from the APO system.

Related Business Object: **Product BoD Assignment**

Business Object Component/Area	Component: SCM-BAS-MD
Business Object Type	Master data
Business Object Definition	Product assignment to a hierarchically structured network of locations.
Migration Approach	Direct Transfer - eSPP

Available Scenarios

Migration to eSPP within SAP S/4HANA.

Selection Criteria

Product BoD assignment data to be migrated is automatically selected using migration-relevant plant(s).

In Scope

The following data is set for migration to eSPP within SAP S/4HANA:

- Product BoD assignment data

Out of Scope

- Product BoD assignment in simulation version
- Product BoD assignment in the past

Prerequisites

- For a consistent migration, you have ensured that all relevant Customizing for the migration object is available in the target SAP S/4HANA system.
- The bill of distribution master data must be migrated first.
- You have migrated or defined settings in the following migration objects:
  - eSPP - Bill of Distribution (BoD) [page 1040]

Roles and Authorizations

Source System

Not relevant

Target System

To carry out data migration, assign table maintenance or table access authorizations and enter the relevant values for the migration user.

> **i** Note
>
> Note that the information given here is not exhaustive.

Technical Information

Name of this migration object: `/SCMB/ESPP_MIG_BOD_PRODUCT`

Post-Processing

Follow-On Activities

Not relevant

How to Validate your Data in the System

With the transaction codes shown below, you can change the view and maintain the object. However, these codes also have some built-in validation capabilities that you can use for checks.

Activity	*Transaction Code*
Change	/SAPAPO/PROD2BOD_M
Display	/SAPAPO/PROD2BODDISP

Available Migration Objects [page 2] in SAP S/4HANA.

1.266 *PRA - Allocation cross reference*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAAllocationCrossRef (IS-OIL-PRA-REV-CA)
Business Object Type	Master data

Business Object Definition	Production and Revenue Accounting (PRA)'s Allocation Cross Reference (ACR) defines Contractual Allocation's allocation rules that are necessary for allocating gas plant residue volumes as well as the marketing group contract percentages.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Contract [page 1073]
- PRA - Well and well completion [page 1068]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Allocation Header (mandatory)	
2		Allocation Detail (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3U_CA023	*Browse/Display Allocation Cross Reference*

Available Migration Objects [page 2] in SAP S/4HANA.

1.267 *PRA - Chemical analysis data*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAChemicalAnalysis (IS-OIL-PRA-REV-CA)
Business Object Type	Master data
Business Object Definition	Production and Revenue Accounting (PRA)'s Chemical Analysis Gas Plant Analysis assigns chemical analysis records at specific measurement points. Chemical Analysis data provides an exact data on the chemical makeup of material that flows through a measurement point to be saved and to be used during pricing.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Well and well completion [page 1068]
- PRA - Extend existing supplier by PRA data [page 1067]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Chemical Analysis Header (mandatory)	
2		WC-MP Cross Reference (mandatory)
2		Gas Analysis (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction /PRA/CA_GA_WP2	*Chemical Analysis Data*

Available Migration Objects [page 2] in SAP S/4HANA.

1.268 *PRA - MP-WC to contract cross reference*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAMeasPtContractCrossRef (IS-OIL-PRA-REV-CA)
Business Object Type	Master data
Business Object Definition	Production and Revenue Accounting (PRA)'s Measurement Point (MP) to Transporter and Contracts Cross Reference represents a link between a Transporter, is a third party who picks up and delivers the product to a purchaser, with a specific MP and Contract on an effective dated basis.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - MP/WC transporter cross reference [page 1070]
- PRA - Contract [page 1073]
- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Well and well completion [page 1068]

Validity Period and Dependencies

This object cannot have effective dates beyond the validity period of the prerequisite objects.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	MP-WC to Contract Xref (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3UCA_TRNCT	*MP/WC Transporter to CT Xref*

Available Migration Objects [page 2] in SAP S/4HANA.

1.269 *PRA - Remitter to DOI cross reference*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRARemitterDOICrossRef (IS-OIL-PRA-REV-CI)
Business Object Type	Master data
Business Object Definition	Production and Revenue Accounting (PRA)'s Remitter to Division of Interest (DOI) cross reference represents a relationship of Remitter to a Division of Interest (DOI) on an effective dated basis. PRA's Check Input Processing uses Remitter to DOI cross reference to derive PRA product based on Remitter's Product & PRA's DOI based on Remitter Property.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Comment related to Remitter DOI Xref
2. Special Distribution related to DOI Xref

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Division order interest [page 1058]
- CO - Cost center [page 1345]
- PRA - Check input process rule [page 1051]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Remitter to DOI Xref (Mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction /PRA/CI_PDX	*Remitter/DOI Cross-Reference*

Available Migration Objects [page 2] in SAP S/4HANA.

1.270 *PRA - Check input process rule*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRACheckInputProcessRule (IS-OIL-PRA-REV-CI)
Business Object Type	Master data
Business Object Definition	Production and Revenue Accounting (PRA)'s Check Input process rules define processing rules to be used if it is necessary to manipulate check field values when a remitter's check is processed in PRA's Check Input Valuation processing.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing customer by PRA data [page 1057]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Rule Header (Mandatory)	
2		Rule Entries (Mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction /PRA/CI_PROCESSRULES	*Process Rules*

Available Migration Objects [page 2] in SAP S/4HANA.

1.271 *PRA - Check input translation*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRACheckInputTranslation (IS-OIL-PRA-REV-CI)
Business Object Type	Master data
Business Object Definition	Production and Revenue Accounting (PRA)'s Check Input Translation rules define a method to translate remitter values into related PRA values.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing customer by PRA data [page 1057]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Property Translation (Mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction /PRA/CI_TRANSLATIONS	*Translations*

Available Migration Objects [page 2] in SAP S/4HANA.

1.272 *PRA - Account entry control*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAAccountingControlRecord (IS-OIL-PRA-REV-JE)
Business Object Type	Master data
Business Object Definition	Production and Revenue Accounting (PRA)'s Accounting Control Record defines account attributes and links them to a specific accounting category. This allows to create more than one account per account category needed for booking Oil and Gas Revenue Accounting records.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing supplier by PRA data [page 1067]
- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- PRA - Contract [page 1073]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Account Entry Control (Mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction /PRA/ACCT_ENTRY	*Account Entry Control*

Available Migration Objects [page 2] in SAP S/4HANA.

1.273 *PRA - Journal entry open balance*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRARevenueAccountingDocument (IS-OIL-PRA-REV-JE)
Business Object Type	Transactional data
Business Object Definition	Production and Revenue Accounting (PRA)'s Revenue Accounting Document (RAD) records changes in values in a company code arising from accounting transactions. RADs consist of one or more line items (postings), each of which represents an individual transaction posted to an account. When posting an accounting document, the SAP system updates the transaction figures in the accounts to which the document is posted. A RAD is a representation within the SAP system of the document (for example, tax paid) that triggered the posting.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing supplier by PRA data [page 1067]
- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Well and well completion [page 1068]
- PRA - Contract [page 1073]
- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- CO - Cost center [page 1345]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Document Header (Mandatory)		
2		Document Items (Mandatory)	
3			Tax
3			Marketing
3			Deduct

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction /PRA/ACCT_ANLYSIS_RP	*Analysis Report*

Available Migration Objects [page 2] in SAP S/4HANA.

1.274 *PRA - Extend existing customer by PRA data*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRACustomer (IS-OIL-PRA-REV-OW)
Business Object Type	Master data
Business Object Definition	Customer represents a remitter or operator or transporter in Oil&Gas Upstream solution.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following object must have already been maintained or migrated:

- Customer [page 1200]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Header Data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.275 *PRA - Division order interest*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRADivisionOfInterest (IS-OIL-PRA-REV-OW)
Business Object Type	Master data

Business Object Definition	Division Order Interest (DOI) is an entity in PRA which is required for assigning ownership to properties, wells, measurement points and products produced for allocation and revenue.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. General DOI data
2. Owner entries
3. Sliding Scales
4. Marketing Free
5. Owner Exempts
6. Bearer Groups

Out of Scope

1. DOI legal description data
2. DOI description

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing supplier by PRA data [page 1067]
- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Joint venture [page 1064]

Mapping Instructions

Unique Combination

Migration with identical combinations of Company Code, Joint Venture, and Division of Interest leads to error during migration due to duplicate records. The combination of Company Code, Joint Venture, and Division of Interest is always unique.

Mapping Structure Hierarchy

Level	Name			
1	DOI Header Data (mandatory)			
2		Owner Entries (mandatory)		
3			Sliding Scale Header	
4				Sliding Range
3			Marketing Free Maintenance	
3			Owner Exempt Maintenance	
2		Bearer Group Header		
3			Bearer Group Detail	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3U_DI3	*Display DOI*
Transaction O3U_DO3	*Display DOI Owners*
Transaction O3U_BG3	*Display Bearer Group*

Available Migration Objects [page 2] in SAP S/4HANA.

1.276 *PRA - DOI accounting*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRADivnOfInterestAccounting (IS-OIL-PRA-REV-OW)
Business Object Type	Master data
Business Object Definition	DOI accounting is used to define tax and revenue information specific to a division of interest (DOI). Each accounting record is set up by major product code, making it possible to have multiple accounting records for the same DOI.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- CO - Cost center [page 1345]
- PRA - Extend existing customer by PRA data [page 1057]

Mapping Instructions

Unique Combination

Migration with identical combinations of Company Code, Joint Venture, DOI Number, and Combined Product Code leads to error during migration due to duplicate records. The combination of Company Code, Joint Venture, DOI Number, and Combined Product Code is always unique.

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Tax Details (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3U_DP3	*Display DOI Accounting*

Available Migration Objects [page 2] in SAP S/4HANA.

1.277 *PRA - DOI MP WC cross reference*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRADivnIntrstWellMsmtPtCrsRef (IS-OIL-PRA-REV-OW)
Business Object Type	Master data
Business Object Definition	DOI/MPWC cross reference represents a relationship of a Division of interest (DOI) to Well completion(s) or Measurement point(s) in Production revenue accounting.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- PRA - Well and well completion [page 1068]
- Product [page 1432]

Mapping Instructions

Unique Combination

Migration with identical combinations of Measurement Point/Well ID & Well Completion, Company Code, Joint Venture, DOI Number, Major Product Code and Material Code leads to error during migration due to duplicate records. The combination of Measurement Point/Well ID & Well Completion, Company Code, Joint Venture, DOI Number, Major Product Code and Material Code is always unique.

Mapping Structure Hierarchy

Level	Name
1	DOI Cross Reference (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction MM03	*DOI to MP/WC Cross Reference*

Available Migration Objects [page 2] in SAP S/4HANA.

1.278 *PRA - Joint venture*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAJointVenture (IS-OIL-PRA-REV-OW)
Business Object Type	Master data
Business Object Definition	PRA Venture represents a property with one or several leases, and captures PRA specific venture related attributes such as type, location, legal description, etc.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Update of Legal Description data is not supported.

Prerequisites

The following objects must have already been maintained or migrated:

- JVA - Joint venture master data [page 1342]
- PRA - Extend existing customer by PRA data [page 1057]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Venture Extension (mandatory)	
2		Unit Venture Information

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3U_JV3	*Joint Venture*

Available Migration Objects [page 2] in SAP S/4HANA.

1.279 *PRA - Unit venture tract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAUnitToTractParticipation (IS-OIL-PRA-REV-OW)
Business Object Type	Master data
Business Object Definition	Ownership entity that defines tracts and their tract participation factor in a unit venture on a dated basis by product.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following object must have already been maintained or migrated:

- PRA - Division order interest [page 1058]

Mapping Instructions

Unique Combination

Migration with identical combinations of Company Code, Unit Venture, and Combined Product Code leads to error during migration due to duplicate records. The combination of Company Code, Unit Venture, and Combined Product Code is always unique.

Mapping Structure Hierarchy

Level	Name	
1	Unit Venture (mandatory)	
2		Unit Venture Tracts (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3UOW_UTP0	*Unit to Tract Participation*

Available Migration Objects [page 2] in SAP S/4HANA.

1.280 *PRA - Extend existing supplier by PRA data*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAOwner (IS-OIL-PRA-REV-OW)
Business Object Type	Master data
Business Object Definition	Vendor represents an owner in Oil&Gas Upstream solution.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following object must have already been maintained or migrated:

- Supplier [page 1564]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header Data (mandatory)	
2		Recoupment Groups
2		Special Handling Codes
2		Exempt Withholdings

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.281 *PRA - Well and well completion*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAWellCompletion (IS-OIL-PRA-PRD)
Business Object Type	Master Data

Business Object Definition	Production and Revenue Accounting (PRA)'s Well Completion is a formation or zone containing one or more reservoirs, which has been penetrated by the drilling of a well and is producing in commercial quantities into the wellbore. Multiple well completions may exist in the same wellbore.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing customer by PRA data [page 1057]
- CO - Cost center [page 1345]
- PS - WBS element [page 1573]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Well Information (mandatory)		
2		Well Client Parameter (optional)	
2		Well Completion Info (mandatory)	
3			WC Client Parameter (optional)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3U_WL3	*Browse / Display Well*
Transaction O3U_WC3	*Browse / Display Well Completion*
Transaction O3U_WCD3	*Browse / Display Well Completion Dated*

Available Migration Objects [page 2] in SAP S/4HANA.

1.282 *PRA - MP/WC transporter cross reference*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAMsmtPtTransporterCrossRef (IS-OIL-PRA-PRD)
Business Object Type	Master Data
Business Object Definition	Production and Revenue Accounting (PRA)'s Measurement Point (MP) to Transporter Cross Reference represents a link between a Transporter, is a third party who picks up and delivers the product to a purchaser, with a specific MP on an effective dated basis.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Well and well completion [page 1068]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Transporter Cross Reference (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction o3u_mwt3	*Browse / Display MP to Transport X-Ref*

Available Migration Objects [page 2] in SAP S/4HANA.

1.283 *PRA - Well completion volume*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAWellCompletionVolumes (IS-OIL-PRA-PRD)
Business Object Type	Transactional data
Business Object Definition	Production and Revenue Accounting (PRA)'s Well Completion Volume represents volumetric information at Well Completion on a daily or monthly basis by product, transporter, Volume Type.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Well and well completion [page 1068]
- PRA - MP/WC transporter cross reference [page 1070]
- PRA - Extend existing customer by PRA data [page 1057]
- Product [page 1432]

Mapping Instructions

Volume Entries

Reading Identifier field -

Populate Well Completion Volume reading details in the 'Reading Identifier' field.

Example 1:

For Volume of 100 BB6, populate the following details:

Reading Identifier = 'OVL', Value = 100, Unit of Measure = BB6

Example 2:

For Heating Value of 1000 BC2, populate the following details:

Reading Identifier = 'OVL', Value = 1000, Unit of Measure = BC2

Example 3:

For Observed Density Temperature of 60 FAH, populate the following details:

Reading Identifier = 'OTMP', Value = 60, Unit of Measure = FAH

Mapping Structure Hierarchy

Level	Name	
1	Volume Header (mandatory)	
2		Volume Entries (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction o3u_wcdvl3	*Browse / Display WC Volumes*

Available Migration Objects [page 2] in SAP S/4HANA.

1.284 *PRA - Contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAContract (IS-OIL-PRA-REV-CP)
Business Object Type	Master data
Business Object Definition	Contract Number is an entity used in calculation of sales of production volume at Well Completion or Measurement point.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Extend existing supplier by PRA data [page 1067]
- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Contract (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3UCM_CONTRACT	*PRA Contract Maintenance*

Available Migration Objects [page 2] in SAP S/4HANA.

1.285 *PRA - Valuation formula*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAValuationFormula (IS-OIL-PRA-REV-VAL)
Business Object Type	Master data
Business Object Definition	Formula ID along with Formula Number is a tabular notation of PRA Reserve words to define calculation(s) of value to a volume of oil, gas, or natural gas liquid sold. It is used mainly to apply the costs or reimbursements associated with the expenses of marketing a product to a calculated value.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Unit venture tract [page 1065]
- Product [page 1432]
- PRA - Contract [page 1073]
- PRA - Well and well completion [page 1068]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Formula Header (mandatory)	
2		Formula Details (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3U_FRML3	*Browse/Display Formula ID*
Transaction O3U_VLFR3	*Browse/Display Valuation Formula*

Transaction O3U_VLFR9	*Valuation Formula List Processing*

Available Migration Objects [page 2] in SAP S/4HANA.

1.286 *PRA - Settlement diversity*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRASettlementDiversity (IS-OIL-PRA-REV-VAL)
Business Object Type	Master data
Business Object Definition	Settlement Diversity is assignation of an alternate formula to a DOI owner on a dated basis for alternate Revenue Distribution.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- PRA - Contract [page 1073]
- PRA - Well and well completion [page 1068]
- PRA - Extend existing supplier by PRA data [page 1067]
- PRA - Valuation formula [page 1075]
- PRA - Valuation cross reference [page 1083]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Header (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction /PRA/VL_SD_WORKPLACE	*Settlement Diversity Workplace*

Available Migration Objects [page 2] in SAP S/4HANA.

1.287 *PRA - Settlement statement DOI cross reference*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRASettlementDOICrossRef (IS-OIL-PRA-REV-VAL)
Business Object Type	Master data

Business Object Definition	Settlement Statement - DOI Cross Reference is a representation of Purchaser's relationship to a Division of Interest (DOI), Contract, and Material on dated basis in Production Revenue Accounting based on Settlement Statements.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Extend existing customer by PRA data [page 1057]
- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- Product [page 1432]
- PRA - Contract [page 1073]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Settlement Statement (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.

4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3URV_SST0	*Settlement Statement/DOI XRef*

Available Migration Objects [page 2] in SAP S/4HANA.

1.288 *PRA - State tax rate*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRATaxRate (IS-OIL-PRA-REV-VAL)
Business Object Type	Master data
Business Object Definition	State Tax Rates is a PRA entity master used for storing tax rates based on value or volume by state, tax type, and product for the tax classes on a dated basis. The tax rates are then used in calculating taxable amounts in Valuation Processing.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	State Tax Rates (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3UVL_STR0	*State Tax Rates*

Available Migration Objects [page 2] in SAP S/4HANA.

1.289 *PRA - Tax calculation data*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRATaxCalculation (IS-OIL-PRA-REV-VAL)
Business Object Type	Master data
Business Object Definition	Tax Calculation Data is a definition of Tax calculation by state, Tax Type, and Major Product Code on a dated basis.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

None

Mapping Instructions

Tax Calculation Data Header

1. Tax Calculation Data Header should have a unique combination for the following fields:
   - Country/Region
   - Primary Geographical Location
   - Major Product Code
   - Volume Type
   - Severance Tax Type
2. Fixed Marketing Deduction, if any, should be provided in the Tax Calculation Data header structure.

Mapping Structure Hierarchy

Level	Name	
1	Tax Calculation Data (mandatory)	
2		Marketing on Taxable Value
2		Entity Characteristics
2		Tier Tax Volume Type

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3UVL_TCD0	*Tax Calculation Data*

Available Migration Objects [page 2] in SAP S/4HANA.

1.290 *PRA - Valuation cross reference*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAValuationCrossRef (IS-OIL-PRA-REV-VAL)
Business Object Type	Master data
Business Object Definition	Valuation Cross Reference is a representation of an effective-dated link between PRA product and other PRA entities like delivery networks, measurement points, wells and well completions, marketing groups from contractual allocations, DOIs, Units and contracts. It is one of the prerequisites to perform the Valuation Processing and Revenue Distribution.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Prerequisites

The following objects must have already been maintained or migrated:

- PRA - Joint venture [page 1064]
- PRA - Division order interest [page 1058]
- PRA - Unit venture tract [page 1065]

- PRA - Valuation formula [page 1075]
- PRA - Contract [page 1073]
- PRA - Well and well completion [page 1068]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Valuation Cross Reference (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3U_VCR3	*Browse/Display Valuation Cross Reference*

Available Migration Objects [page 2] in SAP S/4HANA.

1.291 *PRA - Well completion tax classification*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PRAWellCompltnTaxClassfctn (IS-OIL-PRA-REV-VAL)
Business Object Type	Master data
Business Object Definition	Well Completion Tax Classification is an assignment of a Tax class to a Well/Well Completion by Major Product on a dated basis for alternate tax calculation.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Tax Classification at Well/Well Completion

Out of Scope

1. Tax Classification at Measurement Point
2. Tax Classification at Venture/DOI

Prerequisites

The following object must have already been maintained or migrated:

- PRA - Well and well completion [page 1068]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Tax Classification (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction O3UVL_TC0	*Tax Classification*

Available Migration Objects [page 2] in SAP S/4HANA.

1.292 *CO - Cost rate*

Available Migration Objects [page 2] in SAP S/4HANA.

> **!** Restriction
>
> This object must not be used to migrate cost rate in SAP S/4HANA Cloud. The API used here does not support the cloud tables. For professional services, use the Condition record for pricing (general template) [page 1167] migration object.

Purpose

Business Object Component/Area	Controlling (CO)
Business Object Type	Master data
Business Object Definition	To plan and allocate the activities, the system records quantities that are measured in activity units. Activity quantities are valuated using a price. Costs based on the activity quantity of an activity type can be posted separately in fixed and variable portions.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Cost rate header

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Activity type [page 1352]
- CO - Cost center [page 1345]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Cost rate header (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction KP26	*Change Plan Data for Activity Types*
Transaction KP27	*Display Plan Data for Activity Types*

Available Migration Objects [page 2] in SAP S/4HANA.

1.293 *Bank*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Master data
Business Object Definition	An institution that provides financial services to individuals and to businesses for profit, generally including taking money deposits, issuing credit, and processing transactions.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Bank Country
- Bank Key
- Bank Address Data

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Bank master data (mandatory)

Do Not Overwrite Existing Data

This is an indicator field to determine whether or not to overwrite an existing bank.

If the indicator field is empty, the system overwrites an existing bank. If you don't want to overwrite an existing bank, enter **x**.

> **i** Note
>
> If you enter **x** and a bank exists in the system, an error message is issued.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction FI03	*Display Bank*

Available Migration Objects [page 2] in SAP S/4HANA.

1.294 *FI - Bank account balance*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Transactional data
Business Object Definition	The Bank Account Balance is the value date balance of each bank account, which serves the requirement of cash position analysis for cash managers. The migration object is for initializing the balance for bank accounts that are operated centrally, that is, in the same system as Cash Management.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Bank Account Balance

Prerequisites

The bank account needs to be created before initializing the balance. You can find the *Technical ID* in the bank account master data, on the *General data* tab. This *Technical ID* is used as the *Account ID* in the file to be imported.

Cash flow should not be generated for the company code that is used before migrating this object into the system. Otherwise, the user gets the error message `Company code XYZ already has flows generated from FI in one Exposure`.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Bank master data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

To validate your migrated data, you can use the `FQM_FLOW` table in transaction `SE16N`. To get results, you have to enter the values *Technical ID* and *Company Code*. You can retrieve these from the `FCLM_BAM_AMD` table.

How to Cancel Already Migrated Balance Records

You can delete already migrated balance records using the *Delete Data from One Exposure* app. For more information, refer to the SAP Fiori apps reference library and the SAP Help Portal.

> **i Note**
>
> After deletion, balance records with the same key can be migrated again using a new migration project.

Available Migration Objects [page 2] in SAP S/4HANA.

1.295 *Bank (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

> **⚠ Caution**
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Master data
Business Object Definition	An institution that provides financial services to individuals and to businesses for profit, generally including taking money deposits, issuing credit, and processing transactions.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Bank Country
- Bank Key
- Bank Address Data

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Bank master data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction FI03	*Display Bank*

Available Migration Objects [page 2] in SAP S/4HANA.

1.296 *Batch unique at material and client level*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM) Sales and Distribution (SD) Production Planning for Process Industries (PP-PI)
Business Object Type	Master data
Business Object Definition	Batch Master Data (if batch is unique at material level).
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Batch basic data
2. Batch classification data

Out of Scope

1. Long texts for batches
2. Segmentation is not supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Material Number
- Batch Number
- Plant
- Batch Attributes
- Batch Status
- Characteristic Values
- Control Parameters

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]
- If you want to migrate batches with classification data, the following objects need to be migrated first:
  - Characteristic [page 1107]
  - Class [page 1115]
  - Object classification - General template [page 1135] – Please see the mapping instructions for this object, paying special attention to the *Material Classification for Batches* section.

Mapping Instructions

Class Field on the *Batch Basic Data* Sheet

Please provide here the batch class that your material is assigned to. All characteristics with reference to a table field are then created automatically during migration. Example: *Class* `YB_EXP_DATE_002`; *Characteristic* `LOBM_VFDAT` refers to table field `MCH1-LFDAT`. If the *Shelf Life Expira. or Best-Before Date* field is filled, the content will be copied into the classification value of *Characteristic* `LBOM_VFDAT`.

Field Valuation Type on the *Plant Data* sheet

If you want to create a batch for a material that is defined by its valuation category as a material valuated in single batches, you have to provide a valid valuation category. In this case, leaving the field valuation category empty is not allowed .

VALUE_FROM and *VALUE_TO* fields

The values in *VALUE_FROM* and *VALUE_TO* always relate to the unit of measurement of the characteristic.

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* fields

If the unit of measurement specified here does not match the unit of measurement of the characteristic, the output is converted into this unit of measurement.

For example, if the *Characteristic* has the ISO UOM **ANN** (Year), and the *VALUE_FROM* field has the value **2**, and if the *UNIT_FROM* field has the ISO UOM **MON**, the two years are converted to months, and the system displays 24 months.

How to enter interval values with different units of measurement:

For the characteristic, the following numerical intervals are allowed:

- 100,00 kg to 1,00 t
- 10,00 mg to 100,00 g

If you want to assign the interval 100,00 kg to 1,00 t as a value, you have to fill the fields on the *Classification NUM Values* sheet like this:

Enter the *Internal Floating Point Value From* and *Internal Floating Point Value To* values according to the *Base UoM From (ISO)* defined in the *Characteristic* itself (in this case *KGM*). The *Base UoM From (ISO)* and *Base UoM To (ISO)* fields are filled with the desired Units of Measure in ISO.

Internal Floating Point Value From	Internal Floating Point Value To	Base UoM From (ISO)	Base UoM To (ISO)
100	1000	KGM	TNE

Relational Operators to Define the Intervals

You have the following input options:

- **1** for EQ (Equal)
- **2** for GE LT (Greater than or equal and Less than)
- **3** for GE LE (Greater than or equal and Less than or equal)
- **4** for GT LT (Greater than and Less than)
- **5** for GT LE (Greater than and Less than or equal)
- **6** for LT (Less than)
- **7** for LE (Less than or equal)
- **8** for GT (Greater than)
- **9** for GE (Greater than or equal)

Input example:

- *VALUE_FROM*: **20**
- *VALUE_TO*: **28**
- *VALUE_RELATION*: **2**

Imported value:

- **20≤ X <28**

Mapping Structure Hierarchy

Level	Name	
1	Batch Basic Data (mandatory)	
2		Classification CHAR/BOOL Values
2		Classification NUM Values

Level	Name	
2		Classification CURR Values
2		Plant

New *Characteristic Value (DATE)* and *Characteristic Value (TIME)* Columns

Starting with SAP S/HANA 1802, you can enter values for *Lower Boundary for Date-Interval* and *Upper Boundary for Date-Interval* in the *Characteristic Value (DATE)* columns. For *Lower Boundary for Time-Interval* and *Upper Boundary for Time-Interval*, you can enter values in the *Characteristic Value (TIME)* columns on the *Classification NUM Values* sheet in the migration template. Please note that values entered for *Internal Floating Point Value From* and *Internal Floating Point Value To* in the *Characteristic Value* columns are always given priority. When you enter values for these fields, values entered for *Characteristic Value (DATE)* and *Characteristic Value (TIME)* will not be considered when migrating.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction MSC3N	*Display Batch*

Available Migration Objects [page 2] in SAP S/4HANA.

1.297 *Batch unique at plant level*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM) Sales and Distribution (SD) Production Planning for Process Industries (PP-PI)
Business Object Type	Transactional data
Business Object Definition	Batch Master Data if batch is unique at plant level
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Batch basic data

Out of Scope

1. Long texts for batches
2. Segmentation is not supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Material Number
- Batch Number
- Plant
- Batch Attributes
- Batch Status
- Control Parameters

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]

- Supplier [page 1564]
- If you want to migrate batches with classification data, the following objects need to be migrated first:
  - Characteristic [page 1107]
  - Class [page 1115]
  - Object classification - General template [page 1135] – Please see the mapping instructions for this object, paying special attention to the *Material Classification for Batches* section.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Batch Basic Data (mandatory)	
2		Classification CHAR/BOOL Values
2		Classification NUM Values
2		Classification CURR Values

Class Field on the *Batch Basic Data* Sheet

Please provide here the batch class to which your material is assigned. All the characteristics with reference to a table field are then created automatically during migration. Example: *Class* `YB_EXP_DATE_002`; *Characteristic* `LOBM_VFDAT` refers to table field `MCH1-LFDAT`. If the *Shelf Life Expira. or Best-Before Date* field is filled, the content will be copied into the classification value of *Characteristic* `LBOM_VFDAT`.

VALUE_FROM and *VALUE_TO* Fields

The values in the *VALUE_FROM* and *VALUE_TO* fields always relate to the unit of measurement of the characteristic.

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement specified here does not equal the unit of measurement of the characteristic, the output is converted into this unit of measurement.

For example, if the *Characteristic* has the ISO UOM **ANN** (Year), and the *VALUE_FROM* field has the value **2**, and if the *UNIT_FROM* field has the ISO UOM **MON**, the two years are converted to months, and the system displays 24 months.

How to enter interval values with different units of measure:

For the characteristic the following numerical intervals are allowed:

- 100,00 kg to 1,00 t
- 10,00 mg to 100,00 g

If you want to assign the interval 100,00 kg to 1,00 t as a value, you have to fill the fields on the *Classification NUM Values* sheet like this:

Enter the *Internal Floating Point From* and *Internal Floating Point To* values according to the *Base UoM From (ISO)* defined in the *Characteristic* itself (in this case *KGM*). The *Base UoM From (ISO)* and *Base UoM To (ISO)* fields are filled with the desired Units of Measure in ISO.

Internal Floating Point From	Internal Floating Point To	Base UoM From (ISO)	Base UoM To (ISO)
100	1000	KGM	TNE

Relational Operators to Define the Intervals

You have the following input options:

- `1` for EQ (Equal),
- `2` for GE LT (Greater than or equal and Less than)
- `3` for GE LE (Greater than or equal and Less than or equal)
- `4` for GT LT (Greater than and Less than)
- `5` for GT LE (Greater than and Less than or equal)
- `6` for LT (Less than)
- `7` for LE (Less than or equal)
- `8` for GT (Greater than)
- `9` for GE (Greater than or equal)

Input example:

- *VALUE_FROM*: `20`
- *VALUE_TO*: `28`
- *VALUE_RELATION*: `2`

Imported value:

- `20≤ x <28`

New *Characteristic Value (DATE)* and *Characteristic Value (TIME)* Columns

Starting with SAP S/HANA release 1809, you can now enter values for *Lower Boundary for Date-Interval* and *Upper Boundary for Date-Interval* in the new *Characteristic Value (DATE)* columns and for *Lower Boundary for Time-Interval* and *Upper Boundary for Time-Interval* in the new *Characteristic Value (TIME)* columns on the *Classification NUM Values* sheet in the migration template. Please note that values entered for *Internal Floating Point Value From* and *Internal Floating Point Value To* in the *Characteristic Value* columns are always given priority. When you enter values for these fields, values entered for *Characteristic Value (DATE)* and *Characteristic Value (TIME)* will not be considered when migrating.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction MSC3N	*Display Batch*

Available Migration Objects [page 2] in SAP S/4HANA.

1.298 *Material BOM*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Production Planning and Control (PP)
Business Object Type	Master data
Business Object Definition	Production Planning - BOM A complete, structured list of the components that make up an object. The list contains the description, quantity, and unit of measure. These components are known as BOM items. • BOM categories In the SAP System, BOMs can form different objects and manage object-related data. You can maintain the following BOM categories, for example: ○ Material BOM ○ Document structure ○ Equipment BOM ○ Functional location BOM ○ Sales order BOM • Technical types To display product variants and production alternatives, the system provides two technical types: ○ Variant BOM ○ Multiple BOM
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. To date, you can process multiple alternative BOMs for the same material number, plant, and BOM usage. This can apply to any number from 01 to 99.
   (Retail for Merchandise Management only) Following BOM usage values are supported:
   - 3 - Sales set, Pre-pack, Display
   - 7 - Empties

   > **i** Note
   >
   > - You must provide Empties Unit of Measure (UoM) at header data for the empties BOM, as the components are created for each UoM.
   > - You cannot assign empties BOM to an empties article.
   > - You can maintain only variants of generic article as components of prepack articles.
2. Material BOM
3. For object dependency, only the assignment of global dependency is supported. *Selection condition* and *Procedure* are currently the only dependency types that are supported.
4. The following item categories (Bill of Material) are supported:
   - L-Stock item
   - N-Non-stock item
   - D-Document item
   - R-Variable size item
   - T-Text item
   - K-Class item

Out of Scope

1. Document structure
2. Equipment BOM
3. Functional location BOM
4. Sales order BOM

Restrictions

(Retail for Merchandise Management only) You can maintain two-level BOM and it is restricted to the following scenarios:

- Display article with full products (single article, variant) as components which have itself an empties BOM
- Sales set article with full products (single article, variant) as components which have itself an empties BOM
- Prepack article with full products (variant) as components which have itself an empties BOM

Supported Features

The following structures/features are supported in SAP S/4HANA:

- BOM Header
- BOM Items
- BOM Subitems
- Global dependency
- Local dependency
- Description of local dependency
- Source code of local dependency
- Documentation of local dependency
- Document assignment

Prerequisites

The following objects need to have already been maintained or migrated:

- Product [page 1432]

To ensure that the data remains consistent, check that the decimal separator used in the file is the same as the one used in the user settings. Check the user settings first.

Validity Period and Dependencies

Business objects that reference this object need to be created within the validity period.

If a successor object is created with a validity period starting before this object, this can cause an error message during the creation or migration of the successor object. Therefore, verify the time dependencies before you create or migrate your objects. This avoids error messages and inconsistent data in your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	BOM Header (mandatory)	
2		BOM Items (mandatory)

Level	Name				
2		BOM Header Document assignment			
3			BOM Subitems		
3			BOM Item Document assignment		
4				Global dependency	
4				Local dependency	
5					Description of local dependency
5					Sources of local dependency
5					Documentation of local dependency

- **Example**

  Afterwards you have to migrate the components with the Material BOM [page 1100] migration object. *BOM Usage* is in this case 3 (sales set). You must provide on the *BOM Header* sheet the corresponding *Empties Unit of Measure* and on the *BOM Item* sheet the components itself, in this case EMPTY_BOTTLE.

  BOM Header

Material Number	BOM Usage	...	Empties Unit of Measure
SALES_SET ARTICLE	**3**		**Not applicable**

  BOM Item

Material Number	...	BOM component	Component Quantity	Component Unit of Measure
Article1		EMPTY_BOTTLE	1	PCE (piece)
Article2		EMPTY_BOTTLE	1	PCE (piece)

Quantity Fields on Header and Item Level

If your value contains decimals, do not copy and paste the values from another Excel file into these fields. Excel corrupts the data type of these fields. Doing so would cause the wrong numbers to be migrated to the system. Even the *Copy value only* functionality in Excel corrupts the data type.

There are three possible options to enter for the quantity fields:

1. Enter the data manually into the downloaded migration template.
2. Enter the values into a text file (for example, use the *Notepad* app). Copy the values from there, and use *Paste special* to paste the values into the column of the migration template as *Text* or *Unicode Text*.
3. Format all cells in the source Excel file as *Text* and use *Copy values only* to copy the values into the migration template.

Before uploading the XML file to the Migration Cockpit, check that the data type of these fields was not changed from *String* to *Number*.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction CS03	*Display Material BOM*

For Retail for Merchandise Management only

App:	• *Manage Product Master Data* • *Display Article*
Business Role	Master Data Specialist - Product Data (Retail)
Transaction `MM43`	*Display Material*

> **i** Note
>
> In the context of Retail for Merchandise Management, material and article terminology is synonymously used in the business application UIs and the respective documentation.

Available Migration Objects [page 2] in SAP S/4HANA.

1.299 *ECM - Change master*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Engineering Change Number (PLM-WUI-OBJ-ECN)
Business Object Type	Master data
Business Object Definition	A change number is used to uniquely identify a change master record. All changes made with reference to a change number are controlled and logged by the change master record. Numbers are assigned externally.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The object management record is only supported for the following objects:

- Product [page 1432]
- Material BOM [page 1100]
- Document info record [page 1216]

Out of Scope

Internal numbering isn't supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Change Master Header
- Alternative Dates
- Document Info Record
- Material
- Material BOM

Mapping Instructions

- Only external numbering is supported.

- The *Object type active for change number* indicator should be set before setting further indicators for any object type.
- The *Object management record generated* indicator can be set for the object type if the *Management record required* indicator is set together with the **Object type active for change number** indicator.
- You can only enter an *Alternative Date* for change objects for which the object management record can be maintained.

Mapping Structure Hierarchy

Level	Name	
1	Change Master Header (mandatory)	
2		Alternative Dates
2		Document Info Record
2		Material
2		Material BOM

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

To validate your migrated data, you can use the following tables in the transaction SE16N.

- AENR - Change master
- AEOI - Object management records for change master
- AEDT - Alternative dates
- AENV - Object types for change master

Transaction CC01	**Create Change Number**
Transaction CC02	**Change Change Master**
Transaction CC03	**Display Change Master**

Available Migration Objects [page 2] in SAP S/4HANA.

1.300 *Characteristic*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	Property for describing and distinguishing between objects, such as length, color, or weight.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Descriptions
- Characteristic Allowed Values
- Characteristic Value Descriptions
- Characteristic Additional Data
- Characteristic Restrictions

Prerequisites

The following objects must have already been maintained or migrated:

- Class [page 1115]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period of this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Characteristic Attributes (mandatory)	
2		Characteristic Descriptions (mandatory)
2		Type CHAR Characteristic value
2		Numerical Characteristic value
2		Type CURR Characteristic value
2		Descrip. for CHAR based values
2		Check table for References
2		Attributes' Additional data
2		Restrictions to Class Types

As of SAP S/4HANA 2008, the object supports the migration of characteristics with value descriptions only. For each language, only one empty characteristic value is allowed.

Valid From

The value of this field can only be inherited from the change number. If the change number is empty, *Valid from* will be ignored.

Build up a Value Hierarchy of Character Values

This functionality is only supported in SAP S/4HANA.

You can build up a value hierarchy for character-based values.

Here is an example for such a value hierarchy:

Level	Name	
1	EUROPE	
2		GERMANY

Level	Name		
3			BAVARIA
3			SAARLAND
3			SAXONIA
2		ITALY	
3			SICILIA

To build this value hierarchy for a characteristic name *COUNTRY*, you have to fill the fields on the *Allowed character based values* sheet like this:

Characteristic	Value (long)	Value-High (long)
COUNTRY	EUROPE	
COUNTRY	GERMANY	EUROPE
COUNTRY	BAVARIA	GERMANY
COUNTRY	SAARLAND	GERMANY
COUNTRY	ITALY	EUROPE
COUNTRY	SICILIA	ITALY

Build up an Interval with Different Unit of Measure (UoM)

This functionality is only supported in SAP S/4HANA.

You can build up an interval based on different UoMs from the same dimension.

Here is an example of such an interval based on the numerical values:

The *Characteristic Attributes* field *Base Unit of Measure (ISO)* is filled with **KGM**.

On the *Allowed NUMmerical values* sheet, you want to have the following intervals:

- 100,00 kg to 1,00 t
- 10,00 mg to 100,00 g

To build this value interval you have to fill the fields on the *Allowed NUMerical values* sheet like this:

Enter the *Internal Floating Point Values* based on the UoM defined in the *Characteristic Attribute* sheet. The *Base UoM* fields are filled with the wanted UoMs in ISO.

Internal Floating Point Value From	Internal Floating Point Value To	Base UoM From (ISO)	Base UoM To (ISO)
100	1000	KGM	TNE
0.00001	0.1	MGM	GRM

New Characteristic Value (DATE) and Characteristic Value (TIME) columns:

As of SAP S/HANA 1802, you can enter values for *Lower Boundary for Date-Interval* and *Upper Boundary for Date-Interval* in the *Characteristic Value (DATE)* columns on the *Classification NUM Values* sheet in the migration template. The same applies for *Lower Boundary for Time-Interval* and *Upper Boundary for Time-Interval* in the *Characteristic Value (TIME)* columns. Please note that values entered for *Internal Floating Point*

Value From and *Internal Floating Point Value To* in the *Characteristic Value* columns are always given priority. When you enter values for these fields, values entered for *Characteristic Value (DATE)* and *Characteristic Value (TIME)* will not be considered when migrating.

Document Details

As of SAP S/HANA Cloud 1805, document details in the additional data are supported.

User-Defined Data Type (031)

The user-defined data type is NOT supported in SAP S/4HANA Cloud.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction CT04	*Characteristics*

Further Information

- For this migration object, SAP delivers a prefilled sample XML template that helps you to fill out your data migration template. Use this link to navigate to the Data Migration Template Samples for SAP S/4HANA Cloud.

Available Migration Objects [page 2] in SAP S/4HANA.

1.301 *VC - Characteristics group*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	LO-VCH-GRP
Business Object Type	Master data
Business Object Definition	A group of classification characteristics with a defined order. It is used for structuring the user interface, which shows many characteristics. It has a language-dependent description.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

- Migrate characteristic group

Out of Scope

- The "classic" Variant Configuration (LO-VC) had its own concept for grouping of characteristics. This is not supported for Advanced Variant Configuration.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Characteristics
- Description
- Configuration Profile

Prerequisites

The following objects must have already been maintained or migrated:

- Characteristic [page 1107]
- Class [page 1115] (optional)
- Product [page 1432] (optional) – assigned with class and with class type 300

- VC - Configuration profile [page 1170] (optional)

Validity Period and Dependencies

Characteristic [page 1107] must be created first.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	General Information	
2		Characteristics
2		Description
2		Configuration Profile

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Manage Characteristic Groups* *VC Modeling Environment (Display Configuration profile)*
Business Role:	*Product Configuration Modeler* (`SAP_BR_PRODUCT_CONFIG_MODELER`)

Available Migration Objects [page 2] in SAP S/4HANA.

1.302 *Class (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

> ⚠ Caution
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	A group of similar objects described by means of characteristics that they have in common.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Class Description/Keywords
- Long Texts
- Characteristics
- Document Information
- Standards Data

Prerequisites

The following objects must have already been maintained or migrated:

- Characteristic [page 1107]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period of this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	General data (mandatory)	
2		Description and Keywords (mandatory)
2		Long texts
2		Characteristics

Class Type

All class types in the system are supported.

Additional Values in the General Data

The additional fields such as *Allowed in BOMs*, *Base unit of measure (ISO format)*, and *Resulting item category* are only effective in class types 200 and 300, which means that the input value will be ignored in class types 001 and 023.

Documentation

The combination of the field values for *Document type*, *Document number*, *Document version*, and *Document part* is checked against the database.

If a document with the combined values is not stored on the database (Table DRAW), the following error message appears: `Document <Document Type>-<Document number>-<Document version>-<Document part> not found, please check the values.`

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction CL01	*Create Class*
Transaction CL02	*Classes*
Transaction CL03	*Display Class*

Further Information

- For this migration object, SAP delivers a prefilled sample XML template that helps you in filling out your data migration template. Use this link to navigate to the Data Migration Template Samples for SAP S/4HANA Cloud.

Available Migration Objects [page 2] in SAP S/4HANA.

1.303 *Class*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	A group of similar objects described by means of characteristics that they have in common.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- Class Description and Keywords
- Long Texts
- Characteristics
- Document Information
- Standards Data
- Overwrite Charact. Attributes
- Overwrite Charact. Values
- Overwrite Value Descriptions

Prerequisites

The following objects must have already been maintained or migrated:

- Characteristic [page 1107]
- Document info record [page 1216]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period of this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name			
1	General data (mandatory)			
2		Description and Keywords (mandatory)		
2		Long texts		
2		Characteristics		
3			Overwrite Charact. Attributes	
3			Overwrite Charact. Values	
4				Overwrite Value Descriptions

Class Type

All class types in the system are supported.

Additional Values in the General Data

The additional fields such as *Allowed in BOMs*, *Base unit of measure (ISO format)*, and *Resulting item category* are only effective in class types 200 and 300, which means that the input value will be ignored in class types 001 and 023.

Documentation

The combination of the field values for *Document type*, *Document number*, *Document version*, and *Document part* is checked against the database.

If a document with the combined values is not stored on the database (Table DRAW), the following error message appears: `Document <Document Type>-<Document number>-<Document version>-<Document part> not found, please check the values.`

Overwrite Characteristic Value

If the value is hierarchy, the object only supports overwrite at root level. Value and text are not supported.

There is no delta support for value update/overwrite.

You always needs to provide the complete set of values. They will replace the original values.

You don't need to provide a currency key in migration for the `CURR` data type. The object will process the value with currency automatically.

Build an Interval Value with Different Units of Measurement (UoM)

You can build an interval value based on different units of measurement from the same quantity.

Here is an example of such an interval based on the numerical values:

Let us assume that the UoM is *kg*, for the used characteristic.

On the *Overwrite Charact. Values* sheet, you want to have the following intervals:

- 100,00 kg to 1,00 t
- 10,00 mg to 100,00 g

To build this value interval, you have to fill the fields on the *Overwrite Charact. Values* sheet like this:

Enter the *Internal Floating Point Values* based on the UoM defined in the *Characteristic*, for example, *kg*.

The *Base UoM* fields are filled with the wanted UoM in ISO.

To find the UoM for the used characteristic, under *Prerequisites*, follow the link to *Characteristic* for information about the relevant SAP Fiori App and necessary business role to display the characteristic.

Internal Floating Point Value From	Internal Floating Point Value To	Base UoM From (ISO)	Base UoM To (ISO)
100	1000	KGM	TNE
0.00001	0.1	MGM	GRM

Characteristic Value (DATE) and Characteristic Value (TIME) columns:

You can enter values for *Lower Boundary for Date-Interval* and *Upper Boundary for Date-Interval* in the *Characteristic Value (DATE)* columns on the *Overwrite Charact. Values* sheet in the migration template. The same applies for *Lower Boundary for Time-Interval* and *Upper Boundary for Time-Interval* in the *Characteristic Value (TIME)* columns.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction CL01	*Create Class*
Transaction CL02	*Classes*
Transaction CL03	*Display Class*

Further Information

- For this migration object, SAP delivers a prefilled sample XML template that helps you in filling out your data migration template. Use this link to navigate to the Data Migration Template Samples for SAP S/4HANA Cloud.

Available Migration Objects [page 2] in SAP S/4HANA.

1.304 *Class hierarchy*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Transactional data
Business Object Definition	The classes used to define a multi-level search path. The initial class has subordinate classes assigned to it, and you can restrict the search systematically by choosing the appropriate subordinate class. Example: Class VEHICLES has the subordinate classes CARS and TRUCKS. Class CARS has the subordinate classes SPORTSCARS, STATION_WAGONS, and SEDANS. When you are looking for a particular car, you can restrict the search down the hierarchy levels as appropriate.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Assign class

Out of Scope

1. Assign object (e.g. material, functional location, equipment, vendor...)

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header
- Class Hierarchy

Prerequisites

The following objects must have already been maintained or migrated:

- Class [page 1115]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period of this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Class Hierarchy (mandatory)

Instance class

The instance is the only class without a superior class.

Parent class name

The *parent class name* contains the class name to which you want to assign the class in the *child class name*.

Child class name

The *child class name* is the subordinate class of the *parent class name*.

Each class in the *Child class name* field also occurs in the *Parent class name* field.

Each class in the *Child class name* field has exactly one entry without the *Link* indicator.

If you have a child class without subordinate classes, then this *child class name* must have an entry in the *Parent class name* field with an empty *Child class name* field. For example, **Class5** is used as a *child class name*, and if this class is without a subordinate class, then we must have a new entry in this format:

Input example:

- *Instance class name*: **Class1**
- *Parent class name*: **Class5**
- *Child class name*: (empty)
- *Level of a hierarchy node*: **4** (The value must be higher than the level of its parent/superior class)

Hierarchy level

The hierarchy levels (*Level*) can be anything you like, but we recommend assigning level 1 to the instance, level 2 to its immediate subordinate classes, and so on. The hierarchy level of each class is higher than the level of its superior class (the one without the *Link* indicator).

Description (optional)

The field has no function and will be not migrated.

You can enter some comments here to have a better overview of the class hierarchy.

General flag (Link)

When a class is assigned to a second superior class, this field must contain **X** in the first entry.

Example: **Class5** has two superior classes. This means we have two entries for which *Child class name* is **Class5**. The link must be set to **X** in the first entry.

Input:

Instance class name	Parent class name	Child class name	Level	Link
Class1	Class1	Class2	1	
Class1	Class1	Class3	1	
Class1	Class2	Class4	2	
Class1	Class3	Class5	2	X
Class1	Class4	Class5	3	
Class1	Class5		4	

Classification status (optional)

Defines whether the allocation is released for class search, or locked.

Left class name (optional)

Specifies the class name which is is on the left side of child class name.

Right class name (optional)

Specifies the class name which on the right side of child class name.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction CL24N	*Class Assignments*
Transaction CL6C	*Class Hierarchy*

Further Information

- Information about the used API: SAP Note 1350546
- Information for classification: SAP Note 2267878

Available Migration Objects [page 2] in SAP S/4HANA.

1.305 *Object classification - Document (DRAW)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	The assignment of document information record to a class. When you assign document information record to a class, you assign values for the document information record to the characteristics in that class.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Assign object classes (assign object class name and characteristic values):
    1. Class type Document (017) is supported.

Out of Scope

1. Class type other than document

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values
- Change Number

Prerequisites

The following objects need to have already been maintained or migrated:

- Characteristic [page 1107]
- Class [page 1115]
- Document info record [page 1216]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period.

If a successor object is created with a validity period that starts before the validity period of this object, this can cause an error message during the creation or migration of the successor object. Therefore, verify the time dependencies before you create or migrate your objects. This avoids error messages and inconsistent data in your database

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Numerical Value Allocation
2		Currency Value Allocation
2		Character Value Allocation

Document Classification

To assign class and characteristic values to your document, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- In the *Header Data* sheet, enter the values for the following fields:
- *Class Type*: **017**
- *Class Name*: **<Document Class Name>** (Technical Name)
- *Document Type*: **<Document type>**
- *Document Number*: **<Document Number>**
- *Document Version*: **<Document version>**
- *Document Part*: **<Document Part>**
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- In the *Value Allocation* sheets, make the necessary entries.

Value From and *Value To* Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* **ANN** (Year), **2** means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field. These units are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- **1** for EQ (Equal to)
- **2** for GE LT (Greater than or equal to and less than)
- **3** for GE LE (Greater than or equal to and less than or equal to)
- **4** for GT LT (Greater than and less than)
- **5** for GT LE (Greater than and less than or equal to)
- **6** for LT (Less than)
- **7** for LE (Less than or equal to)
- **8** for GT (Greater than)
- **9** for GE (Greater than or equal to)

Input example:

- *VALUE_FROM*: **20**
- *VALUE_TO*: **28**
- *VALUE_RELATION*: **2**

Imported value:

- **20≤ X <28**

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* **ANN** (Year), and the *VALUE_FROM* field has the value **2**, and if the *UNIT_FROM* field has the *ISO UOM* **MON**, then the two years are converted to months which is displayed as 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

Example

- *Class Type*: **017**
- *Class Name*: **DOC_HIER_1**
- *Document Type*: **SWV**
- *Document Number*: **123**
- *Document Version*: **00**
- *Document Part*: **000**
- *Characteristic Name*: **DOC_C_HIER_1**

The hierarchy definition is as follows:

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign A_Second_Level_3, enter following entries in the *Character* value allocations structure:

1. Enter the key fields as described above.
2. Item number: 017
   If you want to set more values for the same characteristic, increase the number by 1.
3. Characteristic Value Neutral Long: A_Second_Level_3.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction `CV03N`	*Display document*

Available Migration Objects [page 2] in SAP S/4HANA.

1.306 *Object classification - Purchasing info record (EINA)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	The assignment of purchasing info record to a class. When you assign purchasing info record to a class, you assign values for the purchasing info record to the characteristics in that class.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Assign object classes (assign object class name and characteristic values):
    1. Class with type purchasing info record (057) is supported.

Out of Scope

1. Class with type other than purchasing info record
2. Purchasing info record with empty product

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values
- Change Number

Prerequisites

The following objects need to have already been maintained or migrated:

- Characteristic [page 1107]
- Class [page 1115]
- MM - Purchasing info record with conditions [page 1465]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period.

If a successor object is created with a validity period that starts before the validity period of this object, this can cause an error message during the creation or migration of the successor object. Therefore, verify the time dependencies before you create or migrate your objects. This avoids error messages and inconsistent data in your database

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Numerical Value Allocation
2		Currency Value Allocation
2		Character Value Allocation

Purchasing Info Record Classification

To assign class and characteristic values to your purchasing info record, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- In the *Header Data* sheet, enter the values for the following fields:
- *Class Name*: **<Purchasing Info Record Class Name>** (Technical Name)
- *Number of Purchasing Info Record*: **<Purchasing Info Record>**
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- In the *Value Allocation* sheets, make the necessary entries.

Value From and *Value To* Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* **ANN** (Year), **2** means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field. These units are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- **1** for EQ (Equal to)
- **2** for GE LT (Greater than or equal to and less than)
- **3** for GE LE (Greater than or equal to and less than or equal to)
- **4** for GT LT (Greater than and less than)
- **5** for GT LE (Greater than and less than or equal to)
- **6** for LT (Less than)
- **7** for LE (Less than or equal to)
- **8** for GT (Greater than)
- **9** for GE (Greater than or equal to)

Input example:

- *VALUE_FROM*: **20**
- *VALUE_TO*: **28**
- *VALUE_RELATION*: **2**

Imported value:

- **20≤ X <28**

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* **ANN** (Year), and the *VALUE_FROM* field has the value **2**, and if the *UNIT_FROM* field has the *ISO UOM* **MON**, then the two years are converted to months which is displayed as 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

Example

- *Class Name*: **PIR_HIER_1**
- *Number of Purchasing Info Record*: **5300000000**
- *Characteristic Name*: **PIR_C_HIER_1**

The hierarchy definition is as follows:

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign A_Second_Level_3, enter following entries in the *Character* value allocations structure:

1. Enter the key fields as described above.
2. Item number: 001
   If you want to set more values for the same characteristic, increase the number by 1.
3. Characteristic Value Neutral Long: A_Second_Level_3.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

ME13	*Display Info Record*

Available Migration Objects [page 2] in SAP S/4HANA.

1.307 *Object classification - Material (MARA)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	The assignment of product to a class. When you assign product to a class, you assign values for the product to the characteristics in that class.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Assign material classes (assign material class name and characteristic values):
    1. Class type Material (001) is supported.
    2. Class type Batch (022 and 023) is supported.
    3. Class type Material - Configurable Objects (200) is supported.
    4. Class type Variants (300) is supported.

Out of Scope

1. Other class types.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values
- Change Number

Prerequisites

The following objects must have already been maintained or migrated:

- Characteristic [page 1107] (dependent on class type)
- Class [page 1115] (dependent on class type)
- Product [page 1432] (dependent on class type)

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header data (mandatory)	
2		Numerical value allocation
2		Currency value allocation
2		Character value allocation

Material Classification for Batches

Batches are classified using the Batch unique at material and client level [page 1093] migration object, but you need to assign the batch class to the material with this object first. To assign the batch class, the source file must only contain the *Header Data* sheet. You can then fill in the following fields:

- *Class Type*: **`023`**
- *Class Name*: **`<Class Name>`**
- *Object Key*: **`<Material number>`** to assign to the batch related class
- *Status*: **`1`**
- *Valid from date*: (optional) **`<valid from date>`** (system date if not filled)
- *Value Allocation* sheets must not be maintained in this case!

Material Classification

To assign class and characteristic values to material, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- On the *Header Data* sheet, fill the following fields:
- *Class Type*: **`001`**
- *Class Name*: **`<Material Class Name>`** (Technical Name)
- *Object Key*: **`<Material number>`** to assign the material related class
- *Status*: **`1`**
- *Valid from date*: (optional) **`<valid from date>`** (system date if not filled)
- On the *Value Allocation* sheets, make the necessary entries.

Material - Configurable Objects Classification

To assign class and characteristic values to material-configurable objects, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill the following fields:

- *Class Type*: **`200`**
- *Class Name*: **`<Material - configurable objects Class Name>`** (Technical Name)
- *Object Key*: **`<Material number>`** to assign the material - configurable objects related class
- *Status*: **`1`**
- *Valid from date*: (optional) **`<valid from date>`** (system date if not filled)
- On the *Value Allocation* sheets, make the necessary entries.

Variants Classification

To assign class and characteristic values to variants, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill the following fields:

- *Class Type*: **`300`**
- *Class Name*: **`<Variants Class Name>`** (Technical Name)
- *Object Key*: **`<Material number>`** to assign the variants related class
- *Status*: **`1`**
- *Valid from date*: (optional) **`<valid from date>`** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Value From and Value To Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* ANN (Year), 2 means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field here. These are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- 1 for EQ (Equal)
- 2 for GE LT (Greater than or equal and Less than)
- 3 for GE LE (Greater than or equal and Less than or equal)
- 4 for GT LT (Greater than and Less than)
- 5 for GT LE (Greater than and Less than or equal)
- 6 for LT (Less than)
- 7 for LE (Less than or equal)
- 8 for GT (Greater than)
- 9 for GE (Greater than or equal)

Input example:

VALUE_FROM: 20

VALUE_TO: 28

VALUE_RELATION: 2

Imported value:

$20 \leq X < 28$

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* ANN (Year), and the *VALUE_FROM* field has the value 2, and if the *UNIT_FROM* field has the *ISO UOM* MON, then the two years are converted to months, and the system displays 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

Example

- *Class Type*: 001
- *Class Name*: MAT_HIER_1
- *Object Key*: FG29
- *Characteristic Name*: MAT_C_HIER_1

The hierarchy definition is as follows::

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign *A_Second_Level_3*, you make the following entries in the *Character* value allocations structure:

1. Fill the key fields as described above.
2. *Item number*: 001
   If you have to set more values for the same characteristic, increase the number by 1.
3. *Characteristic Value Neutral Long*: A_Second_Level_3.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

Transaction MM03	*Display Material*

Further Information

- For import information for classification see SAP Note 2267878.
- For this migration object, SAP delivers a prefilled sample XML template that helps you in filling out your data migration template. Use this link to navigate to the Data Migration Template Samples for SAP S/4HANA Cloud (for customers and partners only).

Available Migration Objects [page 2] in SAP S/4HANA.

1.308 *Object classification - General template*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	The assignment of objects to a class. When you assign objects to a class, you assign values for the object to the characteristics in that class.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Assign object classes (assign object class name and characteristic values):
    1. Class type Material (001) is supported.
    2. Class type Equipment (002) is supported.
    3. Class type Functional Location (003) is supported for internal key.
    4. Class type Inspection Characteristics (005) is supported.
    5. Class type Inspection Methods (006) is supported.
    6. Class type Code Groups (007) is supported.
    7. Class type Selected Sets (008) is supported.
    8. Class type Vendor Class (010) is supported.
    9. Class type Customer Class (011) is supported.
    10. Class type Message Item Class (015) is supported.
    11. Class type Document Management (017) is supported.
    12. Class type Work Center Class (019) is supported.
    13. Class type Batch (022 and 023) is supported.
    14. Class type Engineering Change Management (025) is supported.
    15. Class type Customer-material info record (052) is supported.
    16. Class type Purchasing Info Record (057) is supported.
    17. Class type Maintenance Plan (080) is supported.
    18. Class type Material - Configurable Objects (200) is supported.
    19. Class type Variants (300) is supported.

Out of Scope

- Other class types.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values (only for material classification)
- Change Number

Prerequisites

The following objects must have already been maintained or migrated:

- Characteristic [page 1107] (dependent on class type)
- Class [page 1115] (dependent on class type)
- Product [page 1432] (dependent on class type)
- PM - Equipment [page 1278] (dependent on class type)
- PM - Functional location [page 1295] (dependent on class type)
- Supplier [page 1564] (dependent on class type)
- Customer [page 1200] (dependent on class type)
- *Document info record* (manually, dependent on class type)
- Work center/Resource [page 1575] (dependent on class type)

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header data (mandatory)	
2		Numerical value allocation
2		Currency value allocation
2		Character value allocation

Name of Database Table for Object

Class type (*KLART*) and object table (*OBTAB*) should be mapped as per the following table.

KLART	OBTAB
001	MARA
002	EQUI
003	IFLOT
005	QPMK
006	QMTB
007	QPGR
008	QPAM
010	LFA1
011	KNA1
015	QMFE
017	DRAW
019	CRHD
022	MARA
023	MARA
025	AENR
052	KNMT
057	EINA
080	MPLA
200	MARA
300	MARA

Concatenated Key Instructions

To concatenate object key, please add leading zero or ending blanks to fulfill max data length of each key.

KLART	OBTAB	Key1	Key2	Key3	Key4
005	QPMK	ZAEHLER	MKMNR		
006	QMTB	WERKS	PMTNR		
007	QPGR	KATALOGART	CODEGRUPPE		
008	QPAM	WERKS	KATALOGART	AUSWAHLMGE	
015	QMFE	QMNUM	FENUM		
017	DRAW	DOKAR	DOKNR	DOKVR	DOKTL
019	CRHD	WERKS	ARBPL		
052	KNMT	VKORG	VTWEG	KUNNR	MATNR
057	EINA	INFNR	MATNR	LIFNR	

Material Classification

To assign class and characteristic values to material, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- On the *Header Data* sheet, fill the following fields:
- *Class Type*: **001**
- *Class Name*: **<Material Class Name>** (Technical Name)
- *Object Key*: **<Material number>** to assign the material related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- On the *Value Allocation* sheets, make the necessary entries.

Equipment Classification

To assign class and characteristic values to equipment, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill the following fields:

- *Class Type*: **002**
- *Class Name*: **<Equipment Class Name>** (Technical Name)
- *Object Key*: **<Equipment number>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheet.

Functional Location Classification

To assign class and characteristic values to functional location, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **003**
- *Class Name*: **<Functional location Class Name>** (Technical Name)
- *Object Key*: **<Functional location>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)

- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Inspection Characteristics Classification

To assign class and characteristic values to inspection characteristics, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **005**
- *Class Name*: **<Inspection characteristics Class Name>** (Technical Name)
- *Object Key* : concatenate **< Plant & Master Inspection Characteristic>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Inspection Methods Classification

To assign class and characteristic values to inspection methods, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **006**
- *Class Name*: **<Inspection methods Class Name>** (Technical Name)
- *Object Key* : concatenate **< Plant & Inspection Method>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Code Groups Classification

To assign class and characteristic values to code groups, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **007**
- *Class Name*: **<Code Groups Class Name>** (Technical Name)
- *Object Key* : concatenate **< Catalog & Code Group>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Selected Sets Classification

To assign class and characteristic values to selected sets, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **008**
- *Class Name*: **<Selected Sets Class Name>** (Technical Name)
- *Object Key* : concatenate **< Plant & Catalog & Selected Set>** to assign the variants related class
- *Status*: **1**

- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Vendor Classification

To assign class and characteristic values to vendor, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **010**
- *Class Name*: **<Vendor Class Name>** (Technical Name)
- *Object Key*: **<Vendor>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Customer Classification

To assign class and characteristic values to customer, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **011**
- *Class Name*: **<Customer Class Name>** (Technical Name)
- *Object Key*: **<Customer>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Message Item Classification (SAP S/4HANA only)

To assign class and characteristic values to a message item, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **015**
- *Class Name*: **<Message Item Class Name>** (Technical Name)
- *Object Key*: concatenate **< Notification Number (char(12)) & Item Number in Item Record (char(4)>** with leading zero to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Document Management Classification

To assign class and characteristic values to document, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **017**
- *Class Name*: **<Document Class Name>** (Technical Name)

- *Object Key*: **<Document Info Record key>** in concatenated form, which is to concatenate: Document Type, Document number (with leading 0), Document Version and Document Part, to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- *Value Allocation* sheets.

Work Center Classification

To assign class and characteristic values to work center, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **019**
- *Class Name*: **<Work Center Class Name>** (Technical Name)
- *Object Key*: concatenate **< Plant & Work Center>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Material Classification for Batches

Batches are classified using the Batch unique at material and client level [page 1093] or Batch unique at plant level [page 1096] migration object, but you need to assign the batch class to the material with this object first. To assign the batch class, the source file must only contain the *Header Data* sheet. You can then fill in the following fields:

- *Class Type*: **022 or 023**
- *Class Name*: **<Class Name>**
- *Object Key*: **<Material number>** to assign to the batch related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- *Value Allocation* sheets **must not** be maintained in this case!

Engineering Change Management Classification

To assign class and characteristic values to engineering change management, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **025**
- *Class Name*: **<Engineering Change Management Class Name>** (Technical Name)
- *Object Key*: **< Change Number>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Customer-Material Info Record Classification

To assign class and characteristic values to customer-material info record, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **052**
- *Class Name*: **<Customer-material info record Class Name>** (Technical Name)
- *Object Key*: concatenate **< Sales Organization & Distribution Channel & Customer number & Material Number>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Purchasing Info Record Classification

To assign class and characteristic values to purchasing info record, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **057**
- *Class Name*: **<Purchasing Info Record Class Name>** (Technical Name)
- *Object Key*: concatenate **< Number of purchasing info record & Material Number & Supplier's Account Number>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Maintenance Plan Classification

To assign class and characteristic values to maintenance plan, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill in the following fields:

- *Class Type*: **080**
- *Class Name*: **<Maintenance Plan Class Name>** (Technical Name)
- *Object Key*: **<Maintenance Plan>** to assign the variants related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Material – Configurable Objects Classification

To assign class and characteristic values to material-configurable objects, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill the following fields:

- *Class Type*: **200**
- *Class Name*: **<Material - configurable objects Class Name>** (Technical Name)
- *Object Key*: **<Material number>** to assign the material - configurable objects related class
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)

- On the *Value Allocation* sheets, make the necessary entries.

Variants Classification

To assign class and characteristic values to variants, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets. On the *Header Data* sheet, fill the following fields:

- *Class Type*: `300`
- *Class Name*: `<Variants Class Name>` (Technical Name)
- *Object Key*: `<Material number>` to assign the variants related class
- *Status*: `1`
- *Valid from date*: (optional) `<valid from date>` (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master, you can enter the characteristic values. Make the necessary entries on the *Value Allocation* sheets.

Value From and *Value To* Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* `ANN` (Year), `2` means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field here. These are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- `1` for EQ (Equal)
- `2` for GE LT (Greater than or equal and Less than)
- `3` for GE LE (Greater than or equal and Less than or equal)
- `4` for GT LT (Greater than and Less than)
- `5` for GT LE (Greater than and Less than or equal)
- `6` for LT (Less than)
- `7` for LE (Less than or equal)
- `8` for GT (Greater than)
- `9` for GE (Greater than or equal)

Input example:

- *VALUE_FROM*: `20`
- *VALUE_TO*: `28`
- *VALUE_RELATION*: `2`

Imported value:

- `20≤ X <28`

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* `ANN` (Year), and the *VALUE_FROM* field has the value `2`, and if the *UNIT_FROM* field has the *ISO UOM* `MON`, then the two years are converted to months, and the system displays 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

The *Instance counter* field has been removed from SAP S/HANA release 1802 because this field is used in the user-defined data type, and not supported in SAP S/4HANA, for more details please see SAP Note 2267878.

Example

- *Class Type*: **001**
- *Class Name*: **MAT_HIER_1**
- *Object Key*: **FG29**
- *Characteristic Name*: **MAT_C_HIER_1**

The hierarchy definition is as follows::

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign *A_Second_Level_3*, you make the following entries in the *Character* value allocations structure:

1. Fill the key fields as described above.
2. *Item number*: **001**
   If you have to set more values for the same characteristic, increase the number by 1.
3. *Characteristic Value Neutral Long*: **A_Second_Level_3**.

New *Characteristic Value (DATE)* and *Characteristic Value (TIME)* columns:

As of SAP S/4HANA release 1802, you can enter values for *Lower Boundary for Date-Interval* and *Upper Boundary for Date-Interval* in the new *Characteristic Value (DATE)* columns on the *Classification NUM Values* sheet in the migration template. The same applies for *Lower Boundary for Time-Interval* and *Upper Boundary for Time-Interval* in the new *Characteristic Value (TIME)* columns. Please note that values entered for *Internal Floating Point Value From* and *Internal Floating Point Value To* in the *Characteristic Value* columns are always given priority. When you enter values for these fields, values entered for *Characteristic Value (DATE)* and *Characteristic Value (TIME)* will not be considered during the migration.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transcription CL24N (Choose ▶ *Class* ▶ *Class Type* ▶ view)	*Assigning Objects or Classes to Class*

Further Information

- For import information for classification see SAP Note 2267878.

Available Migration Objects [page 2] in SAP S/4HANA.

1.309 *Object classification - Inspection method (QMTB)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	The assignment of inspection method to a class. When you assign inspection method to a class, you assign values for the inspection method to the characteristics in that class.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Class type Inspection Method (006) is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values
- Change Number

Prerequisites

The following objects must have already been maintained or migrated:

- Characteristic [page 1107]
- Class [page 1115]
- QM - Inspection method [page 1316]

Validity Period and Dependencies

Business objects that reference this object need be created within the correct validity period.

If a successor object is created with a validity period that starts before the validity period of this object, this can cause an error message during the creation or migration of the successor object. Therefore, verify the time dependencies before you create or migrate your objects. This avoids error messages and inconsistent data in your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header data (mandatory)	
2		Numerical value allocation
3		Currency value allocation
4		Character value allocation

Inspection Method Classification

To assign class and characteristic values to inspection method, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- In the *Header Data* sheet, enter the values for the following fields:
- *Class Type*: `006`

- *Class Name*: **<Inspection Method Class Name>** (Technical Name)
- *Plant for Inspection Method*: **<Plant for Inspection Method>**
- *Inspection Method*: **<Inspection Method>**
- *Status*: **1**
- *Valid from date*: (optional) **<valid from date>** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master value, enter the necessary values in the *Value Allocation* sheets.

Value From and Value To Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* **ANN** (Year), **2** means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field. These are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- 1 for EQ (Equal to)
- 2 for GE LT (Greater than or equal to and less than)
- 3 for GE LE (Greater than or equal to and less than or equal to)
- 4 for GT LT (Greater than and less than)
- 5 for GT LE (Greater than and less than or equal to)
- 6 for LT (Less than)
- 7 for LE (Less than or equal to)
- 8 for GT (Greater than)
- 9 for GE (Greater than or equal to)

Input example:

VALUE_FROM: 20

VALUE_TO: 28

VALUE_RELATION: 2

Imported value:

$20 \leq X < 28$

Unit of Measurement (UOM) *UNIT_FROM* **and** *UNIT_TO* **Fields**

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* ANN (Year), and the *VALUE_FROM* field has the value 2, and if the *UNIT_FROM* field has the *ISO UOM* MON, then the two years are converted to months, which is displayed as 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

Example

- *Class Type*: 001
- *Class Name*: MAT_HIER_1
- *Object Key*: FG29
- *Characteristic Name*: MAT_C_HIER_1

The hierarchy definition is as follows:

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign *A_Second_Level_3*, enter the following entries in the *Character* value allocations structure:

1. Enter the key fields as described above.
2. *Item number*: 001
   If you have to set more values for the same characteristic, increase the number by 1.
3. *Characteristic Value Neutral Long*: A_Second_Level_3.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

Transaction QS34	*Display Inspection Methods*

Further Information

- For import information for classification, see SAP Note 2267878.

- For this migration object, SAP offers a prefilled XML sample template to help you fill out your data migration template. Use this link to navigate to the Data Migration Template Samples for SAP S/4HANA Cloud (for customers and partners only).

Available Migration Objects [page 2] in SAP S/4HANA.

1.310 *Object classification - Selected set (QPAM)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	The assignment of Select Set to a class. When you assign Select Set to a class, you assign values for the Select Set to the characteristics in that class.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Assign object classes (assign object class name and characteristic values):
    1. Class type Select Set (008) is supported.

Out of Scope

1. Class type other than Select Set

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values
- Change Number

Prerequisites

The following objects need to have already been maintained or migrated:

- Characteristic [page 1107]
- Class [page 1115]
- QM - Selected set [page 1502]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period.

If a successor object is created with a validity period that starts before the validity period of this object, this can cause an error message during the creation or migration of the successor object. Therefore, verify the time dependencies before you create or migrate your objects. This avoids error messages and inconsistent data in your database

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Numerical Value Allocation
2		Currency Value Allocation
2		Character Value Allocation

Document Classification

To assign class and characteristic values to your document, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- In the *Header Data* sheet, enter the values for the following fields:

- *Class Type*: `008`
- *Class Name*: `<Select Set Class Name>` (Technical Name)
- *Plant*: `<Plant>`
- *Catalog*: `<Catalog>`
- *Selected Set*: `<Selected Set>`
- *Status*: `1`
- *Valid from date*: (optional) `<valid from date>` (system date if not filled)
- In the *Value Allocation* sheets, make the necessary entries.

Value From and *Value To* Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* `ANN` (Year), `2` means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field. These units are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- `1` for EQ (Equal to)
- `2` for GE LT (Greater than or equal to and less than)
- `3` for GE LE (Greater than or equal to and less than or equal to)
- `4` for GT LT (Greater than and less than)
- `5` for GT LE (Greater than and less than or equal to)
- `6` for LT (Less than)
- `7` for LE (Less than or equal to)
- `8` for GT (Greater than)
- `9` for GE (Greater than or equal to)

Input example:

- *VALUE_FROM*: `20`
- *VALUE_TO*: `28`
- *VALUE_RELATION*: `2`

Imported value:

- `20≤ X <28`

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* `ANN` (Year), and the *VALUE_FROM* field has the value `2`, and if the *UNIT_FROM* field has the *ISO UOM* `MON`, then the two years are converted to months which is displayed as 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

Example

- *Class Type*: **008**
- *Class Name*: **DOC_HIER_1**
- *Plant*: **1710**
- *Catalog*: **1**
- *Selected Set*: **SURFACE**
- *Characteristic Name*: **DOC_C_HIER_1**

The hierarchy definition is as follows:

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign *A_Second_Level_3*, enter following entries in the *Character* value allocations structure:

1. Enter the key fields as described above.
2. *Item number*: 001
   If you want to set more values for the same characteristic, increase the number by 1.
3. *Characteristic Value Neutral Long*: A_Second_Level_3.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction QS51	*Edit Selected Sets*
Transaction QS52	*Display selected set index*

Available Migration Objects [page 2] in SAP S/4HANA.

1.311 *Object classification - Code group (QPGR)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)
Business Object Type	Master data
Business Object Definition	The assignment of code group to a class. When you assign code group to a class, you assign values for the code group to the characteristics in that class.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Class type Code Group (007) is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values
- Change Number

Prerequisites

The following objects need to have already been maintained or migrated:

- Characteristic [page 1107] (dependent on class type)
- Class [page 1115] (dependent on class type)
- QM/PM - Catalog code group/code [page 1471] (dependent on class type)

Validity Period and Dependencies

Business objects that reference this object need be created within the correct validity period.

If a successor object is created with a validity period that starts before the validity period of this object, this can cause an error message during the creation or migration of the successor object. Therefore, verify the time dependencies before you create or migrate your objects. This avoids error messages and inconsistent data in your database

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header data (mandatory)	
2		Numerical value allocation
3		Currency value allocation
4		Character value allocation

Code Group Classification

To assign class and characteristic values to code group, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- In the *Header Data* sheet, enter the values for the following fields:
- *Class Type*: **`007`**
- *Class Name*: **`<Code Group Class Name>`** (Technical Name)
- *Catalog*: **`<Catalog>`**
- *Code Group*: **`<Code Group>`**
- *Status*: **`1`**
- *Valid from date*: (optional) **`<valid from date>`** (system date if not filled)
- If you want to use a domain restriction value that is different from the characteristic master value, enter the necessary values in the *Value Allocation* sheets.

Value From and Value To Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* **`ANN`** (Year), **`2`** means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field. These units are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- 1 for EQ (Equal to)
- 2 for GE LT (Greater than or equal to and less than)

- 3 for GE LE (Greater than or equal to and less than or equal to)
- 4 for GT LT (Greater than and less than)
- 5 for GT LE (Greater than and less than or equal to)
- 6 for LT (Less than)
- 7 for LE (Less than or equal to)
- 8 for GT (Greater than)
- 9 for GE (Greater than or equal to)

Input example:

VALUE_FROM: 20

VALUE_TO: 28

VALUE_RELATION: 2

Imported value:

20 ≤ X < 28

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* ANN (Year), and the *VALUE_FROM* field has the value 2, and if the *UNIT_FROM* field has the *ISO UOM* MON, then the two years are converted to months, which is displayed as 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

Example

- *Class Type*: 001
- *Class Name*: MAT_HIER_1
- *Object Key*: FG29
- *Characteristic Name*: MAT_C_HIER_1

The hierarchy definition is as follows:

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign *A_Second_Level_3*, enter the following entries in the *Character* value allocations structure:

1. Enter the key fields as described above.
2. *Item number*: 001
   If you have to set more values for the same characteristic, increase the number by 1.

3. *Characteristic Value Neutral Long*: A_Second_Level_3.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

Transaction QS42	*Display Catalog*

Further Information

- For import information for classification, see SAP Note 2267878.
- For this migration object, SAP offers a prefilled XML sample template to help you fill out your data migration template. Use this link to navigate to the Data Migration Template Samples for SAP S/4HANA Cloud (for customers and partners only).

Available Migration Objects [page 2] in SAP S/4HANA.

1.312 *Object classification - Inspection characteristic (QPMK)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Classification (CA-CL)

Business Object Type	Master data
Business Object Definition	The assignment of Inspection Characteristic to a class. When you assign Inspection Characteristic to a class, you assign values for the Inspection Characteristic to the characteristics in that class.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Assign object classes (assign object class name and characteristic values):
    1. Class type Inspection Characteristic (005) is supported.

Out of Scope

1. Class type other than Inspection Characteristic

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Values
- Change Number

Prerequisites

The following objects need to have already been maintained or migrated:

- Characteristic [page 1107]
- Class [page 1115]
- QM - Master inspection characteristic [page 1377]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period.

If a successor object is created with a validity period that starts before the validity period of this object, this can cause an error message during the creation or migration of the successor object. Therefore, verify the time dependencies before you create or migrate your objects. This avoids error messages and inconsistent data in your database

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Numerical Value Allocation
2		Currency Value Allocation
2		Character Value Allocation

Document Classification

To assign class and characteristic values to your document, the source file must contain the *Header Data* sheet and the *Value Allocation* sheets:

- In the *Header Data* sheet, enter the values for the following fields:
- *Class Type*: **`005`**
- *Class Name*: **`<Inspection Characteristic Class Name>`** (Technical Name)
- *Plant*: **`<Plant>`**
- *Master Inspection Characteristics*: **`<Master Inspection Characteristics>`**
- *Status*: **`1`**
- *Valid from date*: (optional) **`<valid from date>`** (system date if not filled)
- In the *Value Allocation* sheets, make the necessary entries.

Value From and *Value To* Fields

The values in the *Value From* and *Value To* fields always relate to the unit of measurement of the characteristic.

For example, if the unit of measurement of the characteristic is *ISO UOM* **`ANN`** (Year), **`2`** means two years. The system ignores units in the *Base unit of measure From (ISO Format)* field and the *Base unit of measure To (ISO Format)* field. These units are only displayed later.

Relational Operators to Define the Intervals

You have the following input options:

- **`1`** for EQ (Equal to)
- **`2`** for GE LT (Greater than or equal to and less than)

- **3** for GE LE (Greater than or equal to and less than or equal to)
- **4** for GT LT (Greater than and less than)
- **5** for GT LE (Greater than and less than or equal to)
- **6** for LT (Less than)
- **7** for LE (Less than or equal to)
- **8** for GT (Greater than)
- **9** for GE (Greater than or equal to)

Input example:

- *VALUE_FROM*: **20**
- *VALUE_TO*: **28**
- *VALUE_RELATION*: **2**

Imported value:

- **20≤ X <28**

Unit of Measurement (UOM) *UNIT_FROM* and *UNIT_TO* Fields

If the unit of measurement value specified here in the classification does not equal the unit of measurement value of the characteristic, the output is converted into the classification's unit of measurement.

For example, if the characteristic has the *ISO UOM* **ANN** (Year), and the *VALUE_FROM* field has the value **2**, and if the *UNIT_FROM* field has the *ISO UOM* **MON**, then the two years are converted to months which is displayed as 24 months.

Character-Type Characteristic Values

You can enter values in the *Characteristic Value Neutral* field. Make sure that you use values that match the format and domain specification of the characteristic.

Example

- *Class Type*: **005**
- *Class Name*: **DOC_HIER_1**
- *Plant*: **1710**
- *Master Inspection Characteristics*: **MIC_TST1**
- *Characteristic Name*: **DOC_C_HIER_1**

The hierarchy definition is as follows:

Level	Neutral Value		
1	AB_Root_Level_1		
2		A_First_Level_2	
3			A_Second_Level_3
2		B_First_Level_2	

If you want to assign *A_Second_Level_3*, enter following entries in the *Character* value allocations structure:

1. Enter the key fields as described above.
2. *Item number*: 001

If you want to set more values for the same characteristic, increase the number by 1.

3. *Characteristic Value Neutral Long*: A_Second_Level_3.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction QS24	*Display master insp. charac. version*

Available Migration Objects [page 2] in SAP S/4HANA.

1.313 *CO - Business process*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	CO-OM-ABC
Business Object Type	MD
Business Object Definition	Business process (CO-OM-ABC): Process in a company that uses resources and can involve the activities of different departments. A business process can consume the output of multiple cost centers in a controlling area.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of Basic Data
2. Migration of Organization
3. Migration of Attributes
4. Migration of Allocation
5. Migration of Templates

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Business Process

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Profit center [page 1406]

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Business Process (Mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

CP02	*Change Business process*
CP03	*Display Business process*

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.314 *CO - Statistical key figure*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Statistical Key Figure (CO)
Business Object Type	Master data

Business Object Definition	The statistical values that describe:: • Cost centers • Orders • Business processes • Profit centers There are the following types of statistical key figures: • Fixed value Fixed values are carried forward from the current posting period to all subsequent posting periods. • Total value Totals values are posted in the current posting period only.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Statistical Key Figure

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Statistical Key Figure

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Statistical Key Figure (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

KK03	*Display Statistical Key Figure*

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.315 *Condition contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Condition Contract Settlement (LO-GT-CCS)
Business Object Type	Transactional data
Business Object Definition	Serves as an agreement between dedicated business partners like Customers or Suppliers, and contains conditional information as well as settlement-related information such as settlement dates etc. Completed integration into pricing, to determine which conditions are relevant for posting to FI/CO (Accruals), is the basis on which to create a contract-based settlement document.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Condition Contract Header
- Header Texts
- Condition Structure Fields
- Item Condition
- Condition Scale
- Business Volume Base
- Calendar Data
- Eligible Partners
- Texts for Eligible Partners

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Customer [page 1200]
- Supplier [page 1564]
- Condition record for pricing (general template) [page 1167]

Mapping Instructions

Condition Contract Header

The Condition Contract Header structure contains the business partner, the condition contract type, a validity interval, the document status, currency information, exchange rate, terms of payment, purchasing organization and sales area.

Header Texts

The Header Texts structure contains the different text objects which are stored on header level of the condition contract.

Condition Structure Fields

The Condition Structure fields contain the corresponding condition-table-related information. The table number, the condition type, the validity of the condition , the order key and the condition table key fields must

be specified. The order key, which is defined here for the condition structure, must be used consistently if you define the item conditions and the condition scale settings.

Item Condition

The Item Condition structure contains the corresponding fields which define the condition such as the amount, calculation type or currency. The order key must be part of the condition structure field table.

Condition Scale

The Condition Scale contains the corresponding fields which define the condition scales. The order key must be part of the condition structure field table.

Business Volume Base

The Business Volume Base structure contains the business volume selection criteria. You must specify the order key, the field combination, the include/exclude indicator and selection fields related to a field combination.

Settlement Dates

The Settlement Dates structure contains the settlement dates for the different types of settlement (delta accruals, partial, final, delta, and accruals deferral settlement). You must specify the order key, the settlement date type, and the settlement date as a minimal data set. All other fields are optional.

Eligible Partners

The Eligible Partners structure contains the eligible partners for the condition contract. You must specify the order key and an eligible partner as a minimal data set. All other fields are optional. You cannot pass data for different eligible partner types at the same time.

Texts for Eligible Partners

The Eligible Partner Texts structure contains the different text objects which are stored on the level of the eligible partner. The order key is used to link the text and the eligible partner entry.

Mapping Structure Hierarchy

Level	Name	
1	Condition Contract Header (mandatory)	
2		Header Texts (optional)
2		Condition Structure Fields (optional)
2		Item Condition (optional)
2		Condition Scale (optional)
2		Business Volume Base (optional)
2		Settlement Dates (optional)
2		Eligible Partners (optional)

Level	Name	
3		Texts for Eligible Partners (optional)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction WCOCO	*Process Condition Contract*

Available Migration Objects [page 2] in SAP S/4HANA.

1.316 *Condition record for pricing (general template)*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This is the most complex and comprehensive object to migrate condition records for pricing. There are also tailored migration objects available with a limited number of available key fields : Condition record for pricing in sales (restricted) [page 1495] or Condition record for pricing in purchasing (restricted) [page 1374].

Purpose

Business Object Component/Area	Price conditions for sales and purchasing. During pricing, the system automatically transfers pricing data from the price conditions, for example in Sales and Distribution. Prices, surcharges, and discounts are determined in sales and billing documents.
Business Object Type	Master data
Business Object Definition	The term pricing is broadly used to describe the calculation of prices (for external use by customers or vendors). Conditions represent a set of circumstances that apply when a price is calculated.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The following condition records are supported (including scales if applicable):

1. Prices
2. Discounts
3. Surcharges

Out of Scope

It is not possible to migrate additional information like "Lower limit" or "Upper Limit".

Supported Features

The following structures/features are supported in SAP S/4HANA:

All structures/features are supported.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Customer [page 1200]
- Supplier [page 1564]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Sales condition records (mandatory)	
2		Key fields for Conditions (mandatory)
2		Scales

For more information on how to fill the condition keys, please refer to SAP Note 2332748.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction `VK13`	*Price Conditions*
Transaction `MEK3`	*Display Conditions (Purchasing)*

Examples

Example of a Quantity-Based Scale:

Scale quantity	Scale unit of measure	Scale rate	Scale currency
1,000	EA	100,00000	EUR
100,000	EA	90,00000	EUR

Example of a Scale-Based on Gross Weight:

Scale quantity	Scale unit of measure	Scale rate	Scale currency
1,000	KG	100,00000	EUR
100,000	KG	90,00000	EUR

Example of a Value Scale:

Scale value	Scale currency	Scale percentage
100,000000	EUR	5,000000
1000,000000	EUR	10,000000

Available Migration Objects [page 2] in SAP S/4HANA.

1.317 *VC - Configuration profile*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Variant Configuration (LO-VC)
Business Object Type	Master data
Business Object Definition	An object in which you enter configuration parameters for a configurable object. Each Material must be assigned to at least one class with a class type that supports variant configuration.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Attributes
- Global dependencies
- Basic data of local dependency
- Descriptions of dependency
- Documentations of dependency

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Object classification - General template [page 1135]
- Change number (optional)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Attributes (mandatory)		
2		Global dependencies (optional)	
2		Basic data of local dependency (optional)	
3			Descriptions of dependency (optional)
3			Documentations of dependency (optional)

Detailed Mapping Instructions

- *Attributes*
  Configuration profile name must be unique.

- *Global Dependencies*
  Maintain global dependencies of configuration profile.
- *Basic Data of Local Dependency*
  Maintain local dependencies of configuration profile. Maintain a source code in one line (string), for each local dependency.

  > **i** Note
  >
  > Local dependencies with syntax errors in the source code cannot be loaded. In the case of syntax errors, an error message will be displayed and the configuration profile will be skipped for migration.

- *Descriptions of Dependency*
  Enter a local dependency description, one in each language.

  > **i** Note
  >
  > The *Descriptions of dependency* sheet, should contain at least one description per local dependency. Otherwise, an error message, `Maintain at least one description for the dependency`, will be raised.

- *Documentation of Dependency*
  Enter a local dependency documentation, one in each language.

  > **i** Note
  >
  > Documentation cannot be maintained without description in the corresponding language.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction PMEVC	*Variant Configuration Modeling Envmt*
Transaction CU43	*Display Configuration Profile*

Available Migration Objects [page 2] in SAP S/4HANA.

1.318 *Consent*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Consent (CA-GTF-CON)
Business Object Type	Consent Record
Business Object Definition	Consent is an assent given by the data subject that allows lawful processing of their personal data. It facilitates proving legality and ensures the correct processing of personal data according to the purpose for which it was given.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Initial load of Consent Records and the corresponding texts
2. Delta load of Consent Records and the corresponding texts

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Consent
- Consent Text

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Consent (mandatory)

Level	Name	
2		Consent text (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction CM_DISPLAY_CONSENT	*Search and Display Consent Records*

Available Migration Objects [page 2] in SAP S/4HANA.

1.319 *MM - Purchase contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Purchasing (MM-PUR)
Business Object Type	Transactional data
Business Object Definition	A form of longer-term purchase agreement against which materials or services are released (ordered or called off), based on requirements, over a predefined period. You can migrate two different types of purchase contracts: • Quantity Contract • Value Contract

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Header Data
2. Vendor Address
3. Header Texts
4. Item Data
5. Delivery Addresses
6. Account Assignment

   > **i Note**
   >
   > The following Account Assignment Categories are supported:
   > - Cost Center
   > - Profit Center
   > - Order
   > - Asset
   > - WBS Element
   > - Sales Document

7. Item Texts

Out of Scope

1. Master conditions:
   During the creation of outline agreements, you can specify just one time period for each variable key. This means that you can specify a period for the document header (that is, condition table A019), for each item (that is, condition table A016), and for each item/plant combination (that is, condition table A068).

   > **i Note**
   >
   > If an info record is already available, the price will be taken over from this info record.

2. Scales are not supported during the creation of outline agreements.
3. Volume rebate conditions in outline agreements are not taken into account.
4. No subitems (for example, inclusive/exclusive bonus quantity, display, and so on) are taken into account.
5. The control key for quantity management in procurement (`EKPO-SSQSS`), and the certificate category (`EKPO-ZGTYP`) are only taken into account to a certain extent: This information is copied from the reference contract or the material master record, but can't be changed, and no checks are carried out for these two fields.
6. The revision level (`EKPO-REVLV`) is not changeable, because various quality management routines haven't been implemented.

7. Version management (document change management) is not supported.
8. External services (planned and unplanned services) are not supported.
9. Creation of configurations is not supported.
10. The following item categories are not supported:
    - Third-Party
    - Enhanced Limits
    - Consignment
    - Subcontracting
11. Multi-level item hierarchy is not supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header Data
- Supplier Address
- Header Texts
- Item Data
- Delivery Addresses
- Account Assignment
- Item Texts

Prerequisites

The following objects/data must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]
- CO - Cost center [page 1345]
- Insert the object: SIF_PRCTR_MASTER
- *WBS element*
- Fixed asset (incl. balances and transactions) [page 1285]
- FI - G/L account [page 1302] (expense account used in account assignment category)
- MM - Purchasing info record with conditions [page 1465] (if conditions are to be taken over)

Mapping Instructions

- During migration, you can choose between internal and external number assignment for the purchasing document. Item numbers will be migrated 1:1 from the migration template to the data.
- Net Price: Please provide the price as a manual price on item level. Additional conditions are not supported. If a purchasing info record for an item already exists, the conditions (inclusive scales) will be

taken over from this info record. You have to check and ensure that the validity period of the conditions matches the validity period stipulated for the agreement.

- Although the multi-level item hierarchy fields `HL_ITEM` and `ISOUTLINE` are available, they cannot be used. For details see SAP Note 3072692 – *Migration Cockpit: Multi-level Item Hierarchy Fields in Purchase Contracts*.

Mapping Structure Hierarchy

Level	Name		
1	Header Data (mandatory)		
2		Supplier Address	
2		Header Texts	
2		Item Data (mandatory)	
3			Delivery Address
3			Account Assignment
3			Item Texts

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction ME33K	*Display Contract*
Transaction ME3L	*Purchasing Documents per Supplier*
Transaction ME3K	*Purchasing Documents per Supplier (General)*

Available Migration Objects [page 2] in SAP S/4HANA.

1.320 *Customer - extend existing record by multiple addresses*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-CM)
Business Object Type	Master data
Business Object Definition	A customer is a business partner with whom a business relationship exists that involves the issue of goods or services. The customer orders goods from the company and is one of the most commonly used master data objects, used by almost all business applications. At SAP, there are different object models for the customer. In the traditional SAP ERP system, customer master data is used. In all new strategic applications, such as SAP CRM, SAP SRM, and many industry solutions, the business partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Extend existing customers with multiple address details for the following stuctures:

1. General data
2. General data address dependent attributes
3. Sales data address dependent attributes
4. Unloading points address dependent attributes
5. Receiving points address dependent attributes
6. Departments address dependent attributes
7. Tax numbers address dependent attributes

Out of Scope

1. Updates of existing fields or records.

> **i** Note
>
> This migration object is based on the assumption that the business partner and customer are using the same partner ID. If you've customized your system in a different way, you need to adjust the migration object. If you need to adjust the migration object, you can use the migration object modeler or ask for consultative support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

All listed structures and features are supported.

Prerequisites

This migration object is only relevant if you've activated the "Adoption of multiple addresses in the order-to-cash scenario" functionality in the system.

For more information, refer to Multiple Address Handling for Customer Master Data in Business Partner.

The following objects need to have already been maintained or migrated:

- Customer [page 1200]

Mapping Instructions

Run ID

On each sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. You can't import the same source record more than once in the same project. The *Run ID* field is an additional key field to which you can import the same customer more than once.

For example, in the first step, import customer "A" with new sales data. In the second step, import the same customer "A" with another sales or unloading point.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates on the same SAP S/4HANA target instance within the same migration run with different run IDs are not allowed. During processing, the duplicate instances are skipped with an error message.

Mapping Structure Hierarchy

Level	Name	
1	General Data (mandatory)	
2		General data addr. dep. attr.
2		Sales data addr. dep. attr.
2		Unloading points addr. dep. attr.

Level	Name	
2		Receiving points addr. dep. attr.
2		Departments addr. dep. attr.
2		Tax numbers addr. dep. attr.

> **i** Note
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.321 *Customer - extend existing record by new org levels (depr.)*

Available Migration Objects [page 2] in SAP S/4HANA.

> **⚠** Caution
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

> **→** Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.

Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-CM)
Business Object Type	Master data
Business Object Definition	A customer is a business partner with whom a business relationship exists that involves the issue of goods or services. The customer orders goods from the company and is one of the most commonly used master data objects, used by almost all business applications. At SAP, there are different object models for the customer. In the traditional SAP ERP system, customer master data is used. In all new strategic applications, such as SAP CRM, SAP SRM, and many industry solutions, the business partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Extend existing customers with new organization levels or extend existing suppliers or contract partners as customer with the same number.
2. General data (only fields that are relevant when you extend a supplier or contract partner as customer)
3. BP Roles
4. Additional addresses
5. Sales data including sales partner functions and sales data texts
6. Company data including dunning, withholding tax, and company texts
7. Bank data
8. Credit card data
9. Industry assignments
10. Tax classification
11. Tax numbers
12. Identification numbers

13. Contact persons, including address data with telephone, fax, and email.
14. VAT registration number against customer (South Korea only)*
15. TAN and exemption number (India only)*
16. Customer hierarchy for invoice summary (Japan only)*
17. Alternative name for payer (Japan only)*
18. Terms of payment with validity period (Japan only)*
19. Tax payment classification (Poland only)*
20. Tax type assignment (Romania only)*
21. VAT Cash Account. Regulation (Portugal only)*

> **i** Note
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Out of Scope

1. Updates of existing fields or records.
2. Sales partners can only be updated together with the related sales data. It isn't possible to extend a sales partner for an existing sales area. The same holds true for sales text data and company text data.
3. Time dependency of addresses.
4. Time dependency of bank data.

> **i** Note
>
> This migration object is based on the assumption that the business partner and customer are using the same partner ID. If you've customized your system in a different way, you need to adjust the migration object. If you need to adjust the migration object, you can use the migration object modeler or ask for consultative support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

All listed structures and features are supported.

Prerequisites

The following objects need to have already been maintained or migrated:

- Customer [page 1200]

- If you want to extend existing suppliers as customers with the same number:
  - Supplier [page 1564]

Mapping Instructions

On the *General Data* sheet, we provide fields that only become relevant when you extend existing suppliers or contract partners as customer with the same number. If you want to extend an existing supplier or contract partner as customer with the same number, you have to enter either the supplier number or contract partner. It's not possible to provide both fields. If you want to extend an existing customer with new organization levels, you have to leave the reference numbers empty.

Please consider: You can't transfer a value in one of the fields provided in the *General Data* sheet when the customer already exists.

If you want to use the *Customer ID* for integration with external systems, you can activate it during migration. At the same time, you must also maintain the *Business System ID* of your source system (to be used for integration) by using the *Convert Values* task. This ensures that the key mapping is added to the central key mapping store of the SAP S/4HANA system. This, however, is only relevant if you extend an existing supplier or contract partner as customer with the same number. If you extend an existing customer with new organization levels, it isn't necessary to switch on the key mapping for the *Customer ID*.

Run ID

On the *General Data* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. You can't import the same source record more than once in the same project. The *Run ID* field is an additional key field to which you can import the same customer more than once.

For example, in the first step, import customer "A" with a new company code or sales view. In the second step, import the same customer "A" with another company code or sales view.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates on the same SAP S/4HANA target instance within the same migration run with different run IDs are not allowed. The duplicate instances are skipped during processing.
>
> Nevertheless, all subitems of the target instance are created at once when processing a target instance for the first time. After successful migration, rerun the migration for each skipped instance to enhance the header data, if necessary. The processing sequence is in ascending order.

Sensitive Fields for Dual Control

If you've activated the *Define Sensitive Fields for Dual Control (Customers)* option in the *Configure Your Solution* app, you must confirm all related customer changes in the *Confirm Customer List* app. Migration of master data records is then considered as changes, and you must confirm them later on. For this reason, you should consider deactivating this option before you start with the data migration, and activate it again afterwards.

Challenge with Cross-References to Another BP

For the customer migration object, you can enter data into fields that could be cross-references to other business partners, for example, alternative payers or ship-to-parties.

If you want to use references to other business partners, make sure these business partners have been created in advance.

Gordian Knot Problem

If you use the partner function for sales data, you can face the following situation.

> **Example**
>
> You have three customers, A, B, and C. They have the following relation:
>
> - A is ship-to-party for B
> - B is ship-to-party for C
> - C is ship-to-party for A

> **Note**
>
> The data combination can't be handled with the data migration object. Please remove some of the combinations and add them later using the BP maintenance UI or BP mass maintenance app.

Challenge with Partner Functions and Contact Persons

Customers can have contact persons assigned who act in a partner capacity. During migration, contact persons are created as separate business partners using internal numbering. Since this new numbering is only created during the migration process, you can't use the contact person number as contact ID for partner functions in one single step.

To assign a contact person as a partner, you need to first create the customer with the contact person but without sales data. Then, use the *Customer - extend existing record by new org levels (depr.)* migration object in the second step to assign the sales data together with the contact person in a partner capacity.

Contact Person ID

You must enter a *Contact Person ID* in the relevant field in the *Contact Person* sheet. This number is required for internal data processing. However, during processing, a new business partner is created with an internal number. This business partner is automatically assigned to the supplier with the corresponding relationship.

Tax Jurisdiction Code Determination via Vertex

If *Vertex* is activated (especially with US installations), the tax jurisdiction code is determined by the address.

If Vertex determines more than one tax jurisdiction code for a record, the migration of this record fails. If this happens, you need to provide a more detailed or accurate address, for example, a US nine-digit ZIP code instead of a five-digit ZIP code.

The more detailed and accurate an address, the better the tax jurisdiction code is determined by Vertex.

For some addresses, Vertex provides more than one tax jurisdiction code. In this case, you need to maintain this record manually or provide a correct tax jurisdiction code within the template.

In the *Suppress Tax Jurisdiction Code Check* field in the *General Data* sheet, you can suppress the check and automatic determination of the *Tax Jurisdiction Code* for each record.

Dunning Data in On-Premise Version

Dunning data is included in the *Company Data* sheet. This dunning data doesn't contain the *Dunning Area* field. If a dunning area is needed, you need to adjust the mapping in your project with the SAP S/4HANA data migration modeler (Transaction `LTMOM`), create a new structure, and maintain the field mapping for this sheet.

Mapping Structure Hierarchy

Level	Name		
1	General Data (mandatory)		
2		Additional Addresses	
2		General Texts	
2		Sales Data	
3			Sales Partner
3			Sales Organization Texts
2		Company Data	
3			Withholding Tax Data
3			Company Texts
2		Bank Data	
2		Credit Card Data	
2		Industries	
2		Tax Classifications	
2		Tax Numbers	
2		Identification Numbers	
2		Contact Person	
2		VAT registration number against customer*	
2		TAN and exemption number*	
2		Customer hier. f. inv. summary*	
2		Alternative name for payer*	
2		Terms of paym. w. val. period*	
2		Tax payment classification*	
2		Tax type assignment*	
2		VAT Cash Account. Regulation*	

> **i Note**
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extensions

> **i** Note
>
> Location-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extension for South Korea

There are three location-specific fields in the general data of the business partner: *Type of Business*, *Type of Industry*, and *Name of Representative*. Note that these fields are overwritten by the latest corresponding fields of the *VAT registration number against customer* data sheet. If there are multiple entries in this sheet, the three fields are updated by the entry with the most recent date. If there's no entry in the *VAT registration number against customer* sheet, the three fields remain the same.

Location-Specific Extension for India

To be able to maintain *TAN-Based ExemptionTAN and exemption number* sheet for India, maintain information in the *Withholding Tax Type* and *Withholding Tax Code* in the *Withholding Tax Data* sheet first.

Location-Specific Extension for Poland

The tax payment classification is used to maintain the VAT payment type for the customer. There are three possible options:

1. VAT payment type 1: *Split Disabled* information in – This means that the customer can't be used for split payment between the given date range
2. VAT payment type 2: *Split Enabled* – This means that the customer can be used for split payment between the given date range
3. VAT payment type 3: *Split Mandatory* – This means that the customer needs to be used for split payment between the given date range

For a customer, the validity date ranges in the *Tax payment classification* sheet cannot overlap between different records of one customer and must be continuous.

Location-Specific Extension for Romania

Business partners in Romania must be classified for VAT registration.

The tax type classification describes where the customer is registered for VAT. There are four possible options:

1. Tax type 1: Registered for VAT in Romania
2. Tax type 2: Not registered for VAT in Romania
3. Tax type 3: Not established in Romania, but established in the EU
4. Tax Type 4: Not established in the EU

For a customer, the validity date ranges on the *Tax type assignment* sheet cannot overlap between different records of one customer and must be continuous.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.322 *Customer - extend existing record by new org levels*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-CM)
Business Object Type	Master data

Business Object Definition	A customer is a business partner with whom a business relationship exists that involves the issue of goods or services. The customer orders goods from the company and is one of the most commonly used master data objects, used by almost all business applications. At SAP, there are different object models for the customer. In the traditional SAP ERP system, customer master data is used. In all new strategic applications, such as SAP CRM, SAP SRM, and many industry solutions, the business partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Extend existing customers with new organization levels or extend existing suppliers or contract partners as customer with the same number.
2. General data (only fields that are relevant when you extend a supplier or contract partner as customer)
3. BP Roles
4. Additional addresses
5. Sales data including sales partner functions and sales data texts
6. Company data including dunning, withholding tax, and company texts
7. Bank data
8. Credit card data
9. Industry assignments
10. Tax classification
11. Tax numbers
12. Identification numbers
13. Contact persons, including address data with telephone, fax, and email.
14. VAT registration number against customer (South Korea only)*
15. TAN and exemption number (India only)*
16. Customer hierarchy for invoice summary (Japan only)*
17. Alternative name for payer (Japan only)*
18. Terms of payment with validity period (Japan only)*
19. Tax payment classification (Poland only)*
20. Tax type assignment (Romania only)*
21. VAT Cash Account. Regulation (Portugal only)*

> **i Note**
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Out of Scope

1. Updates of existing fields or records.
2. Sales partners can only be updated together with the related sales data. It isn't possible to extend a sales partner for an existing sales area. The same holds true for sales text data and company text data.
3. Time dependency of addresses.
4. Time dependency of bank data.

> **i** Note
>
> This migration object is based on the assumption that the business partner and customer are using the same partner ID. If you've customized your system in a different way, you need to adjust the migration object. If you need to adjust the migration object, you can use the migration object modeler or ask for consultative support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

All listed structures and features are supported.

Prerequisites

The following objects need to have already been maintained or migrated:

- Customer [page 1200]
- If you want to extend existing suppliers as customers with the same number:
  - Supplier [page 1564]

Mapping Instructions

On the *General Data* sheet, we provide fields that only become relevant when you extend existing suppliers or contract partners as customer with the same number. If you want to extend an existing supplier or contract partner as customer with the same number, you have to enter either the supplier number or contract partner. It's not possible to provide both fields. If you want to extend an existing customer with new organization levels, you have to leave the reference numbers empty.

It's possible to assign additional addresses to an existing customer. The external address number must be unique for each customer. You can use the same external address number for different business partners. The address usage is always linked to an address by the external address number.

Please consider: You can't transfer a value in one of the fields provided in the *General Data* sheet when the customer already exists.

If you want to use the *Customer ID* for integration with external systems, you can activate it during migration. At the same time, you must also maintain the *Business System ID* of your source system (to be used for integration) by using the *Convert Values* task. This ensures that the key mapping is added to the central key mapping store of the SAP S/4HANA system. This, however, is only relevant if you extend an existing supplier or contract partner as customer with the same number. If you extend an existing customer with new organization levels, it isn't necessary to switch on the key mapping for the *Customer ID*.

Run ID

On the *General Data* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. You can't import the same source record more than once in the same project. The *Run ID* field is an additional key field to which you can import the same customer more than once.

For example, in the first step, import customer "A" with a new company code or sales view. In the second step, import the same customer "A" with another company code or sales view.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates on the same SAP S/4HANA target instance within the same migration run with different run IDs are not allowed. During processing, the duplicate instances are skipped with an error message.

Sensitive Fields for Dual Control

If you've activated the *Define Sensitive Fields for Dual Control (Customers)* option in the *Configure Your Solution* app, you must confirm all related customer changes in the *Confirm Customer List* app. Migration of master data records is then considered as changes, and you must confirm them later on. For this reason, you should consider deactivating this option before you start with the data migration, and activate it again afterwards.

Challenge with Cross-References to Another BP

For the customer migration object, you can enter data into fields that could be cross-references to other business partners, for example, alternative payers or ship-to-parties.

If you want to use references to other business partners, make sure these business partners have been created in advance.

Gordian Knot Problem

If you use the partner function for sales data, you can face the following situation.

> **Example**
>
> You have three customers, A, B, and C. They have the following relation:
>
> - A is ship-to-party for B
> - B is ship-to-party for C
> - C is ship-to-party for A

> **i Note**
>
> The data combination can't be handled with the data migration object. Please remove some of the combinations and add them later using the BP maintenance UI or BP mass maintenance app.

Challenge with Partner Functions and Contact Persons

Customers can have contact persons assigned who act in a partner capacity. During migration, contact persons are created as separate business partners using internal numbering. Since this new numbering is only created during the migration process, you can't use the contact person number as contact ID for partner functions in one single step.

To assign a contact person as a partner, you need to first create the customer with the contact person but without sales data. Then, use the *Customer - extend existing record by new org levels (depr.)* migration object in the second step to assign the sales data together with the contact person in a partner capacity.

Contact Person ID

You must enter a *Contact Person ID* in the relevant field in the *Contact Person* sheet. This number is required for internal data processing. However, during processing, a new business partner is created with an internal number. This business partner is automatically assigned to the supplier with the corresponding relationship.

Tax Jurisdiction Code Determination via Vertex

If *Vertex* is activated (especially with US installations), the tax jurisdiction code is determined by the address.

If Vertex determines more than one tax jurisdiction code for a record, the migration of this record fails. If this happens, you need to provide a more detailed or accurate address, for example, a US nine-digit ZIP code instead of a five-digit ZIP code.

The more detailed and accurate an address, the better the tax jurisdiction code is determined by Vertex.

For some addresses, Vertex provides more than one tax jurisdiction code. In this case, you need to maintain this record manually or provide a correct tax jurisdiction code within the template.

In the *Suppress Tax Jurisdiction Code Check* field in the *General Data* sheet, you can suppress the check and automatic determination of the *Tax Jurisdiction Code* for each record.

Dunning Data in On-Premise Version

Dunning data is included in the *Company Data* sheet. This dunning data doesn't contain the *Dunning Area* field. If a dunning area is needed, you need to adjust the mapping in your project with the SAP S/4HANA data migration modeler (Transaction `LTMOM`), create a new structure, and maintain the field mapping for this sheet.

Mapping Structure Hierarchy

Level	Name		
1	General Data (mandatory)		
2		Additional Addresses	
2		General Texts	
2		Sales Data	
3			Sales Partner

Level	Name		
3			Sales Organization Texts
2		Company Data	
3			Withholding Tax Data
3			Company Texts
2		Bank Data	
2		Credit Card Data	
2		Industries	
2		Tax Classifications	
2		Tax Numbers	
2		Identification Numbers	
2		Contact Person	
2		VAT registration number against customer*	
2		TAN and exemption number*	
2		Customer hier. f. inv. summary*	
2		Alternative name for payer*	
2		Terms of paym. w. val. period*	
2		Tax payment classification*	
2		Tax type assignment*	
2		VAT Cash Account. Regulation*	

> **i Note**
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extensions

> **i Note**
>
> Location-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extension for South Korea

There are three location-specific fields in the general data of the business partner: *Type of Business*, *Type of Industry*, and *Name of Representative*. Note that these fields are overwritten by the latest corresponding fields

of the *VAT registration number against customer* data sheet. If there are multiple entries in this sheet, the three fields are updated by the entry with the most recent date. If there's no entry in the *VAT registration number against customer* sheet, the three fields remain the same.

Location-Specific Extension for India

To be able to maintain *TAN-Based Exemption* information in the *TAN and exemption number* sheet for India, maintain *Withholding Tax Type* and *Withholding Tax Code* in the *Withholding Tax Data* sheet first.

Location-Specific Extension for Poland

The tax payment classification is used to maintain the VAT payment type for the customer. There are three possible options:

1. VAT payment type 1: *Split Disabled* – This means that the customer can't be used for split payment between the given date range
2. VAT payment type 2: *Split Enabled* – This means that the customer can be used for split payment between the given date range
3. VAT payment type 3: *Split Mandatory* – This means that the customer needs to be used for split payment between the given date range

For a customer, the validity date ranges in the *Tax payment classification* sheet cannot overlap between different records of one customer and must be continuous.

Location-Specific Extension for Romania

Business partners in Romania must be classified for VAT registration.

The tax type classification describes where the customer is registered for VAT. There are four possible options:

1. Tax type 1: Registered for VAT in Romania
2. Tax type 2: Not registered for VAT in Romania
3. Tax type 3: Not established in Romania, but established in the EU
4. Tax Type 4: Not established in the EU

For a customer, the validity date ranges on the *Tax type assignment* sheet cannot overlap between different records of one customer and must be continuous.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.323 *Customer - extend existing record by Thailand branch code*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	LO-MD-BP
Business Object Type	Master data
Business Object Definition	A business partner may have many branches depending on the various locations from where they operate from. A branch code is a 4-digit or a 5-digit code assigned by the Revenue Department in Thailand to uniquely identify each branch of a business partner. In any case, the head office branch carries a branch code of 00000 or 0000.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Branch codes with address information

Out of Scope

1. More than one address
2. International address versions

Supported Features

The following structures/features are supported in SAP S/4HANA:

- All structures/features are supported.

Prerequisites

The following objects must have already been maintained or migrated:

- Customer [page 1200]

Mapping Instructions

- As a prerequisite, you need to migrate the customer master data with the Thailand company code assigned.
- You can only set one branch code as the default branch code. If only one branch code is assigned, it is set as the default automatically.
- If branch codes are already assigned to the customer, you cannot add additional branch codes with a default indicator.
- As the standard method for communication (part of the address information), only the following values are supported: Fax, E-Mail, and Telephone.

Mapping Structure Hierarchy

Level	Name
1	Thailand branch code

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.324 *Customer - extend existing record by Credit Management data*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-CM)
Business Object Type	Master data
Business Object Definition	A customer is a business partner with whom a business relationship exists whereby the customer orders goods or services from the company. This is one of the most commonly used master data objects, used by almost all business applications. At SAP, there are different object models for the customer. In the traditional SAP ERP system, customer master data is used. In all new strategic applications, such as SAP CRM, SAP SRM, and many industry solutions, the business partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Credit management profile data
2. Credit management segment data

Out of Scope

1. Updating existing fields or records
2. Segment data can only be loaded together with the profile data. You cannot add profile data if segment data is already loaded.

> **i** Note
>
> This migration object is based on the assumption that business partner and customer are using the same partner ID. If you have customized your system in a different way, you must adjust the migration object. If you must adjust the migration object, you can use the migration object modeler or ask for consulting support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- All structures/features are supported.

Prerequisites

> **i** Note
>
> If you submit a credit limit amount, the amount value is stored in the *Requested* field on the *Credit Limit* tab. This is the standard behavior when maintaining the credit limit for a business partner. The reason for this is the configuration of the system: Changing the credit limit triggers the *Change to Credit Limit Requested* event with the *LIMIT_REQ* follow-on process. This also happens during migration because the same save mechanism is applied. We recommend disabling this event during migration. If the event is disabled, the credit limit is stored directly in the target field. To disable the event, proceed as follows:
>
> 1. In *Customizing*, navigate to *Financial Supply Chain Management* > *Credit Management* > *Credit Risk Monitoring* > *Processes*.
> 2. Execute *Define Events and Follow-On Processes*.
> 3. In the *Dialog Structure* pane on the left, open *Events* > *Follow-On Processes*.
> 4. Remove the *LIMIT_REQ* follow-on process for the *Change to Credit Limit Requested* event.

The following objects must have already been maintained or migrated:

- Customer [page 1200]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Credit MD for Partner (Profile)	
2		Credit MD for Partner (Segment)

Events and Follow-On Processes

If you have defined *Events and Follow-On Processes* in the *Configure Your Solution* app, you have to be aware that migrated data records will trigger such an event immediately after creation, and migrated values might be changed through the defined events and follow-on processes. For this reason, you should consider deactivating this option before you start with the data migration, and activate it again afterwards

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.325 *SD - Customer Material*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	SD-MD-AM-CMI
Business Object Type	Master data
Business Object Definition	Customer-specific information about a sales material is stored in a customer material.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- CustMat Text
- CustMat Classification
- CustMat Classif Numbers
- CustMat Classif Characteristic
- CustMat Classif Currency

Prerequisites

The following objects must have already been maintained or migrated:

- Class [page 1115]
- Characteristic [page 1107]
- Customer [page 1200]
- Product [page 1432]
- Sales Area

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	General Data (mandatory)		
2		CustMat Text	
2		CustMat Classification	
3			CustMat Classif Numbers
3			CustMat Classif Characteris-tic
3			CustMat Classif Currency

For more information, see the field description of the template file.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction VD51	*Create Customer-Material Info record*
Transaction VD52	*Change Customer-Material Info record*
Transaction VD53	*Display Customer-Material Info record*

Available Migration Objects [page 2] in SAP S/4HANA.

1.326 *Customer*

Available Migration Objects [page 2] in SAP S/4HANA.

→ Tip

This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.

Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-CM)
Business Object Type	Master data
Business Object Definition	A customer is a business partner with whom a business relationship exists, involving the issue of goods or services. The customer orders goods from the company and is one of the most commonly used master data objects, used by almost all business applications. At SAP, there are different object models for the customer. In the traditional SAP ERP system, customer master data is used. In all new strategic applications, such as SAP CRM, SAP SRM and many industry solutions, the business partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. General data with standard address data and localization fields for Brasil, India, Taiwan, South Korea, and Philippines*
2. BP Roles
3. Additional addresses
4. Sales data including sales partner functions and sales data texts
5. Company data including dunning, withholding tax, and company texts
6. Bank data

7. Credit card data
8. Industry assignments
9. Tax classification
10. Tax numbers
11. Identification numbers
12. Contact persons, including address data with telephone, fax, email
13. VAT registration number against customer (South Korea only)*
14. TAN and exemption number (India only)*
15. Customer hierarchy for invoice summary (Japan only)*
16. Alternative name for payer (Japan only)*
17. Terms of payment with validity period (Japan only)*
18. Tax payment classification (Poland only)*
19. Tax type assignment (Romania only)*
20. VAT Cash Account. Regulation (Portugal only)*

> **i Note**
>
> Structures and fields/field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Out of Scope

1. Creation of business partner of type *Group*.
2. Relationship to other business partners.
3. Customer and Supplier are two separate business partners. Therefore, they have two different numbers. With the Supplier - extend existing record by new org levels [page 1553] object, you can create a supplier with the same customer number. As a prerequisite, you have to create the customer first.
4. Time-dependency of addresses.
5. Time-dependency of bank data.

> **i Note**
>
> This migration object is based on the assumption that business partner and customer are using the same partner ID. If you've customized your system in a different way, you must adjust the migration object. If you need to adjust the migration object, you can use the migration object modeler or ask for consulting support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- BP Roles

- Additional Addresses
- General Texts
- Sales Data
- Sales Partner
- Sales Organization Texts
- Company Data
- Withholding Tax Data
- Company Texts
- Bank Details
- Payment Card Data
- Industries
- Tax Classifications
- Tax Numbers
- Identification Numbers
- Contact Persons
- VAT registration number against customer (South Korea only)*
- TAN and exemption number (India only)*
- Customer hierarchy for invoice summary (Japan only)*
- Alternative name for payer (Japan only)*
- Terms of payment with validity period (Japan only)*
- Tax payment classification (Poland only)*
- Tax type assignment (Romania only)*
- VAT Cash Account. Regulation (Portugal only)*

> **i Note**
>
> Structures and fields/field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Prerequisites

> **i Note**
>
> The *Customer Account Group* field must be in sync with your customizing of the *BU grouping*. Otherwise, the grouping will overwrite the account group.

The following objects must have already been maintained or migrated:

- Bank [page 1088]

Mapping Instructions

You have to maintain all business partner roles depending on your business transactions.

All mandatory partner functions are created automatically with the same customer number. If you provide the partner function with a different customer number on the *Partner Functions* sheet, this entry will be taken.

In the UI, the partner function is displayed language-dependent. For data migration, you have to maintain the language-independent database value. See the following example:

Example

English	Migration
SP	AG
SH	WE
PY	RG
BP	RE
ER	ZM

For further information, see SAP Note 2609888.

It's possible to assign more than one address to a customer. The address data from the *General Data* sheet is always the standard address. The address usage is always linked to an address. If you assign only one address to a customer, it isn't necessary to provide an external address number. If you provide additional addresses, the external address number is mandatory. The external address number must be unique for each customer. You can use the same external address number for different business partners.

During migration, you can choose between internal and external number assignment for new customers based on the settings of the BP Grouping.

Assigned contact persons always get an internal number for the new business partner.

With the *BP Grouping* field on the *General Data* sheet, you arrange the different number ranges (internal or external) and the customer account group. It's possible to create customers and one-time customers.

The settings which are made together with your *BP Grouping* customizing will determine whether the customer will be created with internal or external numbering.

If you need to create a business partner with both customer and supplier roles, this can be achieved in a two-step approach. To extend a customer that has already been migrated, you can use the Supplier - extend existing record by new org levels [page 1553] object to add the appropriate supplier data.

If you want to use the *Customer ID* for integration with external systems, you can activate it during migration. At the same time, you must also maintain the *Business System ID* of your source system (to be used for integration) using the *Convert Values* task. This ensures that the key mapping is added to the central key mapping store of the SAP S/4HANA system.

Sensitive Fields for Dual Control

If you've activated the *Define Sensitive Fields for Dual Control (Customers)* option in the *Configure Your Solution* app, you must confirm all related customer changes in the *Confirm Customer List* app. Migration of master data records is then considered as a change, which you must confirm later on. For this reason, you should consider deactivating this option before you start with the data migration, and activate it again afterwards.

Challenge with Cross-References to Another BP

If you want to use these references to other business partners, make sure that these business partners are created in advance.

Gordian Knot ProblemFor the customer migration object, you can enter data into fields that could be cross-references to other business partners, for example, alternative payers or ship-to-parties.

If you use the partner function for the sales data, you might face the following situation.

> Example
>
> You have three customers, A, B, and C. They have the following relation:
>
> - A is ship-to-party for B
> - B is ship-to-party for C
> - C is ship-to-party for A

For the customer migration object, you can enter data into fields that could be cross-references to other business partners, forPlease note that this data constellation can't be handled with the data migration object. Please remove some of the relations and add them later using the BP maintenance UI or BP mass maintenance app.

Challenge with Partner Functions and Contact Persons

Customers might have contact persons assigned who act in partner capacity. During migration, contact persons are created as separate business partners using internal numbering. As this new numbering is only created during the migration process, you can't use the contact person number as contact ID for partner functions in one single step.

To assign a contact person as partner, first create the customer with the contact person, but without sales data. Then, use the Customer - extend existing record by new org levels [page 1187] migration object in a second step to assign the sales data together with the contact person in partner capacity.

Contact Person ID

You must enter a contact person ID in the relevant field on the *Contact person* sheet. This number is required for internal data processing. However, during processing, a new business partner will be created with an internal number. This business partner is automatically assigned to the customer with the corresponding relationship.

Dunning Data in the On-Premise Version

Dunning data is included in the *Company Data* sheet. This dunning data doesn't contain the *Dunning Area* field. If a dunning area is needed, you can use the *Dunning Data* sheet. Please note that this sheet isn't used in the standard shipment. You need to adjust the mapping in your project by using the SAP S/4HANA data migration modeler (Transaction `LTMOM`) to create the structure and field mapping for this sheet.

Tax Jurisdiction Code Determination via Vertex

If *Vertex* is activated (especially on US installations), the tax jurisdiction code is determined by the address.

If Vertex determines more than one tax jurisdiction code for one record, the migration of this record will fail. If this happens, you must provide a more detailed/accurate address, for example, US postal codes with 9 digits instead of 5 digits.

The more detailed and accurate an address is, the more accurately Vertex can determine the tax jurisdiction code.

For some addresses, Vertex will always provide more than one tax jurisdiction code. If that's the case, you must maintain this record manually or provide a correct tax jurisdiction code within the template.

In the *Suppress Tax Jurisdiction Code check* field on the *General Data* sheet, you can suppress the check and the automatic determination of the Tax Jurisdiction Code for each record.

Mapping Structure Hierarchy

Level	Name		
1	General Data (mandatory)		
2		Additional Addresses	
2		General Texts	
2		Sales Data	
3			Sales Partner
3			Sales Organization Texts
2		Company Data	
3			Company Texts
3			Withholding Tax Data
2		Bank Data	
2		Credit Card Data	
2		Industries	
2		Tax Classifications	
2		Tax Numbers	
2		Identification Numbers	
2		Contact Person	
2		VAT registration number against customer*	
2		TAN and exemption number*	
2		Customer hier. f. inv. summary*	
2		Alternative name for payer*	
2		Terms of paym. w. val. period*	
2		Tax payment classification*	
2		Tax type assignment*	
2		VAT Cash Account. Regulation*	

> **i Note**
>
> Structures and fields/field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extensions

> **i** Note
>
> Location-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extension for South Korea

There are three location-specific fields on the *General Data* sheet of the migration template: *Type of Business*, *Type of Industry*, and *Name of Representative*. Note that these fields are overwritten by the latest respective fields of the *VAT registration number against customer* sheet. If there are multiple entries in this sheet, the three fields will be updated by the entry with the most recent date. If there's no entry on the *VAT registration number against customer* data sheet, the three fields will stay as they are.

Location-Specific Extension for India

To be able to maintain *TAN-Based Exemption* information on the *TAN and exemption number* sheet for India, maintain *Permanent Account Number* on the *General Data* sheet as well as *Withholding Tax Type*, and *Withholding Tax Code* on the *Withholding Tax Data* sheet first.

Location-Specific Extension for Poland

The tax payment classification is used to maintain the VAT payment type for the customer. There are three possible options:

1. VAT payment type 1: *Split Disabled* – This means that the customer can't be used for split payment between the given date range.
2. VAT payment type 2: *Split Enabled* – This means that the customer can be used for split payment between the given date range.
3. VAT payment type 3: *Split Mandatory* – This means that the customer must be used for split payment between the given date range.

For a customer, the validity date ranges on the *Tax payment classification* sheet must not overlap between different records of one customer and must be continuous.

Location-Specific Extension for Romania

Business partners in Romania must be classified for VAT registration.

The tax type classification describes where the customer is registered for VAT. There are four possible options:

1. Tax type 1: Registered for VAT in Romania
2. Tax type 2: Not registered for VAT in Romania
3. Tax type 3: Not established in Romania, but established in the EU
4. Tax Type 4: Not established in the EU

For a customer, the validity date ranges on the *Tax type assignment* sheet must not overlap between different records of one customer and must be continuous.

Location-Specific Extension for Philippines

You can find one optional location-specific field, *Business Style*, on the *General Data* sheet of the business partner (with role customer/customer (financial accounting)). This field can be used for the business name registered with the concerned regulatory body used by the taxpayer.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Further Information

- SAP Knowledge Base Article 2848224 – *Migration Cockpit: Collective KBA for Business Partner (Customer, Supplier)*
- SAP Note 2726010 – *Migration Cockpit: Support of custom fields (in-app extensibility)*
- SAP Note 2609888 – *Mandatory partner function SP is missing for sales area*

Available Migration Objects [page 2] in SAP S/4HANA.

1.327 *DG - Assessment for unpackaged product (content-based)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Dangerous Goods (EHS-SUS-DG)
Business Object Type	Master data
Business Object Definition	A dangerous goods assessment for an unpackaged product contains classification data, segregation groups, and information about transport permission.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of dangerous goods assessment data to existing compliance views and existing assessments. Please note that you can only migrate data for compliance assessment based on compliance requirements with a compliance pattern of type *Content-Based*.

Out of Scope

1. Creation of new dangerous goods assessments.
2. Migration of attachments.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Dangerous Goods Assessments
- Basic Classification Details
- Segregation Groups

Prerequisites

The following objects must have already been maintained or migrated:

- PSS - Product compliance info [page 1271] (object for migrating compliance views)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Regulation (mandatory)	
2		Segregation Group

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Available Migration Objects [page 2] in SAP S/4HANA.

1.328 *DG - Assessment for packaged product*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Dangerous Goods (EHS-SUS-DG)
Business Object Type	Master data
Business Object Definition	A dangerous goods assessment for a packaged product contains classification data, dangerous goods descriptions, and information about transport permission for the applicable modes of transport.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of dangerous goods assessment data to existing compliance views and existing assessments.

Please note that you can only migrate data that are subject to a compliance assessment based on compliance requirements with a *Text Based* compliance pattern.

Out of Scope

1. Creation of new Dangerous Goods Assessments.
2. Migration of Attachments.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Dangerous Goods Assessments
- Modes of Transport
- Dangerous Goods Description for Documents
- Packaging Details
- Hazard Labels
- Handling Labels and Markings
- Placard for Hazard Labels
- Placard for Handling Labels

Prerequisites

The following objects must have already been maintained or migrated:

- DG - Assessment for unpackaged product (text-based) [page 1214] (object for migrating dangerous goods assessments for unpackaged products)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Regulation (mandatory)		
2		Modes of Transport	
3			Dangerous Goods Description
2		Packaging and Further Data	

Level	Name	
2		Hazard Labels
2		Handling Labels and Mark- ings
2		Placard for Hazard Labels
2		Placard for Handling Labels

How to Populate a Migration Template

Packaging details are directly assigned to a compliance view. Even though you shoulds enter the internal number, regulation, and processing status as key fields, only the internal number is considered during migration. As a result, you need only one line for the packaging details for one compliance view. If you enter more than one line for a single compliance view, the packaging details data must be identical in all lines.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Data in the System

Available Migration Objects [page 2] in SAP S/4HANA.

1.329 *DG - Technical names for substance*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Migration of substance technical names to existing substances.

Business Object Type	Master data
Business Object Definition	There are cases where the name of a substance, usually entered by the product steward specialist, is not suitable for dangerous goods purposes, for example if it is too long. In such cases, the dangerous goods expert specifies a technical name that is used instead of the substance name.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of technical names to existing substances.

Out of Scope

1. Creation of new substances.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Substance Technical Names

Prerequisites

The following objects must have already been maintained or migrated:

- SIF_SUBSTANCE

Mapping Instructions

Mapping Structure Hierarchy

Level		
1	Substance	
2		Substance Technical Names

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

1.330 *DG - Assessment for unpackaged product (text-based)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Dangerous Goods (EHS-SUS-DG)
Business Object Type	Master data
Business Object Definition	A dangerous goods assessment for an unpackaged product contains classification data, dangerous goods descriptions, and information about transport permission.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Migration of dangerous goods assessment data to existing compliance views and existing assessments.

Out of Scope

1. Creation of new dangerous goods assessments.
2. Migration of attachments.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Dangerous Goods Assessments
- Basic Classification Details
- Basic Description

Prerequisites

The following objects must have already been maintained or migrated:

- PSS - Product compliance info [page 1271] (object for migrating compliance views)
- DG - Assessment for unpackaged product (content-based) [page 1208] (object for migrating compliance views)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Regulation (mandatory)	
2		Basic Description

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Available Migration Objects [page 2] in SAP S/4HANA.

1.331 *Document info record*

Available Migration Objects [page 2] in SAP S/4HANA.

> **i** Note
>
> You can only use this migration object to create a document info record with a long text. It can't be used to migrate any kind of original file to a system or to link to original document files.

Purpose

Business Object Component/Area	Document Management (CA-DMS)
Business Object Type	Master data

Business Object Definition	This fact sheet gives the information associated with a document that has been created in the Document Management System. A document is a carrier of information. This information is either for the user/person responsible or for exchanging between systems. A document contains information that can be stored and it can take many different forms (such as technical drawings, graphics, programs, or text). When complete, this information gives a full description of an object. We use the term document info record to refer to the master record in the SAP System that stores all the business information for a document. While the document info record contains the metadata for a document (such as the storage location), the original file (for example, the design drawing) contains the actual information in the document.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

- Migration of original files
- Link to original files

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Document Data
- Object Links
- Descriptions
- Long Text

Prerequisites

The following objects must have already been maintained or migrated:

- Various Business Objects (to link to the Document Info Record)
- Document types (to link to the Document Info Record)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Document Data (mandatory)	
2		Object Links
2		Descriptions
2		Long Text

Document Data

Document Number, *Document Type*, *Version*, and *Part* must be unique.

In order to create a Document Info Record (DIR) with a reference, create the referenced DIR as an initial step and use the SAP S/4HANA *Document Number*, *Document Part*, and *Version* in the reference fields.

Object Links

Maintain the SAP S/4HANA *Object Type* and *Object Key*. These refer to the SAP S/4HANA objects as defined in the Business Object Repository. For example, an Equipment in SAP S/4HANA can be defined as *Object Type*: `EQUI` and *Object Key*: `000000000123456781`.

Descriptions

In this view, you can maintain additional descriptions (for languages other than those provided on the *Document Data* sheet).

If the description is more than 40 characters long, provide up to 40 characters in the *Description* sheet and provide the full text as long text.

Long Text

The long text is an extension to the description. If the description is more than 40 characters long, provide up to 40 characters in the *Description* sheet and provide the full text as long text. If the initial 40 characters of a long text are not a part of the *Description* sheet, the description will be overwritten by the long text.

The long text will be ignored if the length is less than or equal to 40 characters. The long text will not be migrated if there is no description in the respective language.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction CV03N	*Display document*

Available Migration Objects [page 2] in SAP S/4HANA.

1.332 *PM - Maintenance order*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Maintenance Order(PM)
Business Object Type	Transactional data

Business Object Definition	The detailed planning assistance for maintenance tasks includes: • Planning tasks with their types, scope, dates, and resources • Monitoring task execution • Defining rules for account assignment, settlement, and budgets • Specifying, assigning, and settling costs that emerge from tasks.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. General Data
2. Location Data
3. Organizational Data
4. Object List
5. Costs
6. Costs - Settlement Rules
7. Phase Control
8. Operation Data - Details
9. Operation Data - Relationships
10. Operation Data - Material

Out of Scope

1. Permits
2. Material Overview
3. Operation Data - Production Resources/Tools
4. Operation Data - Material with Non-stock Material

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- Location Data

- Organizational Data
- Object List
- Costs
- Settlement Rules
- Phase Control
- Operation Details
- Operation Data - Relationships
- Operation Data - Material

Prerequisites

The following objects need to have already been maintained or migrated:

- `SIF_EQUIPMENT`
- `SIF_FUNC_LOC`
- `SIF_FLOC_TL`
- `SIF_EAM_NOTIF`

Mapping Instructions

When you simulate the migration for the first time, additional mapping tasks may appear. You need to process these mapping tasks and repeat the simulation before you can proceed with the migration.

Order Type in General Data

The order type contains a range of parameters, which affect the way the order is processed.

For maintenance order, you could choose the order types in the order category 30 (=PM ORDER).

Price Unit in Operation Data - Material

If the price unit has been maintained in the material master, it would be taken from there. It means that the value maintained here in the Excel template will then not be considered.

Operation Data – Relationships

You can only create relationships between the individual operations of the same maintenance order. This means that you cannot network several orders to one another by creating relationships and linking the operations of different maintenance orders.

Text ID of Long Text

This specific text ID only needs to be filled if you want to maintain the six additional long text fields for order operations or components. You can enter up to three additional long texts on operation level and three long texts on component level. For all other long texts, this field has to remain blank. You can only maintain additional long texts for components with item category ‘N’ (non-stock). This includes also lean services. If components for the maintenance order are ordered externally and the system creates a purchase requisition, the additional long texts are adopted.

The following text IDs are possible:

1. Values for additional long text fields in operation level:
    1. "AVON": Note
    2. "AVOD": Remark
    3. "AVOC": Comment
    4. " "(Blank): All other long texts
2. Values for additional long text fields in component level:
    1. "MATN": Note
    2. "MATD": Remark
    3. "MATC": Comment
    4. " "(Blank): All other long texts

Example

Comments	Key							Text
	Legacy Order Number*	Operation/ Activity	Suboperation	Item Number of Reservation	Text ID	Language Key	Text Line Sequence	Text Line*
Header long text first line	TM-001					EN	1	HEADER LONG TEXT FIRST LINE
Header long text second line	TM-001					EN	2	HEADER LONG TEXT SECOND LINE
Operation long text for operation 20 first line	TM-001	20				EN	1	LONG TEXT OPERATION 20 FIRST LINE
Operation long text for operation 20 second line	TM-001	20				EN	2	LONG TEXT OPERATION 20 SECOND LINE
Operation long text for operation 20 third line	TM-001	20				EN	3	LONG TEXT OPERATION 20 THIRD LINE
Operation long text for operation 20, sub-operation 10	TM-001	20	10			EN	1	LONG TEXT OPERATION 20, SUBOPERATION 10

Component long text for component, assigned to operation 20, with item number X, which is corresponding to the item number maintained on "Operation Data - Materials" tab	TM-001	20		1		EN	1	LONG TEXT COMPONENT 1
Lean Service long text for lean service, assigned to operation 30, with item number Y, which is corresponding to the item number maintained on "Operation Data - Materials" tab	TM-001	30		6		EN	1	LONG TEXT EAM_LEAN_SERVICE_1

Lean Service long text for lean service, assigned to operation 30, sub-operation 20 with item number Z, which is corresponding to the item number maintained on "Operation Data - Materials" tab. It is only possible to maintain a long text on sub-operation level for Lean Service. First Line	TM-001	30	20	4		EN	1	LONG TEXT EAM_LEAN_SERVICE_2 ASSIGED TO SUB-OPERATION, 1. LINE

Lean Service long text for lean service, assigned to operation 30, sub-operation 20 with item number Z, which is corresponding to the item number maintained on "Operation Data - Materials" tab. It is only possible to maintain a long text on sub-operation level for Lean Service. Second Line	TM-001	30	20	4		EN	2	LONG TEXT EAM_LEAN_SERVICE_2 ASSIGED TO SUB-OPERATION, 2. LINE
Additional long text "NOTE" for operation 20	TM-001	20			AVON	EN	1	NOTE LONGTEXT FOR OPER 20
Additional long text "REMARK" for operation 20	TM-001	20			AVOD	EN	1	REMARK LONGTEXT FOR OPER 20
Additional long text "COMMENT" for operation 20	TM-001	20			AVOC	EN	1	COMMENT LONGTEXT FOR OPER 20

Additional long text "NOTE" for operation 20, sub-operation 10	TM-001	20	10		AVON	EN	1	NOTE LONG TEXT OPERATION 20, SUB-OPERATION 10
Additional long text "REMARK" for operation 20, sub-operation 10	TM-001	20	10		AVOD	EN	1	REMARK LONG TEXT OPERATION 20, SUB-OPERATION 10
Additional long text "COMMENT" for operation 20, sub-operation 10	TM-001	20	10		AVOC	EN	1	COMMENT LONG TEXT OPERATION 20, SUB-OPERATION 10
Additional Component long text "NOTE" for component, assigned to operation 20, with item number X, which is corresponding to the item number maintained on "Operation Data - Materials" tab, First line	TM-001	20		1	MATN	EN	1	NOTE LONGTEXT FIRST LINE FOR FIRST MATERIAL ASSIGNED TO OPER 20

Additional Component long text "NOTE" for component, assigned to operation 20, with item number X, which is corresponding to the item number maintained on "Operation Data - Materials" tab, Second line	TM-001	20		1	MATN	EN	2	NOTE LONGTEXT SECOND LINE FOR FIRST MATERIAL ASSIGNED TO OPER 20
Additional Component long text "REMARK" for component, assigned to operation 20, with item number X, which is corresponding to the item number maintained on "Operation Data - Materials" tab, First line	TM-001	20		1	MATD	EN	1	REMARK LONGTEXT FOR FIRST MATERIAL ASSIGNED TO OPER 20

Additional Component long text "COMMENT" for component, assigned to operation 20, with item number X, which is corresponding to the item number maintained on "Operation Data - Materials" tab, First line	TM-001	20		1	MATC	EN	1	COMMENT LONGTEXT FIRST MATERIAL ASSIGNED TO OPER 20
Additional Lean Service long text "NOTE" for lean service, assigned to operation 30, sub-operation 20 with item number Z, which is corresponding to the item number maintained on "Operation Data - Materials" tab. It is only possible to maintain a long text on sub-operation level for Lean Service. First Line	TM-001	20	20	4	MATN	EN	1	NOTE LONGTEXT FOR EAM_LEAN_SERVICE_2 line 1

Additional Lean Service long text "NOTE" for lean service, assigned to operation 30, sub-operation 20 with item number Z, which is corresponding to the item number maintained on "Operation Data - Materials" tab. It is only possible to maintain a long text on sub-operation level for Lean Service. Second Line	TM-001	20	20	4	MATN	EN	2	NOTE LONGTEXT FOR EAM_LEAN_SERVICE_2 line 2

Additional Lean Service long text "REMARK" for lean service, assigned to operation 30, sub-operation 20 with item number Z, which is corresponding to the item number maintained on "Operation Data - Materials" tab. It is only possible to maintain a long text on sub-operation level for Lean Service.	TM-001	20	20	4	MATD	EN	1	REMARK LONGTEXT FOR EAM_LEAN_SERVICE_2

Additional Lean Service long text "COMMENT" for lean service, assigned to operation 30, sub-operation 20 with item number Z, which is corresponding to the item number maintained on "Operation Data - Materials" tab. It is only possible to maintain a long text on sub-operation level for Lean Service. First Line	TM-001	20	20	4	MATC	EN	1	COMMENT LONGTEXT FOR EAM_LEAN_SERVICE_2 line 1

Additional Lean Service long text "COMMENT" for lean service, assigned to operation 30, sub-operation 20 with item number Z, which is corresponding to the item number maintained on "Operation Data - Materials" tab. It is only possible to maintain a long text on sub-operation level for Lean Service. Second Line	TM-001	20	20	4	MATC	EN	2	COMMENT LONGTEXT FOR EAM_LEAN_SERVICE_2 line 2

Object List – Operations and Suboperations Assignment

In the *Define Notification and Order Integration* configuration step, it is configured for each order type whether and in what range the assignment of operations (that includes also suboperations) to object list entries of the order is allowed. If a notification is assigned to an order and the operations of the task list specified in the notification are copied to the order, the *Indicator for Enhanced Object List Functions* controls the automatic assignment of operations to object list entries dependent on the following configuration values:

- *Assignment of Operations to Object List Entries Inactive*: An assignment of the operations of the order to entries in the object list is not possible.
- *Assignment of Operations to Maintenance Plan Notifications Active*: An automatic assignment of operations is only possible for notifications that have been created from a maintenance plan.
- *Assignment of Operations to All Notifications Active*: An automatic assignment of operations is possible for all notifications no matter whether they have been created manually or from a maintenance plan.
- *Assignment of Operations to All Object List Entries Active*: Assignments of order operations are possible to object list entries like notifications, pieces of equipment or functional locations

If an order operation/suboperation has been assigned to an object list entry but the corresponding order type has been configured in a way that assignments are not allowed, the assignment will not be considered.

> **i Note**
>
> You can assign more than one operation/suboperation to an object from the object list, but it is not allowed to assign several objects to the same operation/suboperation.

Operation Data – Relationships

When processing a maintenance order, you can create relationships between the individual operations of this order but you can also establish relationships to operations belonging to other maintenance orders.

> **Example**

Comments	Key					
Legacy Order Number	Legacy Operation	Suboperation	Assigned Order	Assigned Operation	Successor Indicator	
As you do not set the success indicator, the individual Operation 0080 is Operation 0070's predecessor within the same maintenance order.	Z000049	70			0080	
As you set the success indicator (X), the individual Operation 0060 is Operation 0070's successor within the same maintenance order.	Z000049	70			0060	X
As you do not set the success indicator, the individual Operation 0020 of maintenance order 4000222 is Operation 0070's predecessor.	Z000049	70		4000222	0020	

Comments	Key				
As you set the success indicator (X), the individual Operation 0030 of maintenance order 4000222 is Operation 0070's successor.	Z000049	70	4000222	0030	X

Mapping Structure Hierarchy

Level	Name		
1	General Data		
		Organizational Data - Partners	
		Operation Data	
			Operation Data - Materials
			Operation Data - Relationships
		Long Texts	
		Object List	
		Costs	
		Costs - Settlement Rules	
		Phase Control	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

Transaction IW33	*Display Maintenance Order*
Transaction F2175	*Find Maintenance Order*

Available Migration Objects [page 2] in SAP S/4HANA.

1.333 *PM - Measurement document*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	The data transferred to the system after the measurement has been taken at a measuring point or a counter is described in the SAP system as a measurement document. This transfer can be performed automatically or manually. The measurement document is therefore the result of a measurement or counter reading being entered in the system.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

Basis for measurement reading as *Reference object* isn't supported while creating a measurement document. You can only create measurement documents for measuring points.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Measurement document

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Measuring point [page 1237]

Mapping Instructions

- Only internal numbering is supported.
- Valuation code can only be entered into a measurement document if the associated pointer/counter refers to a category that enables this functionality.
- Measuring unit for measurement reading will be derived from entered measuring point.
- In most cases, the *Reading* field is mandatory since it's required for the quantitative evaluation. There's an instance where it's not required to enter a value for reading, for example, when the measuring point is defined for the qualitative valuation only (then the *Valuation code sufficient for measurement document* indicator is marked). The measurement document only includes the valuation code. All measuring documents that refer to measuring counters, reading is mandatory.

Mapping Structure Hierarchy

Level	Name
1	Measurement Document (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

To validate your migrated data, you can use the **IMRG** table in the transaction **SE16N**. To get results, you have to enter the value in the **MeasDocument (MDOCM)** field.

Transaction IK11	*Create Measurement Document*
Transaction IK13	*Display Measurement Document*

Available Migration Objects [page 2] in SAP S/4HANA.

1.334 *PM - Measuring point*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PM-EQM-SF-MPC
Business Object Type	Master data
Business Object Definition	Measuring points in the SAP system describe the physical and/or logical locations at which a condition is described. For example, the coolant temperature in a nuclear power station after the coolant has left the pressure vessel, or the number of revolutions at a rotor shaft of a wind-driven power plant. In plant maintenance, measuring points are located on technical objects, in other words, on pieces of equipment or functional locations.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

Measurement reading transfer is not supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Equipment [page 1278]
- PM - Functional location [page 1295]
- Characteristic [page 1107]
- QM/PM - Catalog code group/code [page 1471]

Mapping Instructions

- Only internal numbering is supported.
- If the measuring point is a counter, the *Counter Data* group must be filled
- If the measuring point is **not** a counter, the *Target Value* group must be filled
- Keep the following rules in mind:
  - If you want to enter quantitative measurement results for the measuring point, you must assign a numerical characteristic to it with the required unit.
  - If you want to enter qualitative measurement results for the measuring point, you must assign the required code group to it.
  - If the qualitative measurement means that an evaluation code is sufficient for use as a measuring point, you do not need to enter any characteristics for the measuring point. Instead, you just specify one code group and select the *ValCode sufficient* field.
  - If you want, you can assign both a characteristic and a code group to a measuring point.

Mapping Structure Hierarchy

Level	Name
1	Header (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction IK03	*Display Measuring Point*

Available Migration Objects [page 2] in SAP S/4HANA.

1.335 *PM - Maintenance notification*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	PM
Business Object Type	Master data
Business Object Definition	Maintenance notification Describes the malfunctions or exceptional technical situations of an object in the area of maintenance processing, requests for the maintenance department to perform a necessary task, and documentation of the work that has been performed. Maintenance notification is a company notification that are created and managed in the area of plant maintenance.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. The following notification types are supported for maintenance notification migration.
    - Maintenance Request (M1)
    - Malfunction Report (M2)
    - Activity Report (M3)
    - Reactive Work (Y1)
    - Proactive Work (Y2)
2. *Notification Partner* is supported only for notification types *M2* and *M3*.

Out of Scope

1. Documents
2. Location Data - Address
3. Location Data - Production Work Center
4. Location Data - Plant Section
5. Location Data - Current Location
6. Assignment of Task List
7. Breakdown Duration
8. Organizational Data
9. Activities - Quantity
10. Causes - Root Cause

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Notification Header
- Notification Item
- Notification Item Cause
- Notification Item Activity
- Notification Item Task
- Notification Activity
- Notification Task
- Notification Partner

Prerequisites

The following objects need to have already been maintained or migrated:

- PM - Functional location [page 1295]
- PM - Equipment [page 1278]
- Assembly via Product [page 1432]
- Work center/Resource [page 1575]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Notification Header (mandatory)		
2		Notification Item	
3			Notification Item Cause
3			Notification Item Activity
3			Notification Item Task
2		Notification Activity	
2		Notification Task	
2		Notification Partner	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction IW21	*Create PM Notification*
Transaction IW22	*Change PM Notification*
Transaction IW23	*Display PM Notification*

Available Migration Objects [page 2] in SAP S/4HANA.

1.336 *EFD - Reinf report (Brazil)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	EFD-Reinf (FI-LOC-FI-BR)
Business Object Type	Transactional data
Business Object Definition	Brazilian legal report EFD-Reinf A legal report that is used by legal entities and natural persons to report paid income and withheld income taxes, non-work-related social contribution, and gross income data to fiscal authorities in Brazil. In Brazil, the report is known as 'EFD-Reinf'.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. EFD-Reinf Files

Supported Features

The following structures/features are supported in SAP S/4HANA:

- EFD-Reinf Files

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	EFD-Reinf Files

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Run Compliance Reports – Brazil GL Reporting*
Business Role:	*General Ledger Accountant for Brazil* (`SAP_BR_GL_ACCOUNTANT_BR`)

You can use the *Run Advanced Compliance Reports – Brazil GL Reporting* app to generate the EFD-Reinf Legacy Files report in order to visualize and maintain data that was migrated to the target system. Find more information here.

Find more information about SAP Fiori apps in the SAP Fiori apps reference library. This information covers required business roles and includes links to the respective app documentation.

Further Information

Find background information on the Escrituração Fiscal Digital de Retenções e Outras Informações Fiscais (EFD-Reinf) here: EFD-Reinf Report .

Available Migration Objects [page 2] in SAP S/4HANA.

1.337 *EHS - Location aggregation*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Environment Management (EHS-SUS-EM)
Business Object Type	Master data
Business Object Definition	You can use the *EHS – Location aggregation* business object to create and manage activities in the system for the aggregation of data based on your location structure. The aggregations use as input data collections, sampled data, and calculated data stored in your locations. The aggregation results depend on your recorded environmental data which was approved by an environmental manager for your location structure, and on the chosen mathematical function which governs the running of the aggregation itself.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Location aggregation: Header Data
2. Location aggregation: Description Text

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Location aggregation: Header Data
- Location aggregation: Description Text

Prerequisites

The following objects must have already been maintained or migrated:

- EHS - Location [page 1253]
- EHS - Data classifier [page 1246]

Mapping Instructions

- Note that you have to migrate location data for successful mapping between locations and location aggregations in the system.
- The *Header Data* contains fields for materials, listed substances and chemical/physical properties. Depending on your use case, it is sufficient to enter information (ID or migration source key) for only one of them.

Mapping Structure Hierarchy

Level	Name
1	Header Data
2	Description Text

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Compliance Scenario* (Location Aggregations)

Available Migration Objects [page 2] in SAP S/4HANA.

1.338 *EHS - Data classifier*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Environment Management (EHS-SUS-EM)
Business Object Type	Master data
Business Object Definition	You can use the *EHS – Data classifier* business object to categorize environmental data. With the help of data classifiers, you can easily filter through data records and keep them apart for the purposes of different reports or aggregations. Data classifiers can help you in the processes of monitoring, reviewing, and reporting emission information.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Data classifier: Header Data.
2. Data classifier: Classifier Text.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header Data (mandatory)	
2		Classifier Text

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Compliance Scenario* (Location Aggregations – Aggregate by Classifier)

Available Migration Objects [page 2] in SAP S/4HANA.

1.339 *EHS - Calculation definition*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Environment Management (EHS-SUS-EM)
Business Object Type	Master data

Business Object Definition	You can use the *EHS – Calculation Definition* business object to define calculation activities in your compliance scenario. The calculation can be based on a pre-defined equation. You should set up the input variables and can test-run the calculation with test data. The input data sources can be of different types – regulatory defined parameters, collected or calculated data, and others.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Calculation Definition: Header Data of the Calculation activity
2. Calculation Definition: Input Data (input variables of the calculation)
3. Calculation Definition: Result Header Data (A definition of each result data set. A calculation can have multiple result data sets. Result data set does not change with revisions.)
4. Calculation Definition: Result Expression Data (Result expression data can change with revisions.)
5. Calculation Definition: Data Classifiers of the Result Data Sets (categorization of result data sets that can be used for reporting purposes)
6. Calculation Definition: Description Data

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Calculation Definition: Header Data
- Calculation Definition: Input Data
- Calculation Definition: Result Header Data
- Calculation Definition: Data Classifier Data
- Calculation Definition: Result Expression Data
- Calculation Definition: Description Data

Prerequisites

If applicable to the current migration, the following objects must have already been maintained or migrated:

- EHS - Compliance requirement [page 1261]
- EHS - Data classifier [page 1246]
- EHS - Data collection [page 1256]

- EHS - Location [page 1253]
- EHS - Location aggregation [page 1244]
- EHS - Location classifier [page 1250]

Mapping Instructions

- The list of calculation functions that can be used in the *Expression* field in the *Result Expression* node is available on the SAP Help Portal.
- The *Result Expression* node and *Result Header* node are merged into one section in the app, but during the migration process, these nodes are separated into two different tabs in the template. The *Result Expression* node includes an expression that is used in the calculation and can change between revisions.

Mapping Structure Hierarchy

Level	Name		
1	Header Data		
2		Input Data	
2		Result Header Data	
3			Data Classifier Data
3			Result Expression Data
2		Description Data	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Compliance Scenario* (Calculation Definition)

Further Information

For more information about the available calculation functions that you can use in a calculation definition, see Calculation Operators and Functions.

Available Migration Objects [page 2] in SAP S/4HANA.

1.340 *EHS - Location classifier*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Content Infrastructure (EHS-SUS-CI)
Business Object Type	Master data
Business Object Definition	The *EHS - Location Classifier* migration object is used in combination with the *Location* migration object and allows you to have an integrated data loading function in support of the environment management process. The business object itself compliments the location/equipment with environmental categorization that helps later on in the process of determining the applicability of different requirements to that location/equipment.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Location classifier: EHS Header Data.
2. Location classifier: EHS Classifier Text.

Out of Scope

1. Location classifier: Positions.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Location classifier: EHS Header Data.
- Location classifier: EHS Classifier Text.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Location classifier Header (mandatory)	
2		Location classifier text (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Location Classifier*

Available Migration Objects [page 2] in SAP S/4HANA.

1.341 *EHS - Location hierarchy*

Available Migration Objects [page 2] in SAP S/4HANA.

> **Note**
>
> To open the *EHS - Location hierarchy* migration object in the SAP S/4HANA Migration Cockpit, the *Industrial Hygienist* (`SAP_BR_INDUSTRIAL_HYGIENIST`) or the *Environmental Manager* (`SAP_BR_EHS_ENV_MGMT`) business role must be assigned to the relevant user without any restrictions.

Purpose

Business Object Component/Area	EHS-SUS-FND
Business Object Type	Master data
Business Object Definition	The location hierarchy represents the structure of locations and their sublocations.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of Location Hierarchy Revision
2. Migration of Location Hierarchy

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Location Hierarchy Revision
- Location Hierarchy

Prerequisites

The following objects must have already been maintained or migrated:

- EHS - Location [page 1253]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Location Hierarchy Revision (mandatory)
2	Location Hierarchy (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Manage Locations*
Business Role:	*Industrial Hygienist* (`SAP_BR_INDUSTRIAL_HYGIENIST`)

Available Migration Objects [page 2] in SAP S/4HANA.

1.342 *EHS - Location*

Available Migration Objects [page 2] in SAP S/4HANA.

> **i Note**
>
> To open the *EHS - Location* migration object in the SAP S/4HANA Migration Cockpit, the *Industrial Hygienist* (`SAP_BR_INDUSTRIAL_HYGIENIST`) or the *Environmental Manager* (`SAP_BR_EHS_ENV_MGMT`) business role must be assigned to the relevant user without any restrictions.

Purpose

Business Object Component/Area	Sustainability Foundation (EHS-SUS-FND)
Business Object Type	Master data
Business Object Definition	An identified real place, virtual space, or object. The location is a central master data object that can be organized in a hierarchy to represent where a location exists spatially or functionally in a company. Examples of a location are a plant, a piece of equipment, or a work area.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Location: Revision
2. Location: Revision Texts
3. Location: Persons Responsible
4. Location: Environmental Details

Out of Scope

1. Location: Documents
2. Location: Positions, Business Partner
3. Location: Storage Location

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Location: Revision
- Location: Revision Texts
- Location: Persons Responsible
- Location: Location Classifier
- Location: Location Property
- Location: Location Property Comment Texts

Prerequisites

The following objects must have already been maintained or migrated:

- EHS - Chemical/Physical property [page 1257]
- EHS - Location classifier [page 1250]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Location Revision (mandatory)		
2		Revision Texts	
2		Persons Responsible	
2		Location Property	
3			Location Property Comment Texts
2	Location Classifier		

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Manage Locations*
Business Role:	*Industrial Hygienist* (`SAP_BR_INDUSTRIAL_HYGIENIST`)

Available Migration Objects [page 2] in SAP S/4HANA.

1.343 *EHS - Data collection*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Environment Management (EHS-SUS-EM)
Business Object Type	Master data
Business Object Definition	You can use the *EHS – Data Collection* business object to schedule the collection of data for the locations that you are responsible for. You can organize the data collection activities and their data in the compliance scenario.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Data Collection: Header Data
2. Data Collection: Data Classifier
3. Data Collection: Schedule Data

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Data Collection: Header Data
- Data Collection: Data Classifier
- Data Collection: Schedule Data

Prerequisites

If applicable to the current migration, the following objects must have already been maintained or migrated:

- EHS - Location [page 1253]
- EHS - Data classifier [page 1246]

Mapping Instructions

- The *EHS - Location* and *EHS - Data Classifier* objects have to be available in the system to enable the import of the *EHS - Data Collection* object. Note that you have to migrate location data and data classifier first for successful mapping between locations, data classifiers, and data collections in the system.
- The *Header Data* contains fields for materials, listed substances, and chemical/physical properties. Depending on your use case, it is sufficient to enter information (ID or migration source key) for only one of them.

Mapping Structure Hierarchy

Level	Name	
1	Header Data	
2		Data Classifier
2		Schedule Data

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Compliance Scenario* (Data Collections)

Available Migration Objects [page 2] in SAP S/4HANA.

1.344 *EHS - Chemical/Physical property*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Foundation (EHS-SUS-FND)
Business Object Type	Master data
Business Object Definition	The *EHS – Chemical/Physical property* business object is used to define different data sets in environment management processes such as data collections, location aggregations, calculation, and sampling results as well as to specify properties per locations and products. Therefore, the migration object is designed to complement the migration objects for those follow-up activities in the solution.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Chemical/Physical property: Header Data.
2. Chemical/Physical property: Units of Measurement.
3. Chemical/Physical property: Physical Units.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Chemical/Physical property: Header Data.
- Chemical/Physical property: Units of Measurement.
- Chemical/Physical property: Physical Units.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Name (mandatory)
3		Unit

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Chemical/Physical Properties*

Available Migration Objects [page 2] in SAP S/4HANA.

1.345 *PSS - Raw material compliance info*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Foundation (EHS-SUS-FND)
Business Object Type	Master data
Business Object Definition	Chemical compliance information is used to manage compliance information centrally and satisfy legal and customer requirements.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Attachments

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Chemical Compliance View
- Composition Type
- Analytical or Legal Composit.
- Material Assignment
- Bulk Assignment
- Purpose Assignment
- Supplier Material Assignment

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]
- PSS - Substance [page 1516]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Chemical Compliance View (mandatory)		
2		Composition Type	
3			Analytical or Legal Composit.
2		Material Assignment	
2		Bulk Assignment	
2		Purpose Assignment	
2		Supplier Material Assign-ment	

Preparation Migration Details for Raw Materials

Process the migration in two steps as follows:

1. Migrate bulk raw materials using the following data from the migration template:
   - Chemical Compliance View
   - Composition Type
   - Analytical or Legal Composit.
   - Material Assignment
   - Purpose Assignment
   - Supplier Material Assignment
2. Migrate packaged products related to the raw materials using the migration template:
   - Chemical Compliance View
   - Material Assignment
   - Bulk Assignment

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Available Migration Objects [page 2] in SAP S/4HANA.

1.346 *EHS - Compliance requirement*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Content Infrastructure (EHS-SUS-CI)
Business Object Type	Master data

Business Object Definition	You can use the *EHS – Compliance requirement* business object to prepare the set of requirements (conditions) that are relevant for your company. When you create a compliance requirement, you first specify information such as title, issuing organization, period, and area of validity. You then organize the industry-relevant conditions from regulations, permits, or policies into paragraphs of the compliance requirement, and finally, you manage the detailed requirements in individual objects like equations, regulatory lists, and limits.
Migration Approach	File/Staging Table

Out of Scope

1. Action
2. Affected and Exempted Application
3. Business Process
4. Enclosure Variant
5. Exemption
6. Mode of Transport
7. Compliance Statement
8. Output Details
9. Processing Level
10. Qualifying Word Prefix and Suffix for Content Base
11. Basic Classification for CBR Patterns
12. Regulatory List Excluded Component Type and Group Substance
13. Occupational Exposure Limit
14. Threshold List
15. Required Language for Document
16. Segregation Group for Product for CBR
17. Settings for SVT

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header Data
- Issuing Organization
- Applicability Area
- Compliance Requirement Name
- Compliance Requirement Description
- Compliance Requirement Structure

- Environmental Limit
- Limit Description Text
- Limit Action Text
- Equation
- Input
- Input Description Text
- Result
- Result Description Text
- Equation Description Text
- Structure Description Text
- Structure Guideline Description Text
- Location Classifier
- Regulatory List
- Regulatory List Name
- Regulatory List Official Name
- Name on List
- Waste Code
- Waste Code Description Text
- Emission Factor
- Global Warming Potential
- Standard Values

Prerequisites

If applicable to the current migration, the following objects must have already been maintained or migrated:

- EHS - Chemical/Physical property [page 1257]
- EHS - Location classifier [page 1250]
- EHS - Location [page 1253] (for compliance requirements of type *Permit*)

Mapping Instructions

- The *EHS - Chemical/Physical property* and the *EHS - Location classifier* migration objects must be migrated before the import of the *EHS - Compliance requirement* migration object.

Mapping Structure Hierarchy

Level	Name	
1	Header Data	
2		Issuing Organization

Level	Name				
2		Applicability Area			
2		Compliance Requirement Name			
2		Compliance Requirement Description			
2		Compliance Requirement Structure			
3			Environmental Limit		
4				Environmental Limit Description Text	
4				Environmental Limit Action Text	
3			Equation		
4				Input	
5					Input Description Text
4				Result	
5					Result Description Text
4				Equation Description Text	
3			Structure Description Text		
3			Structure Guideline Description Text		
3			Location Classifier		
2		Regulatory List			
3			Regulatory List Name		
3			Regulatory List Official Name		
3			Name on List		
3			Waste Code		
4				Waste Code Description Text	
3			Emission Factor		

Level	Name	
3		Global Warming Potential
3		Standard Values

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

F5038	*Manage Compliance Requirements / Reg*

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.347 *EHS - Compliance scenario*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Environment Management (EHS-SUS-EM)
Business Object Type	Master data

Business Object Definition	You can use the *EHS – Compliance scenario* business object to organize and monitor environmentally relevant activities for various locations at your company. These activities include the collection of environmentally-relevant data from the multiple measurement devices, sampling and lab analysis of materials and their corresponding properties, calculation of emissions, and aggregations, based on the collected, sampled, or calculated data.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Compliance Scenario: Header Data
2. Compliance Scenario: Title Text
3. Compliance Scenario: Header Description
4. Compliance Scenario: Location Aggregation
5. Compliance Scenario: Data Collection
6. Compliance Scenario: Calculation Definition
7. Compliance Scenario: Sampling Definition
8. Compliance Scenario: Compliance Requirement
9. Compliance Scenario: Environmental Limit

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Compliance Scenario: Header Data
- Compliance Scenario: Title Text
- Compliance Scenario: Header Description
- Compliance Scenario: Location Aggregation
- Compliance Scenario: Data Collection
- Compliance Scenario: Calculation Definition
- Compliance Scenario: Sampling Definition
- Compliance Scenario: Compliance Requirement
- Compliance Scenario: Environmental Limit

Prerequisites

If applicable to the current migration, the following objects must have already been maintained or migrated:

- EHS - Location classifier [page 1250]
- EHS - Location [page 1253]
- EHS - Chemical/Physical property [page 1257]
- EHS - Compliance requirement [page 1261]
- EHS - Location aggregation [page 1244]
- EHS - Data collection [page 1256]
- EHS - Calculation definition [page 1247]

Validity Period and Dependencies

Compliance Scenario Header Data contains validity data period fields (*Valid From* and *Valid To*) that specify the validity of the revision. These fields are used as a reference during the import of a compliance scenario into already created business objects. The validity period of all compliance scenario activities must match the validity period of the compliance scenario revision.

Mapping Instructions

- Note that you have to migrate location data for successful mapping between location and compliance scenario in the system.
  The following migration objects should be available in the system to enable the import of the compliance scenario migration object with all available business object references:
  - EHS - Location
  - EHS - Location classifier
  - EHS - Compliance requirement
  - EHS - Calculation definition
  - EHS - Chemical/Physical property
  - EHS - Data classifier
  - EHS - Data collection
  - EHS - Location aggregation
- Compliance scenario can have the following BO references to other objects:
  - EHS – Location aggregation
  - EHS – Data collection
  - EHS – Calculation definition
  - EHS – Sampling definition

  Each one of the provided BO references should have the same location with as the importing compliance scenario that is being imported.
- For the *Environmental Limit* section, please note that the subject reference and the limit name must be the exactly identical to the ones in the compliance requirement. Each environmental limit is assigned to the appropriate compliance scenario activity by the BO reference.

Mapping Structure Hierarchy

Level	Name	
1	Header	
2		Title Text
2		Header Description
2		Data Collection
2		Location Aggregation
2		Calculation Definition
2		Sampling Definition
2		Environmental Limit

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Compliance Scenario*

Available Migration Objects [page 2] in SAP S/4HANA.

1.348 *EHS - Task*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Foundation (EHS-SUS-FND)
Business Object Type	Transactional data
Business Object Definition	You can use the *EHS – Task Definition* business object to record tasks that relate to compliance scenarios or compliance requirements in your system. You can record a description of the tasks, indicate their priority and status, and set a recurrence pattern. This business object also allows you to import task instances (planned, current, or past) and assign a deviation incident to a task instance as follow-up data.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Task Definition: Header Data (including Recurrence Pattern)
2. Task Definition: Reference Data
3. Task Definition: Planned Instance
4. Task Definition: Follow-Up Data

Out of Scope

1. Task Definition: Change Requests
2. Task Definition: Maintenance Notifications

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Task Definition: Header Data
- Task Definition: Reference Data
- Task Definition: Planned Instance
- Task Definition: Follow-Up Data

Prerequisites

Depending on the task data, the the following objects must have already been maintained or migrated:

- EHS - Location [page 1253]
- EHS - Compliance requirement [page 1261]
- *Compliance scenario*
- *Deviation incident*

Validity Period and Dependencies

The start date of the task definition should be in a valid revision of the location.

Mapping Instructions

Compliance requirements, compliance scenarios, and deviation deviation incidents should be available in the system before the import of task definitions.

It is possible to map a task to a deviation incident, compliance requirement or compliance scenario that have not been migrated and therefore have no migration source keys, but already exist in the system. To do so, you should indicate a random migration source key for the deviation incident, compliance requirement or compliance scenario in the corresponding migration object template. After a simulation in the Migration Cockpit, the keys that you have indicated can be linked to a particular object already existing in the system via *Mapping Tasks*.

If the deviation incident, compliance requirement or compliance scenario have already been migrated before the task itself, then you must indicate their actual migration source keys in the template used for mapping them to tasks.

Mapping Structure Hierarchy

Level	Name		
1	Header Data		
2		Reference Data	
2		Planned Instance	
3			Follow Up

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

F2528	*Manage Task Definition*
F2529	*Display Task Instance*
F3840	*Task Calendar*
F2527	*Monitor Tasks*

Available Migration Objects [page 2] in SAP S/4HANA.

1.349 *PSS - Product compliance info*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Foundation (EHS-SUS-FND)
Business Object Type	Master data
Business Object Definition	Chemical compliance information is used to manage compliance information centrally and satisfy legal and customer requirements.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Attachments

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Chemical Compliance View
- Composition Type
- Analytical or Legal Composit.
- Material-Based Composition
- Legal deviation and Substit.
- Application
- Material Assignment
- Market Coverage
- Market Request
- Bulk Assignment
- Purpose Assignment

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- PSS - Substance [page 1516]
- PSS - Raw material compliance info [page 1259]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Chemical Compliance View (mandatory)		
2		Composition Type	
3			Analytical or Legal Composit.
3			Material-Based Composition
3			Legal Deviation and Substit.

Level	Name
2	Application
2	Material Assignment
2	Market Coverage
2	Market Request
2	Bulk Assignment
2	Purpose Assignment

Preparation Migration Details for Products

Process the migration in two steps as follows:

1. Migrate bulk product using the following data from the migration template:
   - Chemical Compliance View
   - Composition Type
   - Analytical or Legal Composit.
   - Material-Based Composition
   - Legal Deviation and Substitut.
   - Application
   - Material Assignment
   - Purpose Assignment
   - Market Request
   - Market Coverage
2. Migrate packaged products related to product using the migration template:
   - Chemical Compliance view
   - Material Assignment
   - Bulk Assignment
   - Market Coverage

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Available Migration Objects [page 2] in SAP S/4HANA.

1.350 *PM - Equipment BOM*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	Plant Maintenance (PM): A list used to describe the structure of a piece of equipment and to allocate spares to the piece of equipment for maintenance. An equipment bill of material can be created for each piece of equipment or for a group of technical objects.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The following Item Categories (Bill of Material) are supported:

1. L-Stock item
2. N-Non-stock item
3. T-Text item

Out of Scope

1. Sub-items
2. Document assignment
3. Long text

The following Item Categories (Bill of Material) are not supported:

1. R-Variable-size item
2. K-Class item

Supported Features

The following structures/features are supported in SAP S/4HANA:

- BOM Header
- BOM Item

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Equipment [page 1278]
- Product [page 1432]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	BOM Header (mandatory)	
2		BOM Item

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction IB03	*Display Equipment BOM*

Available Migration Objects [page 2] in SAP S/4HANA.

1.351 *PM - Equipment task list*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	A description of a series of maintenance activities that are executed repeatedly in a company. A maintenance task list is the generic term for all task lists that are used in plant maintenance. The following task lists are available: • Equipment task list • Functional location task list • General task list
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Task List Header Data (incl. long text)
- Operations (incl. long text)
- Production Resource/Tools
- Material Components
- Maintenance Packages

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Equipment [page 1278]
- Product [page 1432]

Validity Period and Dependencies

Business objects that reference this object must be created within a validity period that matches this object.

If a successor object is created with a validity period starting before this object, this will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid later error messages and inconsistent data on your database.

Mapping Instructions

- Internal/External number range assignment for *Group Counter*, with control parameter `CTR_TLIST_E_NUM` – you have to decide if it is internal or external during each data load.
- Enter the long text for the *Task List Header* level in the *Long text*field (`S_TASKLIST_HDR-TDLINE`).
- Enter the long text for the *Operations* level in the *Long text* field (`S_OPERATIONS-TDLINE`).

Mapping Structure Hierarchy

Level	Name		
1	Task List Header data (mandatory)		
2		Operations (mandatory)	
3			Production Resource/Tools
3			Material Components
3			Maintenance Packages

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction IA03	*Display Equipment Task List*

Available Migration Objects [page 2] in SAP S/4HANA.

1.352 *PM - Equipment*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	An individual, physical object that is maintained as an autonomous unit.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Starting with SAP S/4HANA release 1809, alternative labeling is supported for the *Functional Location* field in the equipment structure.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Equipment General Data
- Equipment Manufacturer Data
- Equipment Customer Warranty
- Equipment Vendor Warranty
- Equipment Location
- Equipment Organization
- Equipment Structure
- Equipment Serial Data
- Equipment Partners

Prerequisites

The following objects must have already been maintained or migrated:

- Batch unique at material and client level [page 1093]
- Batch unique at plant level [page 1096]
- Fixed asset (incl. balances and transactions) [page 1285]
- PM - Functional location [page 1295]
  Superordinate Equipment: To use the *Superordinate Equipment* field, make sure that this value will be implemented in the PM - Functional location [page 1295] first.
- CO - Cost center [page 1345]
- PS - WBS element [page 1573]
- Work center/Resource [page 1575]

Validity Period and Dependencies

Business objects that reference this object must be created within a validity period that matches this object.

If a successor object is created with a validity period starting before this object, this will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This avoids later error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Equipment master data (mandatory)
2	Partners

Internal /External Number Range

This migration object supports both internal and external numbering. If you want to use an external number range, choose *External Numbering* for the *Equipment, internal or external numbering* control parameter in the *Convert Values* step in the SAP S/4HANA Migration Cockpit. Otherwise, choose *Internal Numbering*.

Warranty Fields

Warranty fields can be displayed from the Fiori app only.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Display Technical Object*
Business Role:	*Maintenance Planner* (`SAP_BR_MAINTENANCE_PLANNER`)
Transaction IE01	*Create Equipment*
Transaction IE02	*Change Equipment*
Transaction IE03	*Display Equipment*

Further Information

SAP Knowledge Base Article 2878950 – *Migration Cockpit: Collective KBA for Migration PM-Object Equipment*

Available Migration Objects [page 2] in SAP S/4HANA.

1.353 *Exchange rate*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Master data
Business Object Definition	The relationship between two currencies. This rate is used to translate an amount into another currency.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Exchange Rates

Mapping Instructions

- Fill only direct or indirect quotation
- During upload, differences in exchange rate factor settings will automatically be adjusted, but there is no adjustment of direct versus indirect notation

Mapping Structure Hierarchy

Level	Name
1	Exchange rate master data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction OB08	*C FI Maintain table TCURR*

Available Migration Objects [page 2] in SAP S/4HANA.

1.354 *Revenue accounting contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Revenue Accounting (FI-RA)
Business Object Type	Transactional data
Business Object Definition	A revenue accounting contract is an object that consists of performance obligations that belong together.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Order Main Items
2. Order Condition Items
3. Invoice Main Items
4. Invoice Condition Items
5. Fulfillment Main Items
6. Cost Main Items
7. Cost Condition Items

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Order Main Items
- Order Condition Items
- Invoice Main Items
- Invoice Condition Items
- Fulfillment Main Items
- Cost Main Items
- Cost Condition Items

Prerequisites

The following objects must have already been maintained or migrated:

- Customer [page 1200]
- CO - Cost center [page 1345]
- CO - Profit center [page 1406]
- Product [page 1432]
- Service order (only open SRVO) [page 1513]
- Condition record for pricing (general template) [page 1167]
- PS - WBS element [page 1573]
- FI - G/L account [page 1302]

Mapping Instructions

When you simulate the migration for the first time, additional mapping tasks may appear. You need to process these mapping tasks and repeat the simulation before you can proceed with the migration.

Logical System

You define the logical system as part of the source item's key.You can use the logical system if the source document ID is the same in different systems. The logical system can be any value within 10 characters as it is only used to differentiate systems. You can also leave it empty if you don't have multiple sender component or the sender component is in the same system.

Mapping Structure Hierarchy

Level	Name	Name	Name
1	Order Main Items (mandatory)		
2		Order Condition Items	
2		Invoice Main Items	
3			Invoice Condition Items
2		Fulfillment Main Items	
2		Cost Main Items	
3			Cost Condition Items

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	**Manage Revenue Accounting Items** You can use the SAP Fiori app **'Manage Revenue Accounting Items'** to validate your data. You can search the migrated data by source item ID, sender component, source item type, and logical system. You can check all fields of the main item by clicking 'Show Details' and the related condition types.
Business Role:	*Revenue Accountant* (`SAP_BR_REV_ACCOUNTANT`)

Available Migration Objects [page 2] in SAP S/4HANA.

1.355 *Fixed asset (incl. balances and transactions)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

With this migration object, you perform a legacy data transfer for fixed assets.

Business Object Component/Area	Asset Accounting (FI-AA)
Business Object Type	Master data and transactional data (asset values)
Business Object Definition	A fixed asset is an object, a right, or another item owned by the enterprise that is intended for long-term use, and can be identified individually in the balance sheet. The development of the values of an asset can be viewed for the asset as a whole, or can be viewed for the asset's component parts (subnumbers). Example: Fixed asset "printing press" with asset components "rollers" and "replacement spindle".
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Master Details
- Posting Information
- Time-Dependent Data
- Allocations
- Origin
- Acct Assignment for Investment
- Net Worth Valuation
- Real Estate and Similar Rights
- Leasing
- Depreciation Areas
- Investment Support Key
- Cumulative Values
- Posted Values
- Transactions
- Proportional Values on Transactions
- Local - Time-independent
- Local - Time-dependent

You use the SAP S/4HANA Migration Cockpit to transfer legacy data for fixed assets.

- You can transfer the asset master records for legacy assets.

  > **i Note**
  >
  > The legacy asset number is migrated to the *Original Asset* field on the *Origin* tab page.
  >
  > The *Origin* tab of the migration template must not necessarily be populated by you. The legacy asset number and subnumber are added automatically to the fields of the asset master by the Migration Cockpit.
  >
  > For any customer-defined asset class, the *Original Asset* fields (asset number and subnumber) must be enabled in order to use the Migration Cockpit.

  > **i Note**
  >
  > Transfer of asset subnumbers:
  >
  > - Asset subnumbers must be migrated within the same migration project. (This is due to the project-specific mapping table of the main asset number.)
  > - If internal number assignment is used, the asset subnumbers must be transferred in a separate file. (Reason: The mapping table for main asset number is only filled after the transfer of a complete source file of main assets).

- You can transfer balances and transactions that have already been posted:
  - With transfers at the end of a fiscal year, the following applies:
    The accumulated acquisition cost (APC) and the accumulated depreciation values are transferred.
  - With transfers during the year, the following applies:
    The accumulated APC and the accumulated depreciation values are transferred. In addition to this, you also transfer the transactions starting from the beginning of the fiscal year up to the time of the transfer date. By default, you also transfer the posted depreciation of the year of transfer up to the time of the transfer date. But you have the option not to transfer the posted depreciation in the year of transfer. In this case, you first perform the legacy data transfer (without depreciation values in the year of transfer), and then you calculate and post the depreciation in the system. In this case, you select the corresponding checkbox in the *Make Company Code Settings* app.

> **i** Note
>
> When using the SAP S/4HANA Migration Cockpit, asset balances are updated automatically. No special transfer for asset reconciliation accounts in G/L is needed.

Restrictions

The transfer of assets under construction (AUC) is **not** supported. Data for AUC and WBS must be transferred manually in a consistent manner, and the information must be linked afterwards.

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Cost center [page 1345]
- CO - Profit center [page 1406]
- CO - Activity type [page 1352]
- Product [page 1432]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Master Details (mandatory)	
2		Inventory
2		Time-Dependent Data
2		Allocations

Level	Name	
2		Origin
2		Acct. Assignment. for Investment
2		Net Worth Valuation
2		Real Estate and Similar Rights
2		Leasing
2		Depreciation Areas
2		Investment Support Key
2		Cumulative Values
2		Posted Values
2		Transactions
2		Proportional Values on Transactions
2		Local - Time-Independent
2		Local - Time-Dependent

Required Customizing Settings

- You have made the Customizing settings for the relevant depreciation areas. These settings determine which data is accepted from the upload file. The upload is only successful if the values are compatible with the depreciation area settings.
  Here are some examples:
  - Per default, acquisition values must be positive, whereas depreciation values must be negative.
  - Acquisition values should be greater than the depreciation values (considering the absolute values). It would be incorrect to enter an acquisition value of 3,000 with a depreciation value of -10,000.
  - Only for real depreciation areas do you need to specify transfer values in accordance with the settings of the depreciation areas. You don't specify values for derived depreciation areas.
    If a depreciation is defined to take over acquisition values from other depreciation areas (for example, areas 15, 31, and 33 take over values from areas 01 and 32), and you enter values in the upload file anyway, then the system will ignore these values.
  - If you have parallel currencies, you must consider the following:
    You can decide whether you want to transfer your historical foreign currency values or if you want to have these values translated automatically instead.
    If you don't specify any historical foreign currency values, then the system executes an automatic translation; the exchange rate is then determined as follows:
    - For accumulated values at the start of the year: With the exchange rate on the capitalization date of the fixed asset
    - For transactions during the year: With the exchange rate on the date of the legacy data transfer
    - For open items on a line item-managed fixed asset under construction (transaction type 900 and/or 910): With the exchange rate on the date of the legacy data transfer (as with a transaction during the year)

    If you want to transfer historical foreign currency values for the parallel currency areas, specify them for the legacy data transfer. The system responds to this by **not** translating anything.

> **i Note**
>
> In the XML template, make sure that you enter your historical foreign currency values consistently in the *Cumulated Values* and *Posted Values* worksheets.

- Make sure that all your asset classes are assigned to the correct number range interval before you start migrating the fixed assets into your system.
- The offsetting account for the legacy data transfer (asset balance sheet account) must be defined in *Customizing for Asset Accounting* under *Define Offsetting Account for Legacy Data Transfer*.
- You've created a legacy data transfer segment and for it you've specified the transfer date, the document type, and the legacy data transfer status in *Customizing for Asset Accounting* under *Asset Data Transfer* > *Parameters for Data Transfer* > *Define Transfer Date and Additional Parameters*.
- If you want to perform a transfer during the year, you must enter the *Last Period Posted* (`FAA_DEPR_PERIOD`) field on the *Posted Values* sheet.
  You must specify the last posted depreciation period (from the legacy system) for each asset. The system requires this information to determine the first period for the depreciation that should be posted in the SAP system.

Required Activities

- The previous fiscal year must be closed in *Asset Accounting*.
  This can be checked in *Customizing for Asset Accounting* under *Preparations for Going Live* > *Tools* > *Reset Year-End Closing*.
- You've extracted the legacy data from your legacy system.

Pretest

We recommend that you perform a pretest in the test system: First, test system settings by performing a manual legacy data transfer.

You can use the following Customizing activities (transactions) under *Asset Accounting* > *Asset Data Transfer* > *Manual Data Transfer* > *Legacy Fixed Asset*.

- Create Master Data for Legacy Asset (transaction `AS91`)
- Post Transfer Values (transaction `ABLDT`)
- AUC with Line Item Management: Transfer Line Items (transaction `ABLDT_OI`)
- Data Transfer During the Fiscal Year: Transfer Line Items (transaction `AB01`)

After this, you prepare the Microsoft Excel template and fill it with sample assets only (for example, one asset per asset class). After the test, you should ideally clear the data from the test system:

- For asset master data, you can set a deactivation date to prevent the assets from receiving postings in the future.
- You reverse the transfer postings.
- You check if the system contains any values for assets.

The productive system must **not** contain data before the data transfer.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

In order to ensure that the legacy data transfer was carried out completely, you reconcile the data in the SAP system with the data in your legacy system. You must reconcile the legacy data transfer and the corresponding lists for documentation purposes before you release the SAP system for running operations in Asset Accounting. This is because you may no longer be able to generate the corresponding lists later with only the values from the legacy data transfer.

How to Validate your Data in the System

For details about how to reconcile the data, see SAP Note. 2304473.

Changing Transfer Values Subsequently

When uploading the migration template, the system posts the asset values. We recommend the following: If incorrect transfer values were posted, you should reverse the journal entry and then enter the transfer values again. You can only change transfer values by reversing the posted transfer document and making a new posting. For the asset master data already created, you set a deactivation date and block it from receiving postings. In the productive system, there should be no data before you start the file upload.

Further Information

Product Assistance

For more information, see the SAP Help Portal. Choose your SAP S/4HANA system, and navigate to *Asset Accounting* > *Legacy Data Transfer*.

Further Links

- Fixed Assets: Available Fields per Asset Class
- SAP Knowledge Base Article 2827574 – *Migration Cockpit: Collective KBA for migration object Fixed Asset (incl. balances and transactions)*
- SAP Note 2427888 – *Balance carryforward is required during legacy data transfer to AA in the first fiscal year*

- SAP Note 2208321 – *FAQ for legacy data transfer in SAP_FIN 720 and subsequent releases*

Available Migration Objects [page 2] in SAP S/4HANA.

1.356 *PM - Functional location task list*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	A description of a series of maintenance activities that are executed repeatedly in a company. A maintenance task list is the generic term for all task lists that are used in plant maintenance. The following task lists are available: • Equipment task list • Functional location task list • General task list
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Task List Header Data (incl. long text)
- Operations (incl. long text)
- Production Resource/Tools
- Material Components
- Maintenance Packages

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Functional location [page 1295]
- Product [page 1432]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

- Internal/External number range assignment for *Group Counter* with control parameter `CTR_TLIST_T_NUM` – you have to decide if it is internal or external during each data load.
- Enter the long text for the *Task List Header* level in the *Long text*field (`S_TASKLIST_HDR-TDLINE`).
- Enter the long text for the *Operations* level in the *Long text* field (`S_OPERATIONS-TDLINE`).

Mapping Structure Hierarchy

Level	Name		
1	Task List Header data (mandatory)		
2		Operations (mandatory)	
3			Production Resource/Tools
3			Material Components
3			Maintenance Packages

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction IA13	*Display FunctLoc Task List*

Available Migration Objects [page 2] in SAP S/4HANA.

1.357 *PM - Functional location BOM*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	Plant Maintenance (PM) A list used to describe the structure of a functional location and to allocate spares to the functional location for maintenance. A functional location BOM can be created for each functional location or for a group of technical objects.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The following Item Categories (Bill of Material) are supported:

1. L-Stock item
2. N-Non-stock item
3. T-Text item

Out of Scope

1. Sub-items
2. Document assignment
3. Long Text

The following Item Categories (Bill of Material) are not supported:

1. R-Variable-size item
2. K-Class item

Supported Features

The following structures/features are supported in SAP S/4HANA:

- BOM Header
- BOM Item

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Functional location [page 1295]
- Product [page 1432]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	BOM Header (mandatory)	
2		BOM Item

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction IB13	*Display Functional Location BOM*

Available Migration Objects [page 2] in SAP S/4HANA.

1.358 *PM - Functional location*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	An organizational unit in logistics that structures the maintenance objects of a company according to functional, process-oriented, or spatial criteria. A functional location represents the place at which a maintenance task is performed.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Functional Location - General Data
- Functional Location - Manufacturer Data
- Functional Location - Customer Warranty
- Functional Location - Vendor Warranty
- Functional Location - Location Data
- Functional Location - Organization Data
- Functional Location - Partners

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Cost center [page 1345]
- Work center/Resource [page 1575]
- PM - Equipment [page 1278]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This avoids subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Functional Location Data (mandatory)	
2		Partners

Superior Functional Location

If this field is empty, then the system automatically determines a superior functional location based on the structure that you're using. When you create a new functional location, the system enters its label as a default value in this field.

You can enter an alternative if necessary. Ensure that the structure is kept the same, otherwise the transfer of data within the functional location structure will be prevented.

During simulation no data will be written to the database. Therefore an error will appears if a superior functional location is used that is not available on the database.

In SAP S/4HANA, if the *Labeling System for Functional Locations* is used, the object will only support installing superior functional location automatically, so please make sure the *Superior Functional Location* field is empty in this case.

Labeling System for Functional Locations

The labeling system is only supported in SAP S/4HANA.

Warranty Fields

Warranty fields can be displayed from Fiori app only.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Display Technical Object*

Business Role:	*Maintenance Planner* (`SAP_BR_MAINTENANCE_PLANNER`)

Transaction IL01	*Create Functional Location*
Transaction IL02	*Change Functional Location*
Transaction IL03	*Display Functional Location*

Available Migration Objects [page 2] in SAP S/4HANA.

1.359 *PM - General maintenance task list*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Plant Maintenance (PM)
Business Object Type	Master data
Business Object Definition	A description of a series of maintenance activities that are executed repeatedly in a company. A maintenance task list is the generic term for all task lists that are used in plant maintenance. The following task lists are available: • Equipment task list • Functional location task list • General task list
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Task List Header Data (incl. long text)
- Operations (incl. long text)
- Production Resource/Tools
- Material Components
- Maintenance Packages

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Internal/External number range assignment for *Group* and *Group Counter*:

- The *Group* and *Group Counter* must be provided in source file, and joint with task list type to distinguish different type of task list. For the scenario of one *Group* with several *Group Counters*, they must be grouped logically in the source file.
- With control parameter `CTR_TLIST_A_NUM`, you have to decide if it is internal or external during each data load.
- Enter the long text for the *Task List Header* level in the *Long text*field (`S_TASKLIST_HDR-TDLINE`).
- Enter the long text for the *Operations* level in the *Long text* field (`S_OPERATIONS-TDLINE`).

Mapping Structure Hierarchy

Level	Name
1	Task List Header data (mandatory)

Level	Name		
2		Operations (mandatory)	
3			Production Resource/Tools
3			Material Components
3			Maintenance Packages

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction IA07	*Display General Task List*

Available Migration Objects [page 2] in SAP S/4HANA.

1.360 *FI - G/L account - extend existing record by new org levels*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Master data

Business Object Definition	G/L account master records contain the data that is always needed by the General Ledger to determine the account's function. The G/L account master records control the posting of accounting transactions to G/L accounts and the processing of the posting data.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The following GL account types are supported:

1. **X** - Balance sheet account.
2. **N** - Non-Operating expense or income profit and loss account that is used in FI only.
3. **P** - Primary costs or revenue profit and loss account that is used in FI and CO.
4. **S** - Secondary costs profit and loss account that is used in CO only.

Out of Scope

1. Customize GL account type
2. No updates of existing fields/records are possible.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Controlling Area (formerly known as Cost Element Data)
- Company Code Specific Area
- GL Account Names
- GL Account Keywords

Mapping Instructions

Mapping Structure Hierarchy

Validity of cost elements: Keep the valid to date (DATBI) in most cases empty. By default, the maximum date 9999-12-31 is used. As stated in SAP note 2249176, cost elements with validity smaller than 9999-12-31 are not maintainable via FS00.

Note: In case of migration from Business Suite to S/4 HANA, the valid to date might be useful to figure out historical periods.

Level	Name	
1	General Data (mandatory)	
2		Controlling Area Data
2		Company Code Data
2		Account Names
2		Account Keywords

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction KA01	*Create Cost Element*
Transaction KA06	*Create Secondary Cost Element*
Transaction FS00	*G/L acct master record maintenance*
Transaction FSS0	*G/L account master record in co code*

Further Information

SAP Knowledge Base Article 2848568 – *Migration Cockpit: Collective KBA for G/L Account Master*

Available Migration Objects [page 2] in SAP S/4HANA.

1.361 *FI - G/L account*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Master data
Business Object Definition	G/L account master records contain the data that is always needed by the General Ledger to determine the account's function. The G/L account master records control the posting of accounting transactions to G/L accounts and the processing of the posting data.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The following GL account types are supported:

1. **X** - Balance sheet account.
2. **N** - Non-Operating expense or income profit and loss account that is used in FI only.
3. **P** - Primary costs or revenue profit and loss account that is used in FI and CO.
4. **S** - Secondary costs profit and loss account that is used in CO only.

Out of Scope

1. Customize GL account type

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Chart of Accounts Area
- Controlling Area (formerly known as Cost Element Data)
- Company Code Specific Area
- GL Account Names
- GL Account Keywords

Mapping Instructions

Mapping Structure Hierarchy

Validity of cost elements: Keep the valid to date (DATBI) in most cases empty. By default, the maximum date 9999-12-31 is used. As stated in SAP note 2249176, cost elements with validity smaller than 9999-12-31 are not maintainable via FS00.

Note: In case of migration from Business Suite to S/4 HANA, the valid to date might be useful to figure out historical periods.

Level	Name	
1	General Data (mandatory)	
2		Controlling Area Data
2		Company Code Data
2		Account Names (mandatory)
2		Account Keywords

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction KA01	*Create Cost Element*
Transaction KA06	*Create Secondary Cost Element*
Transaction FS00	*G/L Acct Master Record Maintenance*
Transaction FSS0	*G/L Account Company Code Data*

Further Information

SAP Knowledge Base Article 2848568 – *Migration Cockpit: Collective KBA for G/L Account Master*

Available Migration Objects [page 2] in SAP S/4HANA.

1.362 *FI - G/L account balance and open/line item*

Available Migration Objects [page 2] in SAP S/4HANA.

> **! Restriction**
>
> This object is restricted and only supports the data migration of the following four currency fields:
>
> - document/transactional balance currency
> - company code currency
> - group currency
> - freely-defined currency

> **→ Tip**
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Transactional data

Business Object Definition	G/L account balance: The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balance: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater) G/L account open/line item: Open/line items are the items that aren't yet to be cleared. This object loads the open items/line items and balances for general ledger accounts. Fixed asset balance: Fixed asset balances are migrated with the Fixed asset (incl. balances and transactions) [page 1285] migration object. You must NOT migrate these balances with the *FI - G/L account balance and open/line item (deprecated)* migration object. Therefore, you must ensure that your migration file for G/L account balance does not contain any records for fixed asset balances.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Multiple line items per document post
2. External accounting document number
3. Open tax items / VAT line items
   - Open tax must be settled before data migration
   - Tax code isn't needed for the initial load of G/L account balance and open/line item using the migration cockpit and is therefore not supported
     - Exception: Deferred tax can be migrated with the migration activities for Open items payable and Open items receivable
       SAP Note 2911854 – *SAP S/4HANA Migration Cockpit: Migration of VAT line items is not supported*
4. Calculate tax automatically
5. Migration of historical financial transactions (use the FI - Historical balance [page 1313] migration object; see SAP Note 2587192)
6. Cash account: The balance on the cash account should be migrated as a portion of the balance of a bank account. It should be posted later on in the cash journal as the opening balance from this bank account to the cash account.

> ⚠ Caution
>
> Performing postings to the cash account with the migration object *FI - G/L account balance and open/line item* has no effect on cash journal transactions and will not update the cash journal opening balance.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header
- G/L Account Item
- Currency Item
- Assignment to a Profitability Segment (CO-PA)
- Local fields for IT, RU, KR, MX

Prerequisites

Before starting with the initial data transfer, you must define an overall migration key date for each company code. This migration key date will be used for all migration objects which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 1285] object.

Use the `FINS_MIG_CTRL_1` transaction (*Define Settings for Legacy Data Transfer*) to maintain these settings:

- Set the *Migration Key Date* for each required company code
- Set the *Legacy Data Transfer Status*:
  - *In Preparation*: migration key date is still unclear (migration of transactional data isn't possible)
  - *Ongoing*: required for the initial data transfer (migration of transactional data is possible)
  - *Completed*: after successful finish of the initial data transfer (migration of transactional data isn't possible)

The following objects must have already been maintained or migrated:

- CO - Cost center [page 1345]
  Only mandatory if account assignment on cost center is necessary.
  Posting on tax jurisdiction will be derived automatically by cost center. Therefore, the tax jurisdiction code must be already maintained for cost center master.
- CO - Profit center [page 1406]
  Only mandatory if account assignment on profit center is necessary.
  Posting on tax jurisdiction will be derived automatically by profit center. Therefore, the tax jurisdiction code must be already maintained for profit center master.
- *WBS element*
  - Only mandatory if account assignment on Work Breakdown Structure (WBS) element is necessary.
  - WBS element must be defined as a billing element.
  - System status of WBS element must be on *Released*.

    - Sales order item must be assigned to WBS element.
- *Order* (manually)
    - Only mandatory if account assignment on an order is necessary.
    - The related order isn't flagged for deletion.
    - Indicator for *Revenue Posting Allowed* should be set for the order (adjustment only possible in customizing of *Order Type*).
    - System status of the order must be *Released* or *Technically completed*.
    - Posting date (that is used for migration of G/L balance) must be within the validity period of the assigned object for the order, for example, profit center.
- *Network Number for Account Assignment*
    - Only mandatory if account assignment on network number is necessary.
- Exchange rate [page 1281]

Maintain Profit Center Configuration (this setup must be completed before posting any transactions to the system):

- For automatic document splitting, the default profit center is defined as `YB900` in S/4HANA Cloud. If no profit center is provided via the migration template, the default profit center is chosen automatically. There are 2 approaches for using the default profit center in an active document split:
    1. Create `YB900` as profit center master data to use the already defined default profit center.
    2. To use your own default profit center, create a new profit center or choose an existing one as your default profit center. Use the `SSC-UI 120100` *Edit Constant for Nonassigned Processes* to replace `YB900` with your own default profit center.
       More information about using the profit center in a document split can be found in the Roadmap Viewer.
- In addition, a default profit center can be defined for each company code and G/L account or G/L account interval. Use the configuration step `102529` *Assign Default Profit Center to Accounts* to configure this detailed default profit center assignment to a General Ledger Account. This configuration takes precedence over the first described configuration for the default profit center *YB900*.

Dependencies

Recommended approach for the initial migration of financial data:

Please in keep in mind that no documents will be migrated. Only balances and open items will be taken over.

Clear as many of the open items payable, receivables, taxes, and outgoing checks as possible from the accounts in the source system. By reducing these open items, you'll reduce the number of variables, resulting in a lower risk of error as well as reducing the amount of reconciliation needed to verify the data migration.

From the bank account, only the balance needs to be migrated.

Normally, no items or balances from the tax accounts need to be migrated because the balances are usually zero (for normal VATs) when the migration takes place. We assume that the tax transfer has already been done and therefore no tax has to be migrated. Exception: Deferred taxes can be migrated with the migration activities for Open items payable and Open items receivable.

Mapping Instructions

- Enter only one line per document post into the migration file. The offsetting entry will be automatically generated for the offsetting G/L account.
- The combination of key fields *Company Code* + *Ledger Group* + *Reference Document Number* + *Line Item Number* + *G/L Account* are used for duplicate check. Data records with this combination should be unique in the migration template. Otherwise, the migration tool will display a duplicate error message. The *Line Item Number* will just be used as an additional key field and will not be migrated.
- Please note that you must fill and save value amounts in the migration file, in number and not in string format. Check the settings for a delimiter.
- For migration, the posting keys will be controlled by the sign in the amount fields. The sign for negative values should be set at the beginning:
  - A negative value will use posting key 50 (Credit entry) for G/L Account and 40 (Debit entry) for Offsetting G/L Account
  - A positive value will use posting key 40 (Debit entry) for G/L Account and 50 (Credit entry) for Offsetting G/L Account
- The initial offsetting (transfer booking) accounts to be used in the Open items and Open balances migration objects are described in the 2Q2 test script:
  - 39914000 (Initial FI-AR offset)
  - 39915000 (Initial FI-AP offset)
  - 39916000 (Initial other GL offset)
  - 39917000 (Initial other Open Item GL offset)
- **Assignment to a Profitability Segment (CO-PA)**: Market segment attributes are **not** relevant for **balance sheet accounts** as these fields are not carried over to the general ledger. Therefore, these fields are not displayed in the related UI for balance sheet accounts.

Two approaches for currency and amount:

Provide all relevant currencies and related amounts via the template. In doing this, the provided values will be adopted from the template regardless of existing exchange rates in the system.

Keep the *second local/group currency* field and related amount empty in the template. In this case, the amount will be automatically calculated by valid exchange rates in the system.

The exchange rate will be determined using the provided document or posting date. Which date will be used is defined in the customizing for each company code (in SPRO via *Change Foreign Currency Translation*).

Two approaches for CO account assignment for an account that is relevant to cost accounting:

Provide the required CO account assignment via migration template.

Define in customizing the automatic CO assignment on accounts via tcode `OKB9` (*Default account assignment*). Please note, if this required CO object isn't provided via the template, the default CO assignment will be used automatically for migration.

Mapping Structure Hierarchy

Level	Name
1	Header + Item (mandatory)

Level	Name
2	Italy Specific
2	Russia Specific
2	South Korea Specific
2	Mexico Specific

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction FB01	*Post Document*
Transaction FB02	*Change Document*
Transaction FB03	*Display Document*

Further Information

- SAP Knowledge Base Article 2853964 – *Migration Cockpit: Collective KBA for G/L Open Item or G/L Balance or FI AP Open Item or FI AR Open Item*

Available Migration Objects [page 2] in SAP S/4HANA.

1.363 *LO - Handling unit*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Handling Unit Management (LO-HU)
Business Object Type	Transactional data
Business Object Definition	A handling unit is a physical unit consisting of packaging materials (load carriers/packing material) and the goods contained on/in it. A handling unit is always a combination of products and packaging materials. All the information contained in the product items, for example, about batches, is retained in the handling units and is always available.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Handling units

Out of Scope

1. Serial numbers for handling unit items

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Handling unit general data
- Handling unit items

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Material inventory balance [page 1325]
- Batch unique at material and client level [page 1093]

Mapping Instructions

Bundles

Bundles are used to group several handling units to a nested handling unit. For example, if a carton that contains a material, is packed with another carton onto a pallet, the cartons and the pallet are a nested handling unit and have the same bundle ID.

Header Data

For every bundle ID there can be one or several lines in the header data. Each handling unit must have a unique *External Handling Unit ID*. On this level, the information about the packaging material, weights, volumes, and physical dimensions of the handling unit is defined.

Item Data

For every line in the header data there can be one or several entries on item level. On this level, the information about the packed material and the quantities is defined

Mapping Structure Hierarchy

Level	Name		
1	Bundles		
2		Header Data (mandatory)	
3			Item Data

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction `HUMO`	*Handling Unit Monitor*

Available Migration Objects [page 2] in SAP S/4HANA.

1.364 *FI - Historical balance*

Available Migration Objects [page 2] in SAP S/4HANA.

> **! Restriction**
>
> This object is restricted and only supports the data migration of the following four currency fields:
>
> - document/transactional balance currency
> - company code currency
> - group currency
> - freely-defined currency

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Transactional data
Business Object Definition	Historical G/L account balance: The balance of a G/L account is the amount resulting from the difference between the debit and credit balances of the account. There are two types of balance: • Credit balance (the credit side of the account is greater) • Debit balance (the debit side of the account is greater) This object loads the historical balance for general ledger accounts without any complex plausibility checks into the universal journal with zero effects. This means that these balances will be reversed automatically on the predefined migration key date in order to have a zero balance. The migrated historical balances are intended as an approach for reporting. It is not possible to view the migrated documents themselves.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of Historical G/L account balances
2. Migration on already closed posting periods before migration key date

3. Postings to G/L accounts with open item management
4. Postings on G/L account without the required assignment to a CO object
5. Direct postings to reconciliation accounts (Customer, Vendor, Asset)
6. Up to 33 fiscal years in the past

Out of Scope

1. Multiple line items per document post
2. External accounting document number
3. Postings on blocked or non existing G/L accounts
4. Display migrated historical document
5. More than 33 fiscal years in the past
6. Multiple assignment of cost center, profit center, or segment for the same historical balance posting (identical key field combination)

Supported Features

The following structures/features are supported in SAP S/4HANA:

- G/L Account Item
- Currency Item

Prerequisites

Before starting with the initial data transfer, you must define an overall migration key date for each company code. This migration key date will be used for all migration objects which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 1285] object.

Use the `FINS_MIG_CTRL_1` transaction (*Define Settings for Legacy Data Transfer*) to maintain these settings:

- Set the *Migration Key Date* for each required company code
- Set the *Legacy Data Transfer Status*:
  - *In Preparation*: migration key date is still unclear (migration of transactional data is not possible)
  - *Ongoing*: required for the initial data transfer (migration of transactional data is possible)
  - *Completed*: after successful finish of the initial data transfer (migration of transactional data is not possible)

The following objects must have already been maintained or migrated:

- FI - G/L account [page 1302]
  To be posted, G/L accounts must be maintained

Mapping Instructions

- Choose the required migration approach for historical balances in Migration Cockpit via the *Import method for historical balances* parameter:
  - *Period Movement*: It post the initial cumulative balance in the first provided period and the subsequent movements at the end of each following period which are provided via migration template. The cumulative balance will be increased or reduced by the amount of the subsequent movements. The latest cumulative balance will be carried from one period to the next one if no further subsequent movements are provided via migration template and will be automatically reversed in the period of the migration key date which is predefined via the *Define Settings for Legacy Data Transfer* app.
  - *Period Balance*: It post each uploaded balance at the end of the posting period and reverse it in the next following period.
- Enter only one line per document post for each period into the migration file. The offsetting entry will be generated automatically to ensure that the balance is zero. You don't need to reverse any data as this uploaded data wasn't posted.
- You must fill and save value amounts in the migration file in number and not in string format. Check the settings for a delimiter.
- For migration, the debit/credit indicator will be controlled by the sign in the amount fields. Don't use different signs (positive and negative) within same record. The sign for negative values should be set at the beginning:
  - A **positive** value will post a debit entry (S)
  - A **negative** value will post a credit entry (H)
- Fiscal year and period must be before the migration key date. Postings after this key date aren't allowed.
- Currency and amount:
  - All currency amount fields in the migration template are mandatory. The amounts will not be derived automatically.
  - Transaction/document currency is mandatory. Local/company code currency and group currency are optional and will be derived automatically by the customizing settings maintained in system. An error message will be displayed if those currencies are filled in the template but don't match the customizing settings.
  - Recommendation: provide all currency information via the template to ensure the provided amounts match to the related currencies. Otherwise, inconsistencies might be migrated.
- Naming convention used as internal document number (for example, DHG0000001):
  - D = Document
  - H = Historical
  - G = GL balance
  - 0000001 = automatically counted up
- Naming convention used for reversal document number (for example, DHR0000001):
  - D = Document
  - H = Historical
  - R = Reversal
  - 0000001 = automatically counted up

Mapping Structure Hierarchy

Level	Name
1	Item (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction S_PL0_86000030	*G/L Account - Balances*
Transaction FAGLB03	*G/L Account Balance Display*

Available Migration Objects [page 2] in SAP S/4HANA.

1.365 *QM - Inspection method*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM)
Business Object Type	Master data
Business Object Definition	Describes the procedure for inspecting a characteristic. Inspection methods are created as master records and assigned to master inspection characteristics, or inspection plans. Several inspection methods can be assigned to a master inspection characteristic.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA Cloud is supported.

This migration object does only support external number ranges.

Out of Scope

This migration object doesn't support internal number ranges.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Inspection Method General Data
- Inspection Method Short Text
- Inspection Method Long Text

Prerequisites

The following objects must have already been maintained or migrated:

- QM/PM - Catalog code group/code [page 1471]
- QM - Selected set [page 1502]
- QM - Selected set code [page 1504]

Mapping Instructions

- The version of the inspection methods will be created as **000001**.
- Text line in inspection method long texts. For each inspection method, there may be several languages here, but each language only has one text line in the source file. The object separates the text line into several lines automatically, and then into the long texts for each language.

Validity Period and Dependencies to Other Objects

Business objects that references this object must be created in validity period that fits to this object. If a successor object is created with a validity period starting before this object, it will normally cause an error

message during the creation or migration of the successor object. You therefore have to check such time dependencies before you create or migrate your objects. This will avoid later error messages and inconsistent data on your database.

Allowed Number Range for Keys (Inspection Method)

The migration object only supports the data migration of keys using the external number range. The key you want to migrate must be from an external number range.

If you're migrating keys that are within the internal number range, you've to manually adjust the Number Range Status (NRLEVEL) after the migration is finished. The Number Range Status contains the last assigned number for internal number range intervals.

Mapping Structure Hierarchy

Level	Name	
1	Inspection Method General Data (mandatory)	
2		Inspection Method Short Texts (mandatory)
2		Inspection Method Long Texts

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction QS31	*Create Inspection Method*
Transaction QS32	*Create Inspection Method Version*
Transaction QS33	*Change Inspection Method Version*
Transaction QS34	*Display Inspection Method Version*

Available Migration Objects [page 2] in SAP S/4HANA.

1.366 *QM - Inspection plan*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM)
Business Object Type	Master data
Business Object Definition	Description of the quality inspection process for materials in a plant
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Internal/external number range for task list group is supported.

Out of Scope

- Assignment of test equipments to an inspection characteristic is not supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Task List Header
- Material Task List Assignment
- Operations
- Inspection Characteristics

Prerequisites

The following objects must have already been maintained or migrated:

- QM/PM - Catalog code group/code [page 1471]
- QM - Selected set [page 1502]
- QM - Selected set code [page 1504]
- QM - Inspection method [page 1316]
- QM - Master inspection characteristic [page 1377]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object. To avoid error messages and inconsistent data on your database, make sure you check any such time dependencies before you create or migrate your objects.

Mapping Instructions

Flow Variants for Inspection Point Completion. The possible values are:

Blank - Quantity, valuation and confirmation (production)

1 - Quantity, valuation (production)

2 - Valuation

3 - Automatic valuation based on insp. point definition

Number Range Control Indicator

This is an indicator field, which determines whether the number range for the task list groups is internal or external.

Please enter **x** if it's internal, leave the field empty if it's external.

Mapping Structure Hierarchy

Level	Name		
1	Task List Group (mandatory)		
2		General Data (mandatory)	
3			Material Assignment

Level	Name	
4	Operations	
5		Characteristics

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction QP03	*Display Inspection Plan*

Available Migration Objects [page 2] in SAP S/4HANA.

1.367 *Material inspection setup (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

> ⚠ Caution
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

Purpose

Business Object Component/Area	QM Master Data (QM-PT-BD)
Business Object Type	Master data

Business Object Definition	Within this migration object you can assign inspection setup data to a material.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Inspection setup data

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Inspection Setup Data

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Make sure that the quality view for your product is available (the quality view will be available automatically when you provide at least one quality field during migration of your products using the Product [page 1432] migration object). It's technically not possible to create the quality view within this object.

Mapping Instructions

- During migration, you can choose via control parameter whether the inspection setup data should be taken from the source file/staging table or if it should be taken from the default which is defined in the system.

Mapping Structure Hierarchy

Level	Name
1	Inspection Setup Data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction MM03	*Display Material*

Choose *Quality Management* > *Insp.setup*.

Available Migration Objects [page 2] in SAP S/4HANA.

1.368 *CO - Internal order (restricted)*

Available Migration Objects [page 2] in SAP S/4HANA.

> **!** Restriction
>
> The use of this migration object is restricted. The underlying API can only create new settlement rules. You can't reuse existing rules.

Purpose

Business Object Component/Area	Controlling (CO)
Business Object Type	Transactional data

Business Object Definition	An internal order is an instrument used to monitor costs and, in some instances, the revenues of an organization. Internal orders can be used for the following purposes: 1. Monitoring the costs of short-term jobs 2. Monitoring the costs and revenues of a specific service 3. Ongoing cost control Order Number Range All the internal order types Y020- Y600 use internal number range. However, Y9A0 uses external number range from 9A0000000000 to 9AZZZZZZZZZZ.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

- Settlement Rules: The used API can only create new settlement rules. A reuse of existing rules is not possible.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Master data
- Create new settlement rules

Prerequisites

The following objects must already have been maintained or migrated:

- CO - Profit center [page 1406]
- CO - Cost center [page 1345]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Internal order master data (mandatory)	
2		Settlement rule data

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction KO03	*Display Internal Order*

Available Migration Objects [page 2] in SAP S/4HANA.

1.369 *Material inventory balance*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Inventory Management (MM-IM)
Business Object Type	Transactional data
Business Object Definition	A detailed list of all objects in stock at a specific time, resulting from a physical inventory (stocktaking process).

In Scope

Migration to SAP S/4HANA is supported.

1. Material document header
2. Material document item
3. The following types of transactions/events are supported: GM_Code 05: Other goods receipt

- The following stock types are supported:
  - 'X' - Stock in quality inspection
  - 'S' - Blocked stock
  - ' ' - Unrestricted use stock

> **i Note**
>
> For the special stock indicators **O** and **V**, the stock can be posted only in *Unrestricted use stock*.

- The following special stock indicators are supported:
  - *'K' - Vendor consignment*
  - *'W' - Customer consignment*
  - *'V' - Returnable packaging with customer*
  - *'O' - Parts provided to vendor*
  - *'E' - Orders on hand*
  - *'Q' - Project Stock*

> **i Note**
>
> For *Vendor consignment* stock, enter the special stock indicator **K** and the vendor.
>
> For *Customer consignment* stock, enter the special stock indicator **W** and the customer.
>
> For *Returnable packaging* stock, enter the special stock indicator **V** and the customer.
>
> For *Parts provided to vendor* stock, provide enter the special stock indicator **O** and the vendor.
>
> For *Orders on hand*, enter the special stock indicator **E** and the sales order with the corresponding item.
>
> For *Project* stock, enter the special stock indicator **Q** and the WBS element.
>
> For *Materials* that are managed serially, enter one item with the quantity **1** for each serial number.
>
> For *Materials* that are batch managed, enter the corresponding batch. If the batch doesn't exist, the system creates it in the goods movement posting.

Out of Scope

1. The following types of transactions and events aren't supported:
   - `GM_Code 01`: Goods receipt for purchase orders.
   - `GM_Code 02`: Goods receipt for production orders
   - `GM_Code 03`: Goods issue
   - `GM_Code 04`: Transfer postings
   - `GM_Code 06`: Reversal of goods movements
   - `GM_Code 07`: Subsequent adjustment of a subcontract order
2. Material document EWM ref.
3. Service parts for SPM
4. Create item data for catch weight management
5. Material document print control
6. Storage locations with an assignment to an external warehouse aren't supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Material Document Header Data
- Assign Code to Transaction for Goods Movement
- Material Document Items
- Serial Number

The following structures and features aren't supported:

- Material Document EWM Ref.
- Service Parts for SPM
- Create Item Data for Catch Weight Management
- Material Document Print Control

Prerequisites

- Before starting with the initial data transfer, you have to define an overall migration key date for each company code. This migration key date is used for all migration objects that are posted to financial accounting, except for the Fixed asset (incl. balances and transactions) [page 1285] object.
- Use the `FINS_MIG_CTRL_1` transaction (*Define Settings for Legacy Data Transfer*) to maintain these settings:
  - Set the *Migration Key Date* for each required company code
  - Set the *Legacy Data Transfer Status*:
    - *In Preparation*: migration key date is still unclear (migration of transactional data isn't possible)
    - *Ongoing*: required for the initial data transfer (migration of transactional data is possible)
    - *Completed*: after the initial data transfer is complete (migration of transactional data is possible)

- If you want to create inspections lots during stock posting you must consider the *QM not active* flag for *Movement Type 561* in your configuration. If this indicator is set for *Movement Type 561*, no inspection lots are created for this stock posting.
- The following objects have already been maintained or migrated:
  - Product [page 1432]: If you don't provide the external amount for the stock load, the system calculates the value with the material prices defined in the material master in the accounting data. If that's the case, please ensure that the price data provided in the material master isn't accurate.
  - Batch unique at material and client level [page 1093] (otherwise the system creates the batch automatically during stock posting).

    > **i Note**
    >
    > If you're using single batch valuation, you have to migrate the batches with a valid valuation category assigned to them before you can post the inventory. Automatic creation of the batch and the valuation category during inventory posting isn't permitted.

  - Supplier [page 1564]/Customer [page 1200] (only relevant for special stock: *K – vendor consignment*, *V – Returnable packaging with customer*, and *O - Parts provided to vendor*)
  - *WBS element* (only relevant for special stock *Q - Project stock*)
  - MM - Purchasing info record with conditions [page 1465] with the *Consignment* info category (relevant only for vendor consignment stock)

Mapping Instructions

General Information

You can use the *Technical Item Number* field in the *Material Document Item* sheet to determine the number of items posted according to the unique identifier entered in the *Material Document Header* sheet. We recommend that you structure documents with a maximum of 1000 records each.

The *Technical Item Number* field in the *Material Document Item* sheet and the *Technical Document Number* in the *Material Document Header* sheet aren't mapped to a target field.

Mapping of the *Serial Number* field

If you want to post a stock for a material that has a serial number profile assigned in the master data, there are two ways to determine the serial number that corresponds to the provided quantity:

1. You can use the *Create Serial Nos Automatically* indicator on the template. The system then automatically creates the serial numbers according to the given quantity. In this case, leave the *Serial Number* field empty.
2. You can provide the *Serial Number* on the template. Please note that, in this case, you have to provide one item with quantity 1 for each serial number.

Mapping of the *Batch Number* field in the *Material Document Item* sheet

You want to post stock for a material that is defined by its valuation category as a material valuated in single batches. If this is the case, you have to enter a valid batch. The valuation category has to be assigned in the batch.

You want to post stock for a material that is defined by its valuation category as a material valuated in split valuation. If this is the case, you have to enter a valid valuation type.

Mapping of the *External Amount in Local Currency* field in the *Material Document Item* sheet

The valuation of the stocks to be entered depends on two factors:

- The price and the type of price control defined in the accounting data of the material master record
- Whether you enter a value for the quantity entered:
  For a material valuated at a standard price, the initial entry of inventory data is valuated on the basis of the standard price. If you enter an alternative value in the *External Amount in Local Currency* field, the system posts the difference to a price difference account.
  For a material valuated at a moving average price, the initial entry of inventory data is valuated as follows:
  - If you enter a value when entering initial data, the quantity entered is valuated at this price. If the quotient of the value and the quantity of the initial data differs from the moving average price, the moving average price changes when initial data is entered.
  - If you don't enter a value when entering initial data, the quantity entered is valuated at the moving average price. In this case, the moving average price doesn't change.

i Note

It is possible that after the migration there are differences in the total stock value. The reason for this is rounding, which can be the case if the material is controlled with *Moving average price* (*V*) for *Price Control* and if a price unit greater than 1 is used. However, rounding effects can be reduced by using the *External Amount in Local Currency* field of the migration template. In case there are still differences after the migration, use the *Price Change* (`MR21`) transaction to correct wrong values.

Example

Find an example below in which the value after migration is not as expected.

- **Stock value in source system:** 101 PCE with a value of EUR 12.46, and a *Moving average price* of EUR 12.34 per 100 PCE.
- **Data in the migration template:** The *Moving average price* is maintained at EUR 12.34 per 100 PCE. During migration, two items for the same material are provided. One item with 1 PCE, and one item with 100 PCE. Nothing is provided in the *External Amount in Local Currency* field.
- **Stock value in target system:** 101 PCE with a value of EUR 12.12.

Explanation

1. First item: Goods receipt for 1 PCE. As the stock is zero and as nothing is provided in the *External Amount in Local Currency* field, the value is calculated from the *Moving average price*.
   1 PCE * EUR 12.34 / 100 PCE = value of EUR 0.12
2. Second item: Goods receipt for 100 PCE. As there is stock and as nothing is provided in the *External Amount in Local Currency* field, the value is calculated value-proportional from the existing stock.
   100 PCE * stock value EUR 0.12 / stock quantity 1 PCE = value of EUR 12.00

This results in a total stock value in the target system of 101 PCE with a value of EUR 12.12.

Example

Find an example below in which the value after migration is as expected.

- **Stock value in source system:** 101 PCE with a value of EUR 12.46, and a *Moving average price* of EUR 12.34 per 100 PCE.

- **Data in the migration template:** The *Moving average price* is maintained at EUR 12.34 per 100 PCE. During migration, two items for the same material are provided. One item with 1 PCE, and one item with 100 PCE. The *External Amount in Local Currency* field is filled out.
- **Stock value in target system:** 101 PCE with a value of EUR 12.46.

Explanation

1. First item: Goods receipt for 1 PCE with an *External Amount in Local Currency* of EUR 0.12. This results in a value of EUR 0.12
2. Second item: Goods receipt for 100 PCE with an *External Amount in Local Currency* of EUR 12.34. This results in a value of EUR 12.34

This results in a total stock value in the target system of 101 PCE with a value of EUR 12.46.

Mapping Structure Hierarchy

Level	Name
1	Material Document Header (mandatory)
2	Material Document Item (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction MMBE	*Stock Overview*
Transaction MB5L	*List of Stock Values: Balances*
Transaction MB51 with Goods Movement Type *561*	*Material Doc. List*
Transaction MB52	*List of Warehouse Stocks on Hand*

Further Information

- SAP Knowledge Base Article 2813720 – *SAP S/4HANA Migration cockpit: Collective KBA for migration object "Material inventory balance"*

Available Migration Objects [page 2] in SAP S/4HANA.

1.370 *JVA - Joint operating agreement*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Joint Venture Accounting for Oil and Gas (CA-JVA)
Business Object Type	Master data
Business Object Definition	Companies in the Oil & Gas industry typically form joint venture partnerships to minimize risks involved in the Oil & Gas upstream capital-intensive operations that demand a long payback period. A joint venture partnership consists of an operating partner (operator) and one or more non-operating partners who combine monetary or personnel resources to share a project's expenses and revenues. The operator manages the venture, arranges venture activities, and maintains accounting records in his or her own financial books. The operator remits venture expenses, collects revenues, and distributes these to the partners, according to their ownership shares. The Joint Operating Agreement (JOA) contains the contractual agreements between joint venture partners including the definition of the equity group.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Joint operating agreement
- JOA Desc.
- Equity groups
- Equity group description
- Equity group - Partner
- General overhead
- Stepped rate overhead
- Stat. ratio - Producing
- Stat. ratio - Producing thresholds
- Stat. ratio - Drilling
- Parent company overhead
- Payroll burden
- CI penalties

Prerequisites

The following objects must have already been maintained or migrated:

- JVA - Joint venture partner [page 1333]
- A mixture of external and internal numbering; JOA should be split into separate files for internal and external number objects and then the control parameter should be set separately for each file and migration run. Don't upload and activate both files at the same time, as they'll then be processed in parallel and the current control parameter setting will be thrown for both files.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Joint operating agreement (mandatory)		
2		JOA Desc. (mandatory)	
2		Equity groups	
3			Equity group description
3			Equity group - Partner

Level	Name			
2		General overhead		
3			Stepped rate overhead	
3			Stat. ratio - Producing	
4				Stat. ratio - Producing thresholds
3			Stat. ratio - Drilling	
2		Parent company overhead		
2		Payroll burden		
2		CI penalties		

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction GJAA	*Maintain Joint Operating Agreement*

Available Migration Objects [page 2] in SAP S/4HANA.

1.371 *JVA - Joint venture partner*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Joint Venture Accounting for Oil and Gas (CA-JVA)
Business Object Type	Master data
Business Object Definition	Companies in the Oil & Gas industry typically form joint venture partnerships to minimize risks involved in the Oil & Gas upstream capital-intensive operations that demand a long payback period. A joint venture partnership consists of an operating partner (operator) and one or more non-operating partners who combine monetary or personnel resources to share a project's expenses and revenues. The operator manages the venture, arranges venture activities, and maintains accounting records in his own financial books. The operator remits venture expenses, collects revenues, and distributes these to the partners, according to their ownership shares. The Joint Venture (JV) partner defines the Equity Group of a venture. Before you can set up an Equity Group, you need to create a JV partner.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Substance groups are not supported
2. Attachments are not supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Create Master Data
- Edit Master Data
- Delete Master Data

Prerequisites

- *Listed Substance* must exist (*Manage Listed Substance* app)
- The organizational structure and master data of the company must have been created in the system during activation. The organizational structure reflects the structure of the company.
- Master Data for Business Partner FI Customer needs to be available.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Partner (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction GJ2B

Available Migration Objects [page 2] in SAP S/4HANA.

1.372 *JVA - Cost center suspense*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Joint Venture Accounting for Oil and Gas (CA-JVA)
Business Object Type	Master data
Business Object Definition	If a partner, or equity group or cost object is suspended, cutback postings are not executed. When you remove the project, partner, cost object or equity group from suspense, cutback processes all expenses incurred during suspense. Suspended partners do not receive an invoice. When partners are removed from suspense, they receive an invoice that includes expenses for the complete period of suspense. **Suspense:** When you place an object in Suspense, all summary records with billable RI and one of the objects above in suspense are transferred to a suspense Recovery Indicator. The billable records are balanced to zero and are therefore not subject to cutback. **Unsuspense:** When you remove an object from suspense, all summary records with suspense recovery indicator of the unsuspended objects are transferred to a billable record. The suspended records are balanced to zero. The billable records are then cutback in the unsuspense period.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. JV Cost Center in Suspense

Out of Scope

1. Partner
2. Equity group
3. Projects
4. Ventures
5. Orders

Supported Features

The following structures/features are supported in SAP S/4HANA:

- JV Cost Center in Suspense

Prerequisites

> **i** Note
>
> The organizational structure and master data of the company must have been created in the system during activation. The organizational structure reflects the structure of the company.

The following objects must have already been maintained or migrated:

- JVA - Joint venture master data [page 1342]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	JV Cost center in Suspense

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction `GJ_SUS_CC`	*Suspend Cost Centers*

Available Migration Objects [page 2] in SAP S/4HANA.

1.373 *JVA - Venture suspense*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Joint Venture Accounting for Oil and Gas (CA-JVA)
Business Object Type	Master data
Business Object Definition	If a partner, or equity group or cost object is suspended, cut-back postings are not executed. When you remove the project, partner, cost object or equity group from suspense, then cutback processes all expenses incurred during suspense. Suspended partners do not receive an invoice. When partners are removed from suspense, they receive an invoice that includes expenses for the complete period of suspense. **Suspense:** When you place an object in suspense, all summary records with billable RI and one of the objects above in suspense are transferred to a suspense Recovery Indicator. The billable records are balanced to zero and are therefore not subject to cutback. **Unsuspense:** When you remove an object from suspense, all summary records with suspense recovery indicator of the unsuspended objects are transferred to a billable record. The suspended records are balanced to zero. The billable records are then cutback in the unsuspense period.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. JVA - Venture suspense

Out of Scope

1. Partner
2. Equity group
3. Cost Centers
4. Projects
5. Orders

Supported Features

The following structures/features are supported in SAP S/4HANA:

- JVA - Venture suspense

Prerequisites

> **i Note**
>
> The organizational structure and master data of the company must have been created in the system during activation. The organizational structure reflects the structure of the company.

The following objects must have already been maintained or migrated:

- JVA - Joint venture master data [page 1342]

Mapping Structure Hierarchy

Level	Name
1	JVA - Venture in suspense

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction `GJ_SUS_VE`	*Suspend Ventures*

Available Migration Objects [page 2] in SAP S/4HANA.

1.374 *JVA - Project suspense*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Joint Venture Accounting for Oil and Gas (CA-JVA)
Business Object Type	Master data
Business Object Definition	If a partner, or equity group or cost object is suspended, cutback postings are not executed. When you remove the project, partner, cost object or equity group from suspense, then cutback processes all expenses incurred during suspense. Suspended partners do not receive an invoice. When partners are removed from suspense, they receive an invoice that includes expenses for the complete period of suspense. **Suspense:** When you place an object in suspense, all summary records with billable RI and one of the objects above in suspense are transferred to a suspense Recovery Indicator. The billable records are balanced to zero and are therefore not subject to cutback. **Unsuspense:** When you remove an object from suspense, all summary records with suspense Recovery Indicator of the unsuspended objects are transferred to a billable record. The suspended records are balanced to zero. The billable records are then cutback in the unsuspense period.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. JV Project in Suspense

Out of Scope

1. Partner
2. Equity group
3. Cost Centers
4. Ventures
5. Orders

Supported Features

The following structures/features are supported in SAP S/4HANA:

- JV Project in Suspense

Prerequisites

> **i** Note
>
> The organizational structure and master data of the company must have been created in the system during activation. The organizational structure reflects the structure of the company.

The following objects must have already been maintained or migrated:

- JVA - Joint venture master data [page 1342]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	JV Project in suspense

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction GJ34	*Suspend Projects*

Available Migration Objects [page 2] in SAP S/4HANA.

1.375 *JVA - Joint venture master data*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Joint Venture Accounting for Oil and Gas (CA-JVA)
Business Object Type	Master data

Business Object Definition	Companies in the Oil & Gas industry typically form joint venture partnerships to minimize risks involved in the Oil & Gas upstream capital-intensive operations that demand a long payback period. A joint venture partnership consists of an operating partner (operator) and one or more non-operating partners who combine monetary or personnel resources to share a project's expenses and revenues. The operator manages the venture, arranges venture activities, and maintains accounting records in their own financial books. The operator remits venture expenses, collects revenues, and distributes these to the partners, according to their ownership shares. The Joint Venture is used to identify the type of venture, such as corporate, operated, or non-operated, as well as the partners and their working interests within the joint operating agreement.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Joint Venture
- Joint Venture Description
- Equity Group Assignment
- Equity Group JV Level
- Equity Group JV level - Partner Share
- Equity Group - Cross Company Venture
- Equity Group - Substitute Cost Object
- Equity Group JV Level - Funding Currency

Prerequisites

The following objects must have already been maintained or migrated:

- JVA - Joint venture partner [page 1333]

- JVA - Joint operating agreement [page 1331]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name			
1	Joint Venture (mandatory)			
2		Joint Venture Description (mandatory)		
2		Equity Group Assignment		
3			Equity Group JV level - Partner	
4				Equity Group JV Level - Carried Interest
3			Equity Group - Cross Company Venture	
3			Equity Group - Substitute Cost Object	
3			Equity Group JV Level - Funding Currency	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction GJVV

Available Migration Objects [page 2] in SAP S/4HANA.

1.376 *CO - Cost center*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Cost center (CO)
Business Object Type	Master data
Business Object Definition	An organizational unit within a controlling area that represents a defined location of cost incurrence. A cost center can be defined in various time intervals.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

You can only migrate cost centers if the controlling area that is assigned to the cost center is not configured to use ALE distribution.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Main Data
- Basic Data
- Control
- Organizational Units
- Budget Availability Control
- Address
- Communication
- Joint venture

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Profit center [page 1406]
- JVA - Joint venture master data [page 1342]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid later error messages and inconsistent data on your database.

Mapping Instructions

Parallel Processing of Cost Centers

Cost centers cannot be processed in parallel, since the hierarchy is locked when inserting a cost center. Thus, either migrate cost centers within a single file or migrate multiple files sequentially (not in parallel).

Mapping Structure Hierarchy

Level	Name
1	Cost center master data (mandatory)

Language in Which Text is Saved

The *LANGU* field shows the language in which text is saved. The cost center name and description will be saved according to the entry in the *LANGU* field. If the field is not completed, the text will be saved in the user logon language as the default language. A cost center with a description in a different language is not supported.

Tax Jurisdiction Code Determination via Vertex

If *Vertex* is activated (especially on US installations) the tax jurisdiction code will be determined by the address.

If Vertex determines more than one tax jurisdiction code for a record, the migration of this record will fail. If this happens, you have to provide a more detailed/accurate address, for example, US Postal codes with 9 digits instead of 5 digits.

The more detailed and accurate an address, the better the tax jurisdiction code will be determined by Vertex. For some addresses, Vertex will always provide more than one tax jurisdiction code. In this case, you will have to maintain this record manually or provide a correct tax jurisdiction code within the template.

If there is a field available in the migration object template to provide the correct tax jurisdiction within the record, then fill this field with the correct code and start the transfer again with this new file.

Hierarchy area

Cost center groups entered in the *KHINR/Hierarchy area* field must be assigned to the standard hierarchy. If this is not the case, you will get the error message `Cost Center Group cannot be used`.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction KS03	*Display Cost Center*

Available Migration Objects [page 2] in SAP S/4HANA.

1.377 *Legal transaction*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Legal Content Management (LCM)
Business Object Type	Transactional data
Business Object Definition	Business object that is used to manage the lifecycle of legal content as part of a business transaction or a business scenario. A legal transaction collects the involved parties and important dates, it groups the assigned documents and organizes the tasks.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Header Data
2. Entity Data
3. Internal Contact Data
4. External Contact Data
5. Linked Objects Data
6. Renewal and Termination Data
7. Relationship Data
8. Date Data
9. Categories Data

Out of Scope

1. Task Group Templates
2. Tasks
3. Documents
4. Linked Documents
5. Notes; object list cannot be created

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header
- Entity
- Internal Contact
- External Contact
- Linked Objects
- Renewal and Termination
- Relationship
- Date
- Categories

Prerequisites

Contexts and categories should be created in the system.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Entity
2		Internal Contact
2		External Contact
2		Linked Objects
2		Renewal and Termination
2		Relationship
2		Date
2		Categories

Tax Jurisdiction Code Determination via Vertex

If Vertex is activated (especially on US installations) the tax jurisdiction code will be determined by the address.

If Vertex determines more than one tax jurisdiction code for one record, the migration of this record will fail. If this happens, you will have to provide a more detailed/accurate address, for example, 9 digit US Postal codes instead of 5 digits.

The more detailed and accurate an address, the better the tax jurisdiction code will be determined by Vertex.

For some addresses, Vertex will always provide more than one tax jurisdiction code. In this case you will have to maintain this record manually.

If there is a field available in the Migration object template to provide the correct tax jurisdiction within the record, then fill this field with the correct code and start the transfer again with this new file.

Pricing scales are supported

Example for quantity based scale:

Scale quantity	Scale unit of measure	Scale rate	Scale currency
1,000	EA	100,00000	EUR
100,000		90,00000	EUR

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Legal Transactions* Choose *Legal Transaction*.
Business Role:	*Legal Counsel* (`SAP_BR_LEGAL_COUNSEL`)

Find more information about SAP Fiori apps in the SAP Fiori apps reference library. This information covers required business roles and includes links to the respective app documentation.

Further Information

For information regarding the used API see SAP Note 1348099.

Available Migration Objects [page 2] in SAP S/4HANA.

1.378 *Material listing and exclusion*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Material Listing/Exclusion (SD-MD-MM-LIS)
Business Object Type	Master data

Business Object Definition	Condition record for material (that is, product) listing or exclusion, which controls what material a customer can or cannot buy. Each condition record stores a condition that applies during listing and exclusion determination in sales documents.
Migration Approach	File/Staging Table

Supported Features

The following structures/features are supported in SAP S/4HANA:

- This migration object supports the condition keys listed in the Supported Key Fields for Listing and Exclusion Conditions file.

Prerequisites

The following objects must have already been maintained or migrated:

The objects (for example, Product [page 1432] and Customer [page 1200]) that map to the key fields in your condition records must have been maintained or migrated.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Listing/Exclusion condition header (mandatory)	
2		Listing/Exclusion condition keys (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.

4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction VB03	*Display Listing/Exclusion*

Further Information

- This migration object supports the condition keys listed in the Supported Key Fields for Listing and Exclusion Conditions file.

Available Migration Objects [page 2] in SAP S/4HANA.

1.379 *CO - Activity type*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Activity types (CO)
Business Object Type	Master data
Business Object Definition	A unit in a controlling area that classifies the activities performed in a cost center. Example: Activity types in production cost centers are machine hours or finished units
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Indicator
- Output

Prerequisites

If you set the *TESTRUN* flag, the migration will be simulated but no data will be posted to the system.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Activity master data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction KL03	*Display Activity Type*

Available Migration Objects [page 2] in SAP S/4HANA.

1.380 *PM - Maintenance item*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Maintenance Item (PM)
Business Object Type	Master data
Business Object Definition	A description of the maintenance and inspection tasks required at regular intervals for maintenance objects.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Data transfer for settlement rule of maintenance plan item
2. Data transfer for object list item of maintenance plan item
3. Data transfer for individual accounting and location data
    - These are taken from the reference object when they exist

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Maintenance Item
- Object List

Prerequisites

The following objects must already have been maintained or migrated:

- PM - Equipment [page 1278]
- PM - Functional location [page 1295]
- Work center/Resource [page 1575]
- Cost element
- PM - General maintenance task list [page 1298]
- PM - Equipment task list [page 1276]
- PM - Functional location task list [page 1291]

Mapping Instructions

The *Maintenance Item Number* will be generated by the system during creation. The *Maintenance Item Number* will not be stored. It is only necessary for technical reasons. Every record must have a unique key.

During the creation of an *Object List Item*, the following field entry options can be available in the source system:

1. Technical Object (Equipment or Functional location)
2. Assembly
3. Material
4. A combination of Technical Object (Equipment or Functional location) and Material + Serial Number
5. A combination of Technical Object (Equipment or Functional location) and Assembly
6. A combination of Serial number and Material

> **i Note**
>
> - For the combination Serial Number + Material it should be noted that Serial Number cannot be filled without Material.
> - Assembly and Material cannot be filled at the same time.
> - At least one of the fields, Assembly, Material or Technical Object (Equipment or Functional location) must be filled.
> - A Technical Object that is marked for deletion cannot be added.

Mapping Structure Hierarchy

Level	Name	
1	Maintenance Item (mandatory)	
2		Object List

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction IP06	*Display Maintenance Item*

Available Migration Objects [page 2] in SAP S/4HANA.

1.381 *PM - Maintenance plan*

Available Migration Objects [page 2] in SAP S/4HANA.

→ Tip

This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.

Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Maintenance Plan (PM)
Business Object Type	Master data
Business Object Definition	A list of maintenance and inspection tasks to perform on maintenance objects. The dates and scope of the tasks are also defined in the maintenance plan. There are three types of maintenance plan: • Single cycle plans (time- or performance-based) • Strategy plans (time- or performance-based) • Multiple counter plans
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Data transfer for time- and performance-based maintenance plans
    - Strategy Plans
    - Single Cycle Plans
2. Data transfer for maintenance plan item
3. Data transfer for object list

Out of Scope

1. Multi-Counter plans
2. Cycle information for strategy plans:
   This is taken from the *Maintenance Strategy* object.
3. Data transfer for settlement rule of maintenance plan item
4. Data transfer for object list item of maintenance plan item
5. Data transfer for individual accounting and location data:
   This is taken from the *Reference* object, where it exists.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Maintenance Plan

- Maintenance Item
- Object List

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Equipment [page 1278]
- PM - Functional location [page 1295]
- PM - Equipment task list [page 1276]
- PM - Functional location task list [page 1291]
- PM - General maintenance task list [page 1298]
- Work center/Resource [page 1575]
- PM - Measuring point [page 1237] (performance-based maintenance plan)
- PM - Measurement document [page 1235] (performance-based maintenance plan)

Mapping Instructions

- During migration, you can choose between internal and external number assignment for the maintenance plan. The *Maintenance Item Number* will be generated by the system during creation.
- The difference between a single cycle plan and a strategy plan is made via the *STRAT* field (blank or filled).
- During the creation of an *Object List Item*, the following field entry options can be available in the source system:
  1. Technical Object (Equipment or Functional location)
  2. Assembly
  3. Material
  4. A combination of Technical Object (Equipment or Functional location) and Material + Serial Number
  5. A combination of Technical Object (Equipment or Functional location) and Assembly
  6. A combination of Serial number and Material

  > **i** Note
  >
  > - For the combination Serial Number + Material it should be noted that Serial Number cannot be filled without Material.
  > - Assembly and Material cannot be filled at the same time.
  > - At least one of the fields, Assembly, Material or Technical Object (Equipment or Functional location) must be filled.
  > - A Technical Object that is marked for deletion cannot be added.

Mapping Structure Hierarchy

Level	Name		
1	Maintenance Plan Data (mandatory)		
2		Maintenance Item Data (mandatory)	
3			Object List

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction IP03	*Display Maintenance Plan* or
Transaction IP16	*Display Maintenance Plan: Selection Criteria*

Available Migration Objects [page 2] in SAP S/4HANA.

1.382 *Product classification - Commodity code*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Global Trade Services (SLL-LEG)
Business Object Type	Master data

Business Object Definition	You can classify products by commodity code, an official key as defined in the European Communities' harmonized system for describing and coding commodities. Commodity codes are used in the Intrastat declaration and are relevant to EU foreign trade statistics. The plant in the migration template is used to determine the plant country and, depending on that, the numbering scheme assigned to that country. New classifications are time-dependent and the validity of those records is based on the validity of the commodity code instance found in the system. If several instances of the same commodity code are found, the one that is currently valid will be used. If no such instance exists, the last one chronologically is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Classification with commodity code.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Classification on plant level

Prerequisites

- Commodity Code Numbering Schemes are assigned to countries
- Commodity Codes are maintained for relevant numbering schemes

The following object must have already been maintained or migrated:

- Product [page 1432]

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction MM03	*Display Material*

Available Migration Objects [page 2] in SAP S/4HANA.

1.383 *Material - Forecast planning*

Available Migration Objects [page 2] in SAP S/4HANA.

> ! Restriction
>
> - To migrate material consumptions, please use the new Product consumption [page 1408] migration object.

Purpose

Business Object Component/Area	Material Master (LO-MD)
Business Object Type	Master data
Business Object Definition	A quantity usually updated by the system when a material is withdrawn from the warehouse or stores, indicating how much of the material has been used or consumed over a particular past period.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

- Migration of Forecast Values

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Forecast values
  Only values that correspond to the current validity period of the product are taken into account. Values that are not in the validity period will be ignored.

  > **i** Note
  >
  > The system sets the *Fixing* indicator automatically.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]

Mapping Instructions

Restrictions

You can migrate several organization levels for a specific material with one migration template belonging to a specific project.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

After migration execute the forecast.

How to Validate your Data in the System

Transaction MM03	*Display Material*

Choose ▶ *Forecast view* ▶ *Forecast values* ▶.

Available Migration Objects [page 2] in SAP S/4HANA.

1.384 *Product classification - Legal control*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	International Trade Classification (SLL-ITR-CLS)
Business Object Type	Master data
Business Object Definition	You can use this migration object to classify products for legal control. This includes the assignment of control classes and control groupings as well as the setting of the control relevance.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

It is not possible to maintain the validity start and validity end of the product classification. The validity is derived from the control class.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Legal Control Classification Data

Prerequisites

Required business role:

- *Trade Classification Specialist* (`SAP_BR_TRD_CLS_SPECIALIST`)

The following objects must have already been maintained or migrated:

- Product [page 1432]

The following data must have already been set up:

- Legal Regulation
- Control Classes (if used in the template)
- Control Groupings (if used in the template)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Legal Control Classification (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Display Classified Products*
Business Role:	*Trade Classification Specialist* (`SAP_BR_TRD_CLS_SPECIALIST`)

Find more information about SAP Fiori apps in the SAP Fiori apps reference library. This information covers required business roles and includes links to the respective app documentation.

Further Information

International Trade

Available Migration Objects [page 2] in SAP S/4HANA.

1.385 *Material - extend existing rec. with long text (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

> ⚠ Caution
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

Purpose

Business Object Component/Area	Material Master (LO-MD)
Business Object Type	Master data
Business Object Definition	You can create different long texts for a material. The key for long texts is based on the text object, text name, text ID, and language key. The text object and text name are provided by the migration object. The text ID defines the various types of texts relating to a text object. The following table defines which combinations are permitted for material long texts.
Migration Approach	File/Staging Table

Text Object	Text ID
MATERIAL	BEST (Purchase order text)
MATERIAL	GRUN (Basic data text)
MATERIAL	IVER (Internal comment)
MATERIAL	PRUE (Inspection text)
MDTXT	LTXT (Material memo)
MVKE	0001 (Sales text)

In Scope

Migration to SAP S/4HANA is supported.

- Material long texts:
  Purchase order text, basic data text, internal note, inspection text
- MRP long texts:
  You can transfer MRP long texts only in the language that is assigned to the plant.
- Sales long texts

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Material Long Text
- MRP Long Text
- Sales Long Text

Prerequisites

The following objects have already been maintained or migrated:

- Product [page 1432]

Mapping Instructions

Run ID

On the *Product* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. You cannot import the same source record more than once in the same project. The *Run ID* field is an additional key field to which you can import the same product more than once.

For example, in the first import product "A" with a new product long text or sales long text, and in the second step the same product "A" with another product long text or sales long text.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates of the same SAP S/4HANA target instance within the same migration run are not allowed. The duplicate instances are skipped during processing.
>
> Nevertheless, all subitems of the target instance are created at the same time, when processing a target instance for the very first time. After successful migration, rerun the migration for each skipped instance. All subitems are processed in ascending order.

Basic Data

Mapping Structure Hierarchy

Level	Name	
1	Material (mandatory)	
2		Material long text
2		MRP long text
2		Sales long text

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction MM03	*Display Material*

Available Migration Objects [page 2] in SAP S/4HANA.

1.386 *VC - Material variant*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Variant Configuration (LO-VC)
Business Object Type	Master data
Business Object Definition	The material master record of a material variant is linked to the configurable material and configured using the characteristics of the configurable material. This variant of the configurable material can then be manufactured and kept in stock.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Class type variants (300) is supported.
2. Multiple values and negative values are allowed for characteristic value

Out of Scope

Interval assignments for characteristic value is not supported in AVC.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Characteristic Valuation

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Object classification - General template [page 1135]
- VC - Configuration profile [page 1170]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Characteristic Valuation

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Not available.

Available Migration Objects [page 2] in SAP S/4HANA.

1.387 *SD - Condition Record for Material determination*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	*Material Determination* (SD-MD-MM-DET)
Business Object Type	Master data
Business Object Definition	Condition record for material determination, which controls the replacement of an entered material (that is, product) with another material. Each condition record stores condition details for implementing material determination in sales documents.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Condition records for material determination in Sales (application D) can be migrated.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General information about the condition record
- Condition table keys
- Alternative substitute materials

Prerequisites

The following objects must have already been maintained or migrated:

The objects (for example, Product [page 1432]) that map to the key fields in your condition records must have been maintained or migrated.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Condition records (mandatory)	
2		Condition table keys (mandatory)
3		Alternative substitute materials (optional)

To know the condition keys predelivered by SAP and ways of finding the key combination of a particular condition table, refer to the Condition Keys for Material Determination file.

> **i** Note
>
> This migration object supports condition keys predelivered by SAP as well as other key fields that have been added to your condition tables. If your condition table contains key fields not listed in this file, the system does not validate the values of such key fields during migration. In case an invalid value has been migrated, material determination based on this condition may not work properly in sales documents.

For more information about other fields, see the field description in the template file.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction VB13	*Display Material Substitution*

Available Migration Objects [page 2] in SAP S/4HANA.

1.388 *SD - Material determination (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	SD-MD-MM-DET
Business Object Type	Master data
Business Object Definition	Material determination enables you to carry out the following tasks during sales order processing: • Automatically substitute materials • Automatically determine and offer the user a selection of products based on predefined conditions
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Material Substitution (mandatory)

For more information, see the field description in the template file.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction VB11	*Create Material Substitution*
Transaction VB12	*Change Material Substitution*
Transaction VB13	*Display Material Substitution*

Available Migration Objects [page 2] in SAP S/4HANA.

1.389 *FI - Cash memo record*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Financial Accounting (FI)-Cash Management
Business Object Type	Transactional data
Business Object Definition	Memo Record is used by cash manager to log the expected outgoing and incoming payments that are not logged into the SAP system via various postings.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Cash memo record

Prerequisites

If the source symbol for planning level is BNK (Bank Accounting) for example if planning level is AB, then in that case Bank account should be existing in the system before creating memo record.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Cash memo record data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction FF65	*List of Cash Management Memo Records*

Available Migration Objects [page 2] in SAP S/4HANA.

1.390 *Condition record for pricing in purchasing (restricted)*

Available Migration Objects [page 2] in SAP S/4HANA.

> **! Restriction**
>
> This migration object only supports the condition types and key combinations mentioned in the Supported Combinations of Key Fields for Price Conditions file. For other condition types and key combinations, please use the Condition record for pricing (general template) [page 1167] migration object.

> **! Restriction**
>
> You can use this migration object only for migration in the context of SAP Best Practices.

Purpose

Business Object Component/Area	Condition record for pricing in purchasing. During pricing, the system automatically transfers pricing data from the price conditions, for example, in sales and distribution. Prices, surcharges, and discounts are determined in sales and billing documents.
Business Object Type	Master data
Business Object Definition	The term pricing is used broadly to describe the calculation of prices (for external use by customers or vendors). Conditions represent a set of circumstances that apply when a price is calculated.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The following price conditions are supported:

1. Prices for application M - Purchasing (including scales)

Out of Scope

1. Sales conditions (see migration object Condition record for pricing in sales (restricted) [page 1495])
2. It is not possible to migrate additional information like "Lower limit" or "Upper Limit".

Supported Features

The following structures/features are supported in SAP S/4HANA:

- This migration object supports only the condition types and key combinations mentioned in the Supported Combinations of Key Fields for Price Conditions file.
- For other key combinations, you must use the Condition record for pricing (general template) [page 1167] migration object.
- This migration object is used to migrate pricing conditions. If you want to migrate purchasing info records with conditions, use the MM - Purchasing info record with conditions [page 1465] migration object.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Pricing condition records (mandatory)
2	Scales

For more information about how to fill the condition types and key combinations, see the Supported Combinations of Key Fields for Price Conditions file.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction MEK3	*Display Conditions (Purchasing)*

Examples

Example of a Quantity-Based Scale:

Scale quantity	Scale unit of measure	Scale rate	Scale currency
1,000	EA	100,00000	EUR
100,000	EA	90,00000	EUR

Example of a Scale-Based on Gross Weight:

Scale quantity	Scale unit of measure	Scale rate	Scale currency
1,000	KG	100,00000	EUR
100,000	KG	90,00000	EUR

Further Information

- This migration object supports only the condition types and key combinations mentioned in the Supported Combinations of Key Fields for Price Conditions file. For other condition types and key combinations, please use the Condition record for pricing (general template) [page 1167] migration object.

Available Migration Objects [page 2] in SAP S/4HANA.

1.391 *QM - Master inspection characteristic*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM)

Business Object Type	Master data
Business Object Definition	Characteristic on the basis of which an inspection is performed. For inspection characteristics, a distinction is made between qualitative and quantitative characteristic types. Inspection characteristics are often quality characteristics, but that doesn't necessarily have to be the case.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

This migration object does only support external number ranges.

Out of Scope

This migration object doesn't support internal number ranges.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- Characteristic Control Indicators
- Assign Inspection Methods
- Assign Inspection Catalogs
- Long Texts

Prerequisites

The following objects must have already been maintained or migrated:

- QM/PM - Catalog code group/code [page 1471]
- QM - Selected set [page 1502]
- QM - Selected set code [page 1504]
- QM - Inspection method [page 1316]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This avoids subsequent error messages and inconsistent data on your database.

Allowed Number Range for Keys (Master Inspection Characteristic)

The migration object only supports the data migration of keys using the external number range. The key you want to migrate must be from an external number range.

If you're migrating keys that are within the internal number range, you have to manually adjust the Number Range Status (NRLEVEL) after the migration is finished. The Number Range Status contains the last assigned number for the internal number range intervals.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Master Insp. Char. Basic Data (mandatory)	
2		Insp. Methods or Insp. Char.
2		Charact. Control Indicators (mandatory)
2		Master Insp. Char. Short Texts (mandatory)
2		Master Insp. Char. Long Texts

Detailed Mapping Instructions

- The version of the master data will be created as '000001'.
- The object only supports the assignment of one catalog, with type '1' (Characteristic attributes only).
- Text line in master inspection characteristic long texts

For each master inspection characteristic, there may be several languages here, but for each language, there's only one text line in the source file.

The object separates the text line into several lines automatically into the long texts for each language.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction QS21	*Create master insp. characteristic*
Transaction QS22	*Create Master Insp. Charc Version*
Transaction QS23	*Change master insp. charac. version*
Transaction QS24	*Display master insp. charac. version*

Available Migration Objects [page 2] in SAP S/4HANA.

1.392 *JIT - Communication group*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	JustInTimeCommunicationGroup (LE-JIT-S2P)
Business Object Type	Master data
Business Object Definition	Communication group is a combination of supplier and subsequent message partners with whom the supplier is working with for supplying the materials to production line requirements.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Initial load of JIT - Communication group.
2. Only internal number is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Message Partner

Prerequisites

The following objects must have already been maintained or migrated:

- N/A

Mapping Instructions

Internal number

To find out the internal number that was created, please switch to "Mapping Tasks" when the final "Migration" step is completed.Open "Mapping of Communication Group Number", the internal number you created can be found there.

Mapping Structure Hierarchy

Level	Name
1	Basic Data (mandatory)
2	Message Partner

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

App:	*Manage Communication Groups*
Business Role:	*Production Planner - Lean Manufacturing* (`SAP_BR_PRODN_PLNR_LEAN_MFG`)

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.393 *JIT - Customer*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	LE-JIT
Business Object Type	Master data
Business Object Definition	Customer Master enables you to manage Customer Data and receive Just-In-Time requests from these customers.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of Basic Data
2. Migration of Destinations
3. Migration of External Status Mapping
4. Migration of Additional Reference Text

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Destinations
- External Status Mapping
- Additional Reference text

Prerequisites

The following objects must have already been maintained or migrated:

- Customer [page 1200]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Destinations
2		External Status Mapping
2		Additional Reference text

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Manage JIT Customer Data*
Business Role:	*Master Data Specialist - Just-In-Time Supply* (`SAP_BR_MD_SPECIALIST_JIT`)

Available Migration Objects [page 2] in SAP S/4HANA.

1.394 *JIT - Package group*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	LE-JIT
Business Object Type	Master data
Business Object Definition	The package specification enables you to create a package definition based on which package units can be created for delivery.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of Package Specification Detail
2. Migration of Slot Group
3. Migration of Specification Description

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Package Specification Detail
- Slot Group
- Specification Description

Prerequisites

The following objects must have already been maintained or migrated:

- JIT - Supply control [page 1386]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Package Specification Detail (mandatory)	
2		Slot Group
2		Specification Description (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

Business Role:	`SAP_BR_MD_SPECIALIST_JIT`
App:	*Manage Packing Specifications for Sequenced JIT Calls*

Available Migration Objects [page 2] in SAP S/4HANA.

1.395 *JIT - Supply control*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	LE-JIT
Business Object Type	Master data
Business Object Definition	Supply controls enable you to control the business processing of JIT calls received from customers.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of Basic Data
2. Migration of Tolerance
3. Migration of Supply Control Description
4. Migration of Offset

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Tolerance
- Supply Control Description

- Offset

Prerequisites

The following objects must have already been maintained or migrated:

- JIT - Customer [page 1382]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Tolerance
2		Supply Control Description (mandatory)
2		Offset

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Business Role	`SAP_BR_MD_SPECIALIST_JIT`
App	*Manage JIT Customer Supply Controls*

Available Migration Objects [page 2] in SAP S/4HANA.

1.396 *FI - Accounts payable open item*

Available Migration Objects [page 2] in SAP S/4HANA.

> **!** Restriction
>
> This object is restricted and only supports the data migration of the following four currency fields:
>
> - document/transactional balance currency
> - company code currency
> - group currency
> - freely-defined currency

> **→** Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Transactional data
Business Object Definition	Open items are those items that aren't yet cleared. This document describes how to load the Accounts Payable open items also known as supplier open items.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Restricted migration of deferred taxes: only invoices, debit memos, and credit memos are supported.

Out of Scope

1. Multiple supplier line items per document post.
2. External accounting document number.
3. Open tax items / VAT line items (must be settled before data migration. Exception: deferred tax).
   SAP Note 2911854 – *SAP S/4HANA Migration Cockpit: Migration of VAT line items is not supported*
4. Calculate tax automatically.
5. Bill of exchange: The mass migration of accounts payable open items with the special G/L indicator referring to the special G/L type 'W'. This data must be posted manually in financial accounting.
6. Special G/L indicator leading to the noted item.
7. Down payment and down payment request.
8. Migration of open items with tax attributes from a country/region different from the company code country/region.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header
- G/L Account Item
- Supplier Item
- One-Time Account Data
- Tax Item (only for deferred tax)
- Withholding Tax Item
- Currency Item
- Local fields for IT, RU, KR, MX, SK

Prerequisites

Before starting with the initial data transfer, you must define an overall migration key date for each company code. This migration key date will be used for all migration objects which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 1285] object.

Use the `FINS_MIG_CTRL_1` transaction (*Define Settings for Legacy Data Transfer*) to maintain these settings:

- Set the *Migration Key Date* for each required company code
- Set the *Legacy Data Transfer Status*:
  - *In Preparation*: The migration key date is still unclear. Migration of transactional data isn't possible.
  - *Ongoing*: Required for the initial data transfer. Migration of transactional data is possible.
  - *Completed*: After finishing the initial data transfer, migration of transactional data isn't possible.

The following objects must have already been maintained or migrated:

- FI - G/L account [page 1302]

- Supplier [page 1564]
- CO - Profit center [page 1406]
  Note that posting on tax jurisdiction is automatically derived by profit center. Therefore, the tax jurisdiction code must be already maintained for the profit center master.
- Exchange rate [page 1281]

Maintain Profit Center Configuration (this setup must be completed before posting any transactions to the system):

For automatic document splitting, the default profit center is defined as `YB900` in S/4HANA Cloud. If no profit center is provided via migration template, the default profit center is chosen automatically.

There are 2 approaches to using the default profit center:

1. Create `YB900` as profit center master data to use the already defined default profit center.
2. To use your own default profit center, create a new profit center or choose an existing one as your default profit center. Use the `SSC-UI 120100` *Edit Constant for Nonassigned Processes* to replace `YB900` with your own default profit center.

More information can be found in the Roadmap Viewer.

Activating Time-Dependent Taxes (TDT) (explains how to migrate your data when you activate time-dependent taxes):

More information can be found under "Activating Time-Dependent Taxes" in the SAP Help Portal.

Dependencies

This is the recommended approach for the initial migration of financial data:

Please remember that no documents will be migrated. Only balances and open items are taken over.

Clear as many of the open items payable, receivables, taxes, and outgoing checks as possible from the accounts in the source system. By reducing these open items, you reduce the number of variables. This means a lower chance of errors as well as reducing the amount of reconciliation needed to verify the data migration.

Only the balance needs to be migrated from the bank account.

No items and balances need to be migrated from tax accounts because it's usually zero (for normal VATs) when the migration takes place. We assume that the tax transfer has already taken place. Therefore, no tax has to be migrated. Exception: Deferred taxes can be migrated with the migration activities for open items payable and open items receivable.

Mapping Instructions

- Enter only one line per document post in the migration file. The offsetting entry is generated automatically for the offsetting G/L account.
- The combination of the key fields *Company Code* + *Reference Document Number* + *Line Item Number* + *Supplier Number* are used to check for duplicates. Data records with this combination should be unique in

the migration template. Otherwise, the migration tool displays a duplicate error message. The *Line Item Number* is used as an additional key field and isn't migrated.

- Please make sure that you fill and save the value amounts in the migration file in numbers and not in a string format. Check the settings for a delimiter.
  For migration, the posting keys are always derived based on the account type and on the special G/L indicator that is submitted in the line item. Additionally, the posting keys are controlled by the sign in the amount fields. The sign for negative values should be set at the beginning:
  - A **negative** value uses posting key 31 (Invoice) for supplier and 40 (Debit entry) for Offsetting G/L Account (only without special G/L indicator).
  - A **positive** value uses posting key 21 (Credit memo) for supplier and 50 (Credit entry) for Offsetting G/L Accounts (only without the special G/L indicator).

    > **i** Note
    >
    > During the migration of credit memo line items, the *Invoice Reference* field is automatically set to 'V' by the BAPI. This is hard-coded and can't be changed.

- The initial offsetting (transfer booking) accounts to be used in the open items and open balances migration objects are described in the 2Q2 test script:
  - 39914000 (Initial FI-AR offset)
  - 39915000 (Initial FI-AP offset)
  - 39916000 (Initial other G/L offset)
  - 39917000 (Initial other Open Item G/L offset)

One-Time Accounts (CPD)

To migrate data for one-time account customers/supplier (CPD), you need to maintain the data for this one-time account in the *One-Time Account Data* sheet/table.

Deferred Tax

For posting of an invoice with deferred taxes, you need to provide a tax account, tax code, tax amount, and a tax base amount via the migration template.

The sign of the tax amounts and tax base amounts must be opposite to the amounts of the customer item. Tax amounts and tax base amounts must have the same sign. It's important that the sign doesn't differ.

If there is at least one deferred tax code in an invoice, then full tax information including nondeferred taxes should be provided in the migration template. This is necessary for a correct proportion calculation.

Two approaches for currency and amount

Provide all relevant currencies and related amounts via the template.When you do this, the provided values are adopted from the template regardless of the existing exchange rates in the system.

In the template, keep the *second local/group currency* field and the related amount empty. In this case, the amount is automatically calculated by valid exchange rates in the system.

The exchange rate is determined using the provided document or posting date. The date that is used is defined in Customizing for each company code (in SPRO via *Change Foreign Currency Translation*).

Payment Term / Payment block

If a default payment block is assigned to a payment term, then the open item is blocked accordingly. This also happens if the value for a payment block isn't provided via the template. Use a payment term without a default payment block to avoid an automatic payment block for the migrated open item.

Alternative Reconciliation Account

To use this field, you need to predefine this Customizing activity: *Financial Accounting* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Posting with Alternative Reconciliation Account* > *Define Alternative Reconciliation Accounts*.

Mapping Structure Hierarchy

Level	Name
1	Header + Item (mandatory)
2	One-Time Account Data
2	Deferred Tax Items
2	Withholding Tax Items
2	Italy Specific
2	Russia Specific
2	South Korea Specific
2	Mexico Specific
2	Slovakia Specific

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

The total balance of all migration clearing accounts used for the offsetting postings must be zero.

To ensure this, the offsetting amounts for the migration clearing accounts must be balanced with the initial G/L offsetting account for data migration. This can be done with the FI - G/L account balance and open/line item [page 1305] migration object.

How to Validate Your Data in the System

Transaction FB01	*Post Document*
Transaction FB02	*Change Document*

Transaction FB03	*Display Document*

> **i** Note
>
> For Deferred Tax:
>
> - Check entries in the *DEFTAX_ITEM* table
> - Program *RFUMSV50* for deferred tax transfer

Further Information

- SAP Knowledge Base Article 2853964 – *Migration Cockpit: Collective KBA for G/L Open Item or G/L Balance or FI AP Open Item or FI AR Open Item*

Available Migration Objects [page 2] in SAP S/4HANA.

1.397 *FI - Accounts receivable open item*

Available Migration Objects [page 2] in SAP S/4HANA.

> **!** Restriction
>
> This object is restricted and only supports the data migration of the following four currency fields:
>
> - document/transactional balance currency
> - company code currency
> - group currency
> - freely-defined currency

> **→** Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Financial Accounting (FI)
Business Object Type	Transactional data
Business Object Definition	Open items are items that aren't yet cleared. This document describes how to load the Accounts Receivable open items, also known as Customer open items.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Restricted migration of deferred taxes: only invoices, debit memos, and credit memos are supported.

Out of Scope

1. Multiple customer line items per document post.
2. External accounting document number.
3. Open tax items / VAT line items (must be settled before data migration. Exception: Deferred tax).
   SAP Note 2911854 – *SAP S/4HANA Migration Cockpit: Migration of VAT line items is not supported*
4. Calculate tax automatically.
5. Bill of exchange: The mass migration of accounts receivable open items with the special G/L indicator referring to the special G/L type 'W'. This data must be posted manually in financial accounting.
6. Special G/L indicator leading to the noted item.
7. Down payment and down payment request.
8. Migration of open items with tax attributes from a country/region different from the company code country/region.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header
- G/L Account Item
- Customer Item
- One-Time Account Data
- Deferred Tax Item (only deferred taxes allowed)

- Withholding Tax Item
- Currency Item
- Local fields for IT, RU, KR, MX, SK

Prerequisites

Before starting with the initial data transfer, you must define an overall migration key date for each company code. This migration key date will be used for all migration objects which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 1285] object.

Use the `FINS_MIG_CTRL_1` transaction (*Define Settings for Legacy Data Transfer*) to maintain these settings:

- Set the *Migration Key Date* for each required company code
- Set the *Legacy Data Transfer Status*:
  - *In Preparation*: Migration key date is still unclear (Migration of transactional data isn't possible)
  - *Ongoing*: Required for the initial data transfer (Migration of transactional data is possible)
  - *Completed*: After finishing the initial data transfer, migration of transactional data isn't possible.

The following objects must have already been maintained or migrated:

- FI - G/L account [page 1302]
- Customer [page 1200]
- CO - Profit center [page 1406]
  Posting on tax jurisdiction is automatically derived by the profit center. That's why the tax jurisdiction code must already be maintained for the profit center master.
- Exchange rate [page 1281]

Maintain Profit Center Configuration (this setup must be completed before posting any transactions to the system):

For automatic document splitting, the default profit center is defined as `YB900` in S/4HANA Cloud. If no profit center is provided via migration template, the default profit center is chosen automatically.

There are 2 approaches to use the default profit center:

1. Create `YB900` as profit center master data to use the already defined default profit center.
2. To use your own default profit center, create a new profit center or choose an existing one as your default profit center. Use the `SSC-UI 120100` *Edit Constant for Nonassigned Processes* to replace 'YB900' with your own default profit center.

More information can be found in the Roadmap Viewer.

Activating Time-Dependent Taxes (TDT) (explains how to migrate your data when you activate time-dependent taxes):

More information can be found under "Activating Time-Dependent Taxes" in the SAP Help Portal.

Dependencies

Recommended approach for the initial migration of financial data:

Please keep in mind that no documents will be migrated. Only balances and open items are taken over.

Clear as many of the open items payable, receivables, taxes, and outgoing checks as possible from the accounts in the source system. By reducing these open items, you'll reduce the number of variables resulting in a lower possibility of error as well as reducing the amount of reconciliation needed to verify the data migration.

Only the balance needs to be migrated from the bank account.

No items and balances need to be migrated from the tax accounts because they're usually at balance zero (for normal VATs) when the migration takes place. We assume that the tax transfer has already taken place. Therefore, no tax has to be migrated. Exception: Deferred taxes can be migrated with the migration activities for open items payable and open items receivable.

Mapping Instructions

- Enter only one line per document post in the migration file. The offsetting entry is generated automatically for the offsetting G/L account.
- The combination of key fields *Company Code* + *Reference Document Number* + *Line Item Number* + *Customer Number* is used to check for duplicates. Data records with this combination should be unique in the migration template. Otherwise, the migration tool displays a duplicate error message. The *Line Item Number* is used as an additional key field and isn't migrated.
- Make sure you fill in and save the value amounts in the migration file as numbers and not as strings. Check the settings for a delimiter.
  For migration, the posting keys are always derived based on the account type and on the special G/L indicator that is submitted in the line item. Additionally, the posting keys are controlled by the sign in the amount fields. The sign for negative values should be set at the beginning:
  - A **negative** value uses posting key 11 (Credit memo) for customer and 40 (Debit entry) for Offsetting G/L Account (only without special GL indicator).
  - A **positive** value uses posting key 01 (Invoice) for customer and 50 (Credit entry) for Offsetting G/L Account (only without the special G/L indicator).

  > **i Note**
  >
  > During migration of a credit memo line item, the *Invoice Reference* field is set to 'V' automatically by the BAPI. This is hard-coded and can't be changed.
- The initial offsetting (transfer booking) accounts to be used in the open items and open balances migration objects are described in the 2Q2 test script:
  - 39914000 (Initial FI-AR offset)
  - 39915000 (Initial FI-AP offset)
  - 39916000 (Initial other G/L offset)
  - 39917000 (Initial other Open Item G/L offset)

One-Time Accounts (CPD)

To migrate data for one-time account customers (CPD), you need to maintain the data for this one-time account in the *One-Time Account Data* sheet/table.

Deferred Tax

To post an invoice with deferred taxes it's necessary to provide a tax account, tax code, tax amount, and a tax base amount via the migration template.

The sign of the tax amounts and tax base amounts must be opposite to the amounts of the customer item. Tax amounts and tax base amounts must have the same sign. It's important that the sign doesn't differ.

If there is at least one deferred tax code in an invoice, then full tax information—including nondeferred taxes—should be provided in the migration template. This is necessary for a correct proportion calculation.

Two approaches for currency and amount

Provide all relevant currencies and related amounts via the template. In doing this, the provided values are adopted from the template regardless of existing exchange rates in the system.

In the template, keep the *second local/group currency* field and the related amount empty. The amount is automatically calculated by valid exchange rates in system.

The exchange rate is determined using the provided document or posting date. The date that is used is defined in Customizing for each company code (in SPRO via *Change Foreign Currency Translation*).

Payment Term / Payment block

If a default payment block is assigned to a payment term, then the open item is blocked accordingly. This also happens if the value for a payment block isn't provided via the template. Use a payment term without a default payment block to avoid an automatic payment block for the migrated open item.

Alternative Reconciliation Account

To use this field, the following IMG activity must be predefined: *Financial Accounting* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Posting with Alternative Reconciliation Account* > *Define Alternative Reconciliation Accounts*.

Mapping Structure Hierarchy

Level	Name
1	Header + Item (mandatory)
2	One-Time Account Data
2	Deferred Tax Items
2	Withholding Tax Items
2	Italy Specific
2	Russia Specific
2	South Korea Specific
2	Mexico Specific

Level	Name
2	Slovakia Specific

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

The total balance of all migration clearing accounts used for the offsetting postings must be zero.

To ensure this, the offsetting amounts for the migration clearing accounts must be balanced with the initial G/L offsetting account for data migration. This can be done with the FI - G/L account balance and open/line item [page 1305] migration object.

How to Validate your Data in the System

Transaction FB01	*Post Document*
Transaction FB02	*Change Document*
Transaction FB03	*Display Document*

> **i** Note
>
> For Deferred Tax:
>
> - Check entries in table *DEFTAX_ITEM*
> - Program *RFUMSV50* for deferred tax transfer

Further Information

- SAP Knowledge Base Article 2853964 – *Migration Cockpit: Collective KBA for G/L Open Item or G/L Balance or FI AP Open Item or FI AR Open Item*

Available Migration Objects [page 2] in SAP S/4HANA.

1.398 *PSS - Physical-chemical property*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Foundation (EHS-SUS-FND)
Business Object Type	Master data
Business Object Definition	Substances or mixtures are described by their physical-chemical properties. Examples for physical-chemical properties are color, odor, density, melting point, boiling point and so on. Some physical-chemical properties are used for the classification of substances and mixtures. Based on the classification, adequate protection measures are derived. These properties are printed on various documents, for example on the legally defined safety data sheet.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

- Attachments

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Physical-Chemical Property
- State of Matter
- Color
- Odor
- Odor Threshold

- Form
- Molar Mass
- Particle Size
- Particle Size Distribution
- Density
- Relative Density
- Bulk Density
- Relative Vapor Density
- Flow Time
- Dynamic Viscosity
- Solubility in Water
- pH
- Melting Point
- Boiling Point
- Vapor Pressure
- Evaporation Rate
- Partition Coefficient n-Octanol/Water

Prerequisites

The following objects or data must have already been maintained or migrated:

- PSS - Substance [page 1516]
- PSS - Product compliance info [page 1271]
- Phrases

Mapping Instructions

Mapping Structure Hierarchy

> **i Note**
>
> The column *Group* doesn't reflect a hierarchy level, but a grouping of properties.

Level	Name	Group	
1	Physical-Chemical Property (mandatory)		
2		General	State of Matter
2			Color
2			Odor
2			Odor Threshold

Level	Name	Group	
2			Form
2			Molar Mass
2		Particles	Particle Size
2			Particle Size Distribution
2		Density	Density
2			Relative Density
2			Bulk Density
2			Relative Vapor Density
2		Viscosity	Flow Time
2			Dynamic Viscosity
2			Kinematic Viscosity
2		Solutions	Solubility in Water
2			pH
2		Phase Transitions	Melting Point
2			Boiling Point
2			Vapor Pressure
2			Evaporation Rate
2			Partition Coefficient n-Octanol/Water

Preparation Migration Details

Process the migration for the unpackaged product or the substance.

1. Migrate physical-chemical property for unpackaged product using the following data from the migration template.

- Physical-Chemical Property
- State of Matter
- Color
- Odor
- Odor Threshold
- Form
- Molar Mass
- Particle Size
- Particle Size Distribution
- Density
- Relative Density
- Flow Time

- Dynamic Viscosity
- Kinematic Viscosity
- Solubility in Water
- pH
- Melting Point
- Boiling Point
- Vapor Pressure
- Evaporation Rate
- Partition Coefficient n-Octanol/Water

2. Migrate physical-chemical property for substance using the following data from the migration template.

- Physical-Chemical Property
- State of Matter
- Color
- Odor
- Odor Threshold
- Form
- Molar Mass
- Particle Size
- Density
- Relative Density
- Bulk Density
- Relative Vapor Density
- Solubility in water
- pH
- Melting Point
- Boiling Point
- Vapor Pressure
- Partition Coefficient n-Octanol/Water

> **i** Note
>
> There are no thousand separators such as commas or periods, for example for the property *Density* 1.5 g/cm³. The phrase ID that you have taken from the *Manage Phrase-Enabled Fields* app should be entered, not the phrase text, for example for the phrase **blue** the phrase ID is N09.00201730.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

Available Migration Objects [page 2] in SAP S/4HANA.

1.399 *Master recipe*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Production Planning for Process Industries (PP-PI)
Business Object Type	Master data
Business Object Definition	Production Planning for Process Industries (PP-PI) A description of an enterprise-specific process in the process industry that doesn't relate to a specific order. The master recipe is used for producing materials or supplying services.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. For phase relationship creation, the assignment of successor phase numbers from the current recipe counter is supported.

Out of Scope

1. For component allocation, multiple occurrences of the same phantom assembly in a BOM during component allocation aren't supported.
2. For phase relationship creation, the assignment of successor phase numbers from an existing system is not supported.

3. For phase relationship creation, the assignment of successor phase numbers across different recipe counters is not supported.
4. Segmentation is not supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header
- Material Assignment
- Operation
- Operation secondary resource
- Operation component allocation
- Phase
- Phase secondary resource
- Phase component allocation
- Phase relationship
- Long text

Prerequisites

The following objects need to have already been maintained or migrated:

- Product [page 1432]
- Work center/Resource [page 1575]
- Production version [page 1450]
- Material BOM [page 1100]
- Supplier [page 1564]
- MM - Purchasing info record with conditions [page 1465]
- MM - Purchase scheduling agreement [page 1493]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it causes an error message during the creation or migration of the successor object.

You have to check such time dependencies before you create or migrate your objects. This avoids subsequent error messages and inconsistent data on your database.

Mapping Instructions

Component Allocation

1. Component allocation is only possible if a production version is assigned to a master recipe group and counter.
2. In production version migration, you only need to specify the BOM information without specifying the recipe information.
3. The recipe formation is reset to the production version master data during the recipe creation.

Key Date

If change number value is provided, the key date of this change number is respected. If both key date and change number values aren't provided, the system date is considered as the key date.

Mapping Structure Hierarchy

Level	Name			
1	Recipe Group (mandatory)			
2		Recipe Header (mandatory)		
3			Material Assignment	
3			Operation	
4				Operation Secondary Resource
4				Operation Component Allocation
3			Phase	
4				Phase Relationship
4				Phase Secondary Resource
4				Phase Component Allocation

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction C203	*Display Master Recipe*

Available Migration Objects [page 2] in SAP S/4HANA.

1.400 *CO - Profit center*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Profit center (FI)
Business Object Type	Master data
Business Object Definition	An organizational unit in accounting that reflects a management-oriented structure of the organization for the purpose of internal control.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Indicator
- Address Data
- Communication
- Company Codes

Prerequisites

The following objects must have already been maintained or migrated:

- Groups for *CO - Profit center*

These fields are mandatory fields:

- Profit Center
- Controlling Area
- Valid from Date
- Valid to Date
- Profit Center Text
- Person Responsible
- Profit Center Group

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Profit center master data (mandatory)	
2		Company code assignment

Language in Which Text is Saved

The *LANGU* field shows the language in which text is saved. The *Profit Center* name and description will be saved according to the entry in the *LANGU* field. If the field is not completed, the text will be saved in the user logon language as the default language. A profit center with a description in a different language is not supported.

Tax Jurisdiction Code Determination via Vertex

If Vertex is activated (especially on US installations) the tax jurisdiction code will be determined by the address.

If Vertex determines more than one tax jurisdiction code for a record, the migration of this record will fail. If this happens, you have to provide a more detailed/accurate address, for example, US Postal codes with 9 digits instead of 5 digits.

The more detailed and accurate an address, the better the tax jurisdiction code will be determined by Vertex. For some addresses, Vertex will always provide more than one tax jurisdiction code. In this case, you will have to maintain this record manually or provide a correct tax jurisdiction code within the template.

If there is a field available in the migration object template to provide the correct tax jurisdiction within the record, then fill this field with the correct code and start the transfer again with this new file.

Hierarchy area

Profit center groups entered in the *KHINR- Profit center group* field must be assigned to the standard hierarchy. If this is not the case you will get the error message `Profit Center Group cannot be used`.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction KE53	*Display Profit Center*

Available Migration Objects [page 2] in SAP S/4HANA.

1.401 *Product consumption*

Available Migration Objects [page 2] in SAP S/4HANA.

> **!** Restriction
>
> You can migrate several organization levels for a specific material with one migration template of a specific project. If you have already migrated material consumptions (organization level view) and you want to extend those materials by additional consumptions for the same plant but different periods, please create a new project and use a new template. Additionally, follow the steps in the section *Mapping Instructions* to load this data.

Purpose

Business Object Component/Area	Material Master (LO-MD)
Business Object Type	Master data
Business Object Definition	A quantity usually updated by the system when a material is withdrawn from the warehouse or stores, indicating how much of the material has been used or consumed over a particular past period.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of total consumptions
2. Migration of unplanned consumptions

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Material
- Total Consumptions
- Unplanned Consumptions

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]

Mapping Instructions

- If the product is fresh, you can maintain the consumption value in the *Consumption value* field.
- If the product already has a consumption value, you have to use the *Corrected consumption value* field to update the consumption value.
- The *Ratio corr val to orig val* field is always generated automatically.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction MM03	*Display Material*

Consumption values can also be accessed via ▶ *Go To Additional Data* > *Consumption* ▶.

Available Migration Objects [page 2] in SAP S/4HANA.

1.402 *Product - extend existing rec by new org levels (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

> ⚠ Caution
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Product Master (LO-MD)
Business Object Type	Master data

Business Object Definition	Logistics Basic Data (LO-MD) The total of all product master records. A company manages the data for all its products in the product master.
Migration Approach	File/Staging Table

In Scope

> **i Note**
>
> With this migration object, you can extend an existing product by new organizational levels (for example plants, valuation areas, distribution chains, or storage locations). An update or enhancement of existing organizational levels isn't supported.
>
> You can also maintain new descriptions, new units of measure, and new GTINs.

Migration to SAP S/4HANA is supported.

1. Extend an existing product with new organizational levels
2. Basic data (only fields that might become relevant when you migrate new organizational units)
3. Additional Descriptions
4. Additional Units of Measure
5. Additional GTINs
6. Distribution Chains
7. Tax Classification
   You can enter the sales tax data corresponding to your sales organization in the manage product master data app under *Distribution Chain* > *Sales Tax*.
   For tax classification data, please provide the country/region, the tax category and the tax classification. If you have more than one tax category for a country/region, please use the *Tax Category 2*/*Tax Classification 2* fields and further on, use the *Tax Classification* sheet to provide the additional tax data.
   For the tax indicator for product (Purchasing), please enter the value in the *Tax Indicator* field in the *Plant Data* sheet.
8. Plant Data
9. Forecasting Data
10. Storage Locations
11. Production Resources Tools
12. Inspection Setup Data
13. MRP Areas
14. Warehouse Number Data
15. Storage Type Data
16. Valuation Data (including Valuation Current Period Data and Valuation Future Price Data)

> **i Note**
>
> The valuation data is a prerequisite for loading the stocks with the Material inventory balance [page 1325] migration object. If you don't use the external amount during the initial loading of stock, the system calculates the values of the stock posting with the price data provided in the product master.

Out of Scope

You aren't allowed to enrich existing organizational levels with new data. No updates of existing fields or records are possible.

1. Product long text (you can use the Product - extend existing record with long text [page 1426] migration object to migrate product-related long texts)
2. Data transfer for unplanned consumption
3. Data transfer for total consumption of product
4. Change already existing data

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Additional Descriptions
- Alternative Units of Measure
- Additional GTINs
- Distribution Chains
- Tax Classification
- Plant Data
- Forecasting Data
- Storage Locations
- Production Resources Tools
- Inspection Setup Data
- MRP Area
- Warehouse Number Data
- Storage Type Data
- Valuation Data
- Valuation Current Period

> **i Note**
>
> If parallel accounting is active, prices in all currencies are updated in all ledgers.
>
> If you need different prices in different ledgers, you can make price changes manually in the system, or use the upload function for multiple prices.

- Valuation Future Price

> **i Note**
>
> If parallel accounting is active, prices in all currencies are updated in all ledgers.
>
> If you need different prices in different ledgers, you can make price changes manually in the system, or use the upload function for multiple prices.

Prerequisites

The following objects have already been maintained or migrated:

- Product [page 1432]

Mapping Instructions

Unit of Measure

The unit of measure needs to be mapped to a valid ISO code. For details see SAP Knowledge Base Article 2907822.

Basic Data

In the *Basic Data* sheet, we offer only fields that might become relevant when you migrate a new organizational unit. This can happen, for example, when you migrate a new plant including data relevant to purchasing (such as the purchasing group). In this case, it might also become necessary to fill in the *Order Unit* field in the *Basic Data* sheet.

> **i Note**
>
> *Basic Data* sheet. You are not allowed to change existing values in the product master. Instead, you can use the *Manage Mass Maintenance - Products* app. For more information, refer to the online documentation for the *Manage Mass Maintenance – Products* app.

Run ID

On the *Basic Data* sheet, you find an additional key field, If a field already has a value in the related product master, you cannot add a value in the corresponding field in the *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. The *Run ID* field is an additional key field to which you can import the same product more than once.

For example, in the first step, import product "A" with a new plant view or sales area. In a second step, import the same product "A" with another plant view or sales area.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> Nevertheless, all subitems belonging to the target instance are created at the same time, when processing a target instance for the very first time. After successful migration, rerun the migration for each skipped instance to enhance the header data, if required. The processing sequence is in ascending order.

New Storage Location to an Existing Plant

If you want to migrate a new storage location to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for an existing plant. If you enter other values in the *Plant Data* sheet, an error message is displayed.

New Forecasting Parameter to an Existing Plant

If you want to migrate a new forecasting parameter to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You are not allowed to change existing values for an existing plant. If you enter other values in the *Plant Data* sheet, an error message is displayed.

New Production Resources Tools Data to an Existing Plant

If you want to migrate production resources tools data to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for an existing plant. If you enter other values on the *Plant Data* sheet, an error message is displayed.

New Inspection Setup Data to an Existing Plant

If you want to migrate inspection setup data to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for an existing plant. If you enter other values in the *Plant Data* sheet, an error message is displayed.

New Storage Type Data to Existing Warehouse Number Data

If you want to migrate storage type data to existing warehouse number data, please provide only the key fields in the *Warehouse Number Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for existing warehouse data. If you enter other values in the *Warehouse Number Data* sheet, an error message is displayed.

Inspection Setup Data

During migration, you use the control parameter to choose whether the inspection setup data should be taken from the source file or staging table, or if it should be taken from the default which is defined in the system.

Recommendation on how to Handle Cross-Plant Product Status and Plant-Specific Product Status

If you set the product status, the status settings may mean that posting follow-on migration objects leads to an error.

For example, in the SAP standard delivery, product status 01 is configured in such a way that an error message is triggered while posting the inventory. Consider that when you assign this status, the use of the product can be restricted. Depending on the status, the system issues either a warning message or an error message for follow-on postings. We recommend that you carefully consider whether you want to use this field so that you do not run into follow-on problems during the data migration process. You can easily set the content of these fields after the initial data migration using the *Manage Mass Maintenance – Products* app.

The *Master Data Specialist for Product Data* business role (`SAP_BR_PRODMASTER_SPECIALIST`) provides you with several tiles for managing and starting the *Manage Mass Maintenance – Products* app. You can open the app from SAP Fiori launchpad. You can import a file with changed data (supported formats are Comma-Separated Values (CSV) and Microsoft Office Open XML spreadsheet (XLSX). You have to provide the following details:

- Master data objects that are updated
- Tables and fields to be updated and their respective values

For more information, refer to the online documentation for the *Manage Mass Maintenance – Products* app.

Single Batch Valuation

Single batch valuation enables you to valuate product stocks for each batch in a different way. You can use single batch valuation if you want to keep the price and value of each individual batch in inventory management on a value basis.

To work with valuation for a single batch, you must choose the *X - for Automat. Batch* valuation category. Enter this in the *Valuation Data* sheet in the *Valuation Category* field.

> **i Note**
>
> The product itself needs to be managed in batches. In this case, you have to provide the *Batch management requirement* indicator in the *Basic Data* sheet.

If you use the single batch valuation for your product, you have to enter the valuation records as follows:

You have to define a valuation header record with the specified **X**valuation category, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with the respective price information.

> **Example**
>
> - *Valuation Data* sheet:

Product Number	Valuation Area	Valuation Type	Valuation Category	Cur-rency...	Price Control	...	Inventory Price Moving Average	Inventory Price Standard Price	...
B001	1010		X (Auto-mat. Batch)	EUR	V		21.00		
B001	1010	C1	X (Auto-mat. Batch)	EUR	S			20.00	
B001	1010	C2	X (Auto-mat. Batch)	EUR	S			21.00	

> **i Note**
>
> For the valuation header record, only the *V - moving average price* price control is possible. For the dependent records for each valuation type, you can choose between *moving average price* or *standard price*.

For the valuation header record, you can't enter *Material Ledger* prices in the *Valuation Current Period* or *Valuation Future Price* sheets. This is only possible for the dependent type records with the valuation type specified.

For example, you'd fill out the *Valuation Current Period* sheet as follows:

Product No.	Valuation Area	Valuation Type	Valuation Category	Currency Type	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	Price unit
B001	1010	C1	X (Automat. Batch)	30 (Group Currency)	S	USD		20.10	1
B001	1010	C2	X (Automat. Batch)	30 (Group Currency)	S	USD		22.00	1

Split Valuation

To work with split valuation, you need to choose a valuation category, such as *H - Origin*. Enter this in the *Valuation Data* sheet in the *Valuation Category* field.

If you use the split valuation for your product, you have to enter the valuation records as follows:

You have to define a valuation header record with the specified **H**valuation category, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with the respective price information.

Example

- *Valuation Data* sheet:

Product Number	Valuation Area	Valuation Type	Valuation Category	Cur-rency...	Price Control	...	Inventory Price Moving Average	Inventory Price Standard Price	...
S001	1010		H (Origin)	EUR	V		21.00		
S001	1010	LAND1	H (Origin)	EUR	S			20.00	
S001	1010	LAND2	H (Origin)	EUR	S			21.00	

Note

For the valuation header record, only the *V - moving average price* price control is possible. For the dependent records for each valuation type, you can choose between *moving average price* or *standard price*.

For the valuation header record, you can't enter *Material Ledger* prices in the *Valuation Current Period* or *Valuation Future Price* sheets. This is only possible for the dependent type records with the valuation type specified.

For example, you'd fill out the *Valuation Current Period* sheet as follows:

Product No.	Valuation Area	Valuation Type	Valuation Category	Currency Type	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	Price unit
S001	1010	LAND1	H (Origin)	30 (Group Currency)	S	USD		20.10	1
S001	1010	LAND2	H (Origin)	30 (Group Currency)	S	USD		22.00	1

Mapping Structure Hierarchy

Level	Name		
1	Basic Data (mandatory)		
2		Additional Descriptions	
2		Alternative Units of Measure	
2		Additional GTINs	
2		Distribution Chains	
2		Tax Classification	
2		Plant Data	
3			Forecasting Data
3			Storage Locations
3			Production Resources Tools
3			Inspection Setup Data
2		MRP Area	
2		Warehouse Number Data	
3			Storage Type Data
2		Valuation Data	
3			Valuation Current Period
3			Valuation Future Price

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

You can use the Product - extend existing record with long text [page 1426] migration object to migrate product-related long texts.

You can use the Material - Forecast planning [page 1361] migration object to migrate product consumptions and forecast values (only supported for SAP S/4HANA).

How to Validate your Data in the System

App:	*Manage Mass Maintenance – Products* (App ID `F2505`)
Transaction MM03	*Display product*
Transaction MM50	*Product List*

Further Information

- SAP Note 2726010 – Migration Cockpit: Support of custom fields (in-app extensibility)

Available Migration Objects [page 2] in SAP S/4HANA.

1.403 *Product - extend existing record by new org levels*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Product Master (LO-MD)

Business Object Type	Master data
Business Object Definition	Logistics Basic Data (LO-MD) The total of all product master records. A company manages the data for all its products in the product master.
Migration Approach	File/Staging Table

In Scope

> **i Note**
>
> With this migration object, you can extend an existing product by new organizational levels (for example plants, valuation areas, distribution chains, or storage locations). An update or enhancement of existing organizational levels isn't supported.
>
> You can also maintain new descriptions, new units of measure, and new GTINs.

Migration to SAP S/4HANA is supported.

1. Extend an existing product with new organizational levels
2. Basic data (only fields that might become relevant when you migrate new organizational units)
3. Additional Descriptions
4. Additional Units of Measure
5. Additional GTINs
6. Distribution Chains
7. Tax Classification
   You can enter the sales tax data corresponding to your sales organization in the manage product master data app under *Distribution Chain* > *Sales Tax*.
   For tax classification data, please provide the country/region, the tax category and the tax classification. If you have more than one tax category for a country/region, please use the *Tax Category 2*/*Tax Classification 2* fields and further on, use the *Tax Classification* sheet to provide the additional tax data.
   For the tax indicator for product (Purchasing), please enter the value in the *Tax Indicator* field in the *Plant Data* sheet.
8. Plant Data
9. Forecasting Data
10. Storage Locations
11. Production Resources Tools
12. Inspection Setup Data
13. MRP Areas
14. Warehouse Number Data
15. Storage Type Data
16. Valuation Data (including Valuation Current Period Data and Valuation Future Price Data)

> **i Note**
>
> The valuation data is a prerequisite for loading the stocks with the Material inventory balance [page 1325] migration object. If you don't use the external amount during the initial loading of stock, the system calculates the values of the stock posting with the price data provided in the product master.

Out of Scope

You aren't allowed to enrich existing organizational levels with new data. No updates of existing fields or records are possible.

1. Product long text (you can use the Product - extend existing record with long text [page 1426] migration object to migrate product-related long texts)
2. Data transfer for unplanned consumption
3. Data transfer for total consumption of product
4. Change already existing data

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Additional Descriptions
- Alternative Units of Measure
- Additional GTINs
- Distribution Chains
- Tax Classification
- Plant Data
- Forecasting Data
- Storage Locations
- Production Resources Tools
- Inspection Setup Data
- MRP Area
- Warehouse Number Data
- Storage Type Data
- Valuation Data
- Valuation Current Period
- Valuation Future Price

Prerequisites

The following objects have already been maintained or migrated:

- Product [page 1432]

Mapping Instructions

Unit of Measure

The unit of measure needs to be mapped to a valid ISO code. For details see SAP Knowledge Base Article 2907822.

Run ID

On the *Basic Data* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. The *Run ID* field is an additional key field to which you can import the same product more than once.

For example, in the first step, import product "A" with a new plant view or sales area. In a second step, import the same product "A" with another plant view or sales area.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates of the same SAP S/4HANA target instance in the same migration run with different run IDs are not allowed. The duplicate instances are skipped during processing with an error message.

Basic Data

In the *Basic Data* sheet, we offer only fields that might become relevant when you migrate a new organizational unit. This can happen, for example, when you migrate a new plant including data relevant to purchasing (such as the purchasing group). In this case, it might also become necessary to fill in the *Order Unit* field in the *Basic Data* sheet.

> **i Note**
>
> If a field already has a value in the related product master, you cannot add a value in the corresponding field in the *Basic Data* sheet. You are not allowed to change existing values in the product master. Instead, you can use the *Manage Mass Maintenance - Products* app. For more information, refer to the online documentation for the *Manage Mass Maintenance – Products* app.

New Storage Location to an Existing Plant

If you want to migrate a new storage location to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for an existing plant. If you enter other values in the *Plant Data* sheet, an error message is displayed.

New Forecasting Parameter to an Existing Plant

If you want to migrate a new forecasting parameter to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You are not allowed to change existing values for an existing plant. If you enter other values in the *Plant Data* sheet, an error message is displayed.

New Production Resources Tools Data to an Existing Plant

If you want to migrate production resources tools data to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for an existing plant. If you enter other values on the *Plant Data* sheet, an error message is displayed.

New Inspection Setup Data to an Existing Plant

If you want to migrate inspection setup data to an existing plant, please provide only the key fields in the *Plant Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for an existing plant. If you enter other values in the *Plant Data* sheet, an error message is displayed.

New Storage Type Data to Existing Warehouse Number Data

If you want to migrate storage type data to existing warehouse number data, please provide only the key fields in the *Warehouse Number Data* sheet and leave all the other fields blank. You aren't allowed to change existing values for existing warehouse data. If you enter other values in the *Warehouse Number Data* sheet, an error message is displayed.

Inspection Setup Data

During migration, you use the control parameter to choose whether the inspection setup data should be taken from the source file or staging table, or if it should be taken from the default which is defined in the system.

Time Format

Enter the values for the *Target Days' Supply*, *Reorder Days' Supply*, *Goods Receipt Processing Time*, and *Goods Issue Processing Time* fields on the *Plant Data* and *MRP Area* sheets in the "HHMMSS" (hours, minutes, seconds) format.

> **Example**
>
> For 3 workdays, enter `720000` (HHMMSS – hours, minutes, seconds).
>
> For 3.5 workdays, enter `840000` (HHMMSS – hours, minutes, seconds).
>
> For 150 workdays, enter `36000000` (HHHHMMSS – hours, minutes, seconds).
>
> For 9999 workdays, enter `2399760000` (HHHHHHMMSS – hours, minutes, seconds; this is the maximum field length for hours).

Recommendation on how to Handle Cross-Plant Product Status and Plant-Specific Product Status

If you set the product status, the status settings may mean that posting follow-on migration objects leads to an error.

For example, in the SAP standard delivery, product status 01 is configured in such a way that an error message is triggered while posting the inventory. Consider that when you assign this status, the use of the product can be restricted. Depending on the status, the system issues either a warning message or an error message for follow-on postings. We recommend that you carefully consider whether you want to use this field so that you do

not run into follow-on problems during the data migration process. You can easily set the content of these fields after the initial data migration using the *Manage Mass Maintenance – Products* app.

The *Master Data Specialist for Product Data* business role (`SAP_BR_PRODMASTER_SPECIALIST`) provides you with several tiles for managing and starting the *Manage Mass Maintenance – Products* app. You can open the app from SAP Fiori launchpad. You can import a file with changed data (supported formats are Comma-Separated Values (CSV) and Microsoft Office Open XML spreadsheet (XLSX). You have to provide the following details:

- Master data objects that are updated
- Tables and fields to be updated and their respective values

For more information, refer to the online documentation for the *Manage Mass Maintenance – Products* app.

Single Batch Valuation

Single batch valuation enables you to valuate product stocks for each batch in a different way. You can use single batch valuation if you want to keep the price and value of each individual batch in inventory management on a value basis.

To work with valuation for a single batch, you must choose the *X - for Automat. Batch* valuation category. Enter this in the *Valuation Data* sheet in the *Valuation Category* field.

> **i Note**
>
> The product itself needs to be managed in batches. In this case, you have to provide the *Batch management requirement* indicator in the *Basic Data* sheet.

If you use the single batch valuation for your product, you have to enter the valuation records as follows:

You have to define a valuation header record with the specified **X**valuation category, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with the respective price information.

> **Example**
>
> - *Valuation Data* sheet:

Product Number	Valuation Area	Valuation Type	Valuation Category	Cur-rency...	Price Control	...	Inventory Price Moving Average	Inventory Price Standard Price	...
B001	1010		X (Auto-mat. Batch)	EUR	V		21.00		
B001	1010	C1	X (Auto-mat. Batch)	EUR	S			20.00	
B001	1010	C2	X (Auto-mat. Batch)	EUR	S			21.00	

> **Note**
>
> For the valuation header record, only the *V - moving average price* price control is possible. For the dependent records for each valuation type, you can choose between *moving average price* or *standard price*.
>
> For the valuation header record, you can't enter *Material Ledger* prices in the *Valuation Current Period* or *Valuation Future Price* sheets. This is only possible for the dependent type records with the valuation type specified.
>
> For example, you'd fill out the *Valuation Current Period* sheet as follows:

Product No.	Valuation Area	Valuation Type	Valuation Category	Currency Type	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	Price unit
B001	1010	C1	X (Automat. Batch)	30 (Group Currency)	S	USD		20.10	1
B001	1010	C2	X (Automat. Batch)	30 (Group Currency)	S	USD		22.00	1

Split Valuation

To work with split valuation, you need to choose a valuation category, such as *H - Origin*. Enter this in the *Valuation Data* sheet in the *Valuation Category* field.

If you use the split valuation for your product, you have to enter the valuation records as follows:

You have to define a valuation header record with the specified **H**valuation category, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with the respective price information.

> **Example**
>
> - *Valuation Data* sheet:

Product Number	Valuation Area	Valuation Type	Valuation Category	Cur-rency...	Price Control	...	Inventory Price Moving Average	Inventory Price Standard Price	...
S001	1010		H (Origin)	EUR	V		21.00		
S001	1010	LAND1	H (Origin)	EUR	S			20.00	
S001	1010	LAND2	H (Origin)	EUR	S			21.00	

> **Note**
>
> For the valuation header record, only the *V - moving average price* price control is possible. For the dependent records for each valuation type, you can choose between *moving average price* or *standard price*.

For the valuation header record, you can't enter *Material Ledger* prices in the *Valuation Current Period* or *Valuation Future Price* sheets. This is only possible for the dependent type records with the valuation type specified.

For example, you'd fill out the *Valuation Current Period* sheet as follows:

Product No.	Valuation Area	Valuation Type	Valuation Category	Currency Type	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	Price unit
S001	1010	LAND1	H (Origin)	30 (Group Currency)	S	USD		20.10	1
S001	1010	LAND2	H (Origin)	30 (Group Currency)	S	USD		22.00	1

Mapping Structure Hierarchy

Level	Name		
1	Basic Data (mandatory)		
2		Additional Descriptions	
2		Alternative Units of Measure	
2		Additional GTINs	
2		Distribution Chains	
2		Tax Classification	
2		Plant Data	
3			Forecasting Data
3			Storage Locations
3			Production Resources Tools
3			Inspection Setup Data
2		MRP Area	
2		Warehouse Number Data	
3			Storage Type Data
2		Valuation Data	
3			Valuation Current Period
3			Valuation Future Price

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.

2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

You can use the Product - extend existing record with long text [page 1426] migration object to migrate product-related long texts.

You can use the Material - Forecast planning [page 1361] migration object to migrate product consumptions and forecast values (only supported for SAP S/4HANA).

How to Validate your Data in the System

App:	*Manage Mass Maintenance – Products* (App ID `F2505`)
Transaction MM03	*Display product*
Transaction MM50	*Product List*

Further Information

- SAP Note 2726010 – Migration Cockpit: Support of custom fields (in-app extensibility)

Available Migration Objects [page 2] in SAP S/4HANA.

1.404 *Product - extend existing record with long text*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Product Master (LO-MD)
Business Object Type	Master data

Business Object Definition	You can create different long texts for a product. The key for long texts is based on the text object, text name, text ID, and language key. The text object and text name are provided by the migration object. The text ID defines the various types of texts relating to a text object. The following table defines which combinations are permitted for product long texts.
Migration Approach	File/Staging Table

Text Object	Text ID
MATERIAL	BEST (Purchasing text)
MATERIAL	GRUN (Basic text)
MATERIAL	IVER (Internal note)
MATERIAL	PRUE (Inspection text)
MDTXT	LTXT (MRP text)
MVKE	0001 (Sales text)

In Scope

Migration to SAP S/4HANA is supported.

- Product texts:
  Purchasing text, basic text, internal note, inspection text
- MRP texts:
  You can transfer MRP texts only in the language that is assigned to the plant.
- Sales texts

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Product Text
- MRP Text
- Sales Text

Prerequisites

The following objects have already been maintained or migrated:

- Product [page 1432]

Mapping Instructions

Run ID

On the *Product* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. You cannot import the same source record more than once in the same project. The *Run ID* field is an additional key field to which you can import the same product more than once.

For example, in the first import product "A" with a new product long text or sales long text, and in the second step the same product "A" with another product long text or sales long text.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i** Note
>
> To avoid inconsistencies, multiple updates of the same SAP S/4HANA target instance within the same migration run are not allowed. The duplicate instances are skipped during processing.
>
> Nevertheless, all subitems of the target instance are created at the same time, when processing a target instance for the very first time. After successful migration, rerun the migration for each skipped instance. All subitems are processed in ascending order.

Language Information

For MRP text (with text ID "LTXT"), the used language key will automatically be derived by the related plant configuration. For all other text IDs, the long texts will be migrated with the language key that is provided via the migration template.

Mapping Structure Hierarchy

Level	Name	
1	Product (mandatory)	
2		Product text
2		MRP text
2		Sales text

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction MM03	*Display Material*

Available Migration Objects [page 2] in SAP S/4HANA.

1.405 *Service product*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Product Master (LO-MD)
Business Object Type	Master data
Business Object Definition	The material or product master contains information about all the physical materials that are procured, produced, stored, and sold. It's also used to manage information about services, for example, for buying and selling services in hours.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Initial load of products
2. Basic data
3. Plant data
4. Valuation data
5. Distribution chain data
6. Description data
   In this view, you can maintain additional descriptions (for languages other than those provided in the *Basic data* sheet).
7. Unit of measure data
   In this view, you can enter *Alternative Units of Measure* (provide only the base unit of measure in the *Basic Data* sheet).
8. Tax classification
   In this view, you can maintain the *Tax Data* (from the sales org. data).
   For *Tax Data (Sales)*, provide the country/region, tax category, and tax classification. If you have more than one tax category for a country/region, use the *Tax Category 2/Tax Classification 2* fields. To provide additional tax data, use the *Tax Classification* sheet further on.

Out of Scope

1. Material long text (use the Product - extend existing record with long text [page 1426] migration object)

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic data
- Additional descriptions
- Alternative unit of measure
- Plant data
- Distribution chains
- Tax classification
- Valuation data

Prerequisites

The following objects need to have already been maintained or migrated:

- CO - Profit center [page 1406]

- Supplier [page 1564] (Manufacturer)

Mapping Instructions

- Be aware of the defined length set for the product number in the system. Don't convert a product number to a new number that is longer than the set of defined length.
- During the migration, you can choose between internal and external numbering. The standard setting is the external numbering.
- In the case of external numbering, the system checks whether the provided product is within the number range for the provided product type.
- If the *Product ID* is to be used for integration with external systems, it can be switched on during migration. In this connection, you also have to maintain the *Business System ID* of your source system (to be used for integration) in the *Convert Values* step. This ensures that the key mapping is added to the central key mapping store of the SAP S/4HANA system.

Unit of Measure

The unit of measure needs to be mapped to a valid ISO code. You must always assign a target value for the unit of measure via the value help. The value help shows all available units of measure with a valid ISO code assignment. For details, refer to SAP Knowledge Base Article 2907822.

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Additional Descriptions
2		Alternative Units of Measure
2		Plant Data
2		Distribution Chains
2		Tax Classification
2		Valuation Data

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

> **i Note**
>
> You can fill the migration template with the `ECC MM-SRV` service master records manually. Alternatively, you can populate the template with the `ECC MM-SRV` service master data using a download tool. Refer to SAP Note 2906140 for further details.

Post-Processing

Follow-On Activities

You can use the Product - extend existing record with long text [page 1426] migration object to migrate long texts related to materials.

How to Validate your Data in the System

Transaction MM03	*Display Material*
Transaction MM60	*Material List*

Further Information

SAP S/4HANA Migration Cockpit: Support of Custom Fields

Available Migration Objects [page 2] in SAP S/4HANA.

1.406 *Product*

Available Migration Objects [page 2] in SAP S/4HANA.

> **→ Tip**
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Product Master (LO-MD)
Business Object Type	Master data
Business Object Definition	Logistics Basic Data (LO-MD) The total of all product master records. A company manages the data of all its products in the product master.
Migration Approach	File/Staging Table

> **i Note**
>
> If you are a retail customer, refer to the additional Product for Retail for Merchandise Management [page 1443] migration object documentation.

In Scope

Migration to SAP S/4HANA is supported.

1. Initial load of products
2. Basic data
3. Plant data
4. MRP area
5. Storage location
6. Valuation data

   > **i Note**
   >
   > The valuation data is a prerequisite for loading the stocks with the Material inventory balance [page 1325] migration object. If you don't provide the external amount for loading the stocks, the system calculates the values of the stock posting using the price data provided in the product master.

   In the case of **Single Batch Valuation**, follow the mapping instructions provided.
7. Distribution chain data
8. Description data
   In this view, you can enter additional descriptions (for languages other than those provided in the *Basic Data* sheet).
9. Units of measure data
   In this view, you can enter *Alternative Units of Measure* (provide only the *Base Unit of Measure* in the *Basic Data* sheet).
10. Tax classifications
    In this view, you can maintain the *Tax Data* (from the Sales Org Data 1).

For *Tax Data (Sales)*, provide the country/region, tax category, and tax classification. If you have more than one tax category for a country/region, use the *Tax Category 2/Tax Classification 2* fields. To provide additional tax data, use the *Tax Classification* sheet.

> **i** Note
>
> For the tax indicator of the product (purchasing), in the *Plant Data* sheet for the country/region relating to your plant, enter the value in the *Tax Indicator* field of the *Purchasing* group.

11. Production resources tools
12. Inspection setup data
13. Warehouse number data
14. Storage type data
15. Data transfer for forecast values
16. Data for quality management
17. Additional EANs
18. Change management assignment based on change number and revision level

In Scope for Retail Only

1. Seasons
2. GTINs assigned to supplier
3. Receipt texts
4. Article hierarchy
5. Class data (supported classes are merchandise category classes – class type '026' internal only – and classes with variant class types assigned – for example, class type '300')
6. Characteristic data
7. Value for variants (characteristics for the product variant derived from characteristics of the configurable product)
8. Point of sale data
9. Store replenishment
10. MRP data – store replenishment

Out of Scope

1. Material long text (use the Product - extend existing record with long text [page 1426] migration object)
2. Data transfer for unplanned consumption
3. Data transfer for total consumption of material
4. Enhance already existing data
   For the *Product* migration object, you currently need to use the Product - extend existing rec by new org levels (deprecated) [page 1410] migration object. Note that this migration object doesn't support all of the organizational units that can be migrated using the *Product* migration object. For example, the MRP area structure is supported only by the *Product* migration object but not by the Product - extend existing rec by new org levels (deprecated) [page 1410] migration object. Keep this limitation in mind when using Product -

extend existing rec by new org levels (deprecated) [page 1410] to enhance data migrated with the *Product* migration object.

5. Classification data (therefore, use the Object classification - General template [page 1135] migration object)
6. Inspection types (therefore, use the Material inspection setup (deprecated) [page 1321] migration object)
7. Product consumption (therefore, use Product consumption [page 1408] migration object)
8. Segmentation is not supported

> ⚠ Caution
>
> Data migration doesn't trigger the replication or the communication arrangement of the product master via Data Replication (DRF). Nevertheless, you can replicate your product master after all product master records have been migrated. You can do this with the following apps:
>
> - Use the Replicate by Object Selection app to specify the product numbers to be replicated and to execute the replication.
> - Use the Replicate by Replication Model app if many product numbers need to be replicated with the respective filter criteria.
>
> For details about the apps, check the related SAP S/4HANA Cloud product assistance on SAP Help Portal:
>
> - Replicate by Object Selection
> - Replicate by Replication Model
>
> Also see the SAP Knowledge Base Article 2858316.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic data
- Additional descriptions
- Alternative unit of measure
- Additional GTINs
- Distribution chains
- Tax classification
- Plant data
- Forecasting data
- Storage locations
- Production resources tools
- Inspection setup data
- MRP area
- Warehouse number data
- Storage type data
- Valuation data
- Valuation current period

> **Note**
>
> If parallel accounting is active, prices in all currencies are updated in all ledgers.
>
> If you need different prices in different ledgers, you can make price changes manually in the system, or use the upload function for multiple prices.

- Valuation future prices

> **Note**
>
> If parallel accounting is active, prices in all currencies are updated in all ledgers.
>
> If you need different prices in different ledgers, you can make price changes manually in the system, or use the upload function for multiple prices.

- Internal number range
- Automatic maintenance status determination

Prerequisites

The following objects have already been maintained or migrated:

- CO - Profit center [page 1406]
- Supplier [page 1564] (Manufacturer)

Mapping Instructions

- Be aware of the defined length set for the product number in the system. Don't convert a product number to a new number that is longer than the defined length.
- During migration, you can choose between internal or external numbering. The standard setting is external numbering.
- In the case of external numbering, the system checks whether the provided product is within the number range for the provided product type.
- If the *Product ID* is to be used for integration with external systems, it can be switched on during migration. In this connection, you have to also maintain the *Business System ID* of your source system (to be used for integration) in the *Convert Values* step. This ensures that the key mapping is added to the central key mapping store of the SAP S/4HANA system.

Unit of Measure

The unit of measure needs to be mapped to a valid ISO code. For details, see SAP Knowledge Base Article 2907822.

Inspection Setup Data

During migration, you can use the control parameter to choose whether the inspection setup data is taken from the source file/staging table or from the default that is defined in the system.

Indicator Product is Configurable

Consider the following, if you're dealing with the *KMAT - Configurable Materials* type, the system always sets this indicator. In this case, the *Item* category is also set by default if you don't provide this on the migration template. For KMAT materials, the procurement type is always set to *E - In-house production*.

If you want to set the indicator product as configurable for products with other product types assigned (not KMAT), you have to enter this indicator in the *Basic Data* sheet in the *Product is configurable* field.

Batch Management Requirement Indicator

Starting with SAP S/4HANA Cloud release 1802, you can specify whether batch management at plant level is **active** by default. You can maintain this setting via the SSCUI. Open the *Manage Your Solution* app and choose *Configure Your Solution*. The *Specify Batch Management Default by Plant* setting allows you to activate or deactivate batch management by default for specific plants.

During the migration process, the logic is as follows:

If your product is managed in batches, set the *Batch management requirement* indicator in the *Basic Data* sheet of the migration template. If you make an entry in this field, the system sets the *Batch management requirement* indicator automatically for all plants defined in the *Plant Data* sheet for this product. This applies to all plants that aren't flagged with the *Batch management not active by default* indicator in the SSCUI.

Unit of Weight

If you want to migrate sales data for your product, the *Unit of Weight* field will be set to the default automatically if it's assigned to the related *Product Group*. If no default unit of weight is assigned to the *Product Group*, you have to fill out the *Unit of Weight* field on the *Basic Data* sheet.

Time Format

Enter the values for the *Target Days' Supply*, *Reorder Days' Supply*, *Goods Receipt Processing Time*, and *Goods Issue Processing Time* fields on the *Plant Data* and *MRP Area* sheets in the "HHMMSS" (hours, minutes, seconds) format.

> **Example**
>
> For 3 workdays, enter `720000` (HHMMSS – hours, minutes, seconds).
>
> For 3.5 workdays, enter `840000` (HHMMSS – hours, minutes, seconds).
>
> For 150 workdays, enter `36000000` (HHHHMMSS – hours, minutes, seconds).
>
> For 9999 workdays, enter `2399760000` (HHHHHHMMSS – hours, minutes, seconds; this is the maximum field length for hours).

Recommendation on how to Handle Cross-Plant Product Status and Plant-Specific Product Status

If you set the product status during the initial load of products, take into consideration that depending on which status you want to assign, you can't post follow-on migration objects. The posting may lead to an error depending on the status settings.

Example: In the standard SAP delivery, the product status **01** is configured in such a way that you'll receive an error message during the posting of inventory. When you assign this status, the use of the product can be restricted. Depending on the status, the system issues either a warning message or an error message for follow-on postings. This is why we recommend that you are careful about using this field so that you don't run

into any follow-on problems during the data migration process. After the initial data migration, you can choose the content of these fields by using the *Manage Mass Maintenance – Products* app.

The *Master Data Specialist for Product Data* business role (`SAP_BR_PRODMASTER_SPECIALIST`) provides you with several tiles for managing and starting the *Manage Mass Maintenance – Products* app. You can launch the app from SAP Fiori launchpad. You can import a file with changed data (supported formats are Comma-Separated Values (CSV) and Office Open XML spreadsheet (XLSX). You have to provide the following details:

- Master data objects that need to be updated
- Tables and fields that need to be updated and their respective values

> **i Note**
>
> For further information, refer to the online documentation for the *Manage Mass Maintenance – Products* app.

Valuation Data

During migration, you have various ways to migrate your valuation data. If you provide only your data in the *Valuation Data* sheet, the system creates the accounting data (prices and values) for the company code currency. For other deviant currencies (for example, group currency), the system converts the currency using the current exchange rate defined in the system. If this is not the original price for your deviant currency, you can specify the material ledger price in the *Valuation Current Period* and *Valuation Future Price* sheets. The system then takes over this price and doesn't automatically convert the currencies using the exchange rate defined in the system for the specified currency type.

> **Example**
>
> You provide the prices for company currency only in the *Valuation Data* sheet. Depending on the current exchange rate defined in the system, the system automatically determines the prices for all deviant currencies:

Product Number	Valuation Area	Valuation Type	Valuation Category	...	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	...
A001	1010				S	EUR		10.00	
A002	1010				V	EUR	20.00		

Example

You provide the prices for company currency on the *Valuation Data* sheet and the prices for the deviant currencies (for example, a group currency with the currency type 30) in the *Valuation Current Period* sheet and the *Valuation Future Price* sheet:

- *Valuation Data* sheet:

Product Number	Valuation Area	Valuation Type	Valuation Category	...	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	...
A001	1010				S	EUR		10.00	
A002	1010				V	EUR	20.00		

- *Valuation Current Period* sheet:

Product Number	Valuation Area	...	Currency Type	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	...
A001	1010		30	S	USD		15.00	
A002	1010		30	V	USD	30.00		

- *Valuation Future Price* sheet:

Product Number	Valuation Area	...	Currency Type	Currency	Future Price	Future Price From	...
A001	1010		30	USD	16.01	01.04.2020	
A002	1010		30	USD	31.02	01.04.2020	

Single Batch Valuation

Single Batch Valuation enables you to valuate product stocks for each batch in a different way. You can use single batch valuation if you want to maintain the price and value of each individual batch in inventory management on a value basis.

To work with valuation for a single batch, you need to choose the *X - for Automat. Batch* valuation category. Enter this in the *Valuation Data* sheet in the *Valuation Category* field.

Note

The product itself needs to be managed in *Batch management requirement* indicator in the *Basic Data* sheet.

If you use the single batch valuation for your product, you have to enter the valuation records as follows:

You have to define a valuation header record with the specified **X** valuation category, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with the respective price information.

Example

- *Valuation Data* sheet:

Product Number	Valuation Area	Valuation Type	Valuation Category	Cur-rency...	Price Control	...	Inventory Price Moving Average	Inventory Price Standard Price	...
B001	1010		X (Auto-mat. Batch)	EUR	V		21.00		
B001	1010	C1	X (Auto-mat. Batch)	EUR	S			20.00	
B001	1010	C2	X (Auto-mat. Batch)	EUR	S			21.00	

Note

For the valuation header record, only the *V - moving average price* price control is possible. For the dependent records for each valuation type, you can choose between *moving average price* or *standard price*.

For the valuation header record, you cannot provide *Material Ledger* prices in the *Valuation Current Period* or *Valuation Future Price* sheets. This is only possible for the dependent type records with the valuation type specified.

For example, you fill out the *Valuation Current Period* sheet as follows:

Product No.	Valuation Area	Valuation Type	Valuation Category	Currency Type	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	Price unit
B001	1010	C1	X (Auto-mat. Batch)	30 (Group Currency)	S	USD		20.10	1
B001	1010	C2	X (Auto-mat. Batch)	30 (Group Currency)	S	USD		22.00	1

Split Valuation

To work with split valuation, you need to choose a valuation category, such as *H - Origin*. Enter this in the *Valuation Data* sheet in the *Valuation Category* field.

If you use the split valuation for your product, you have to enter the valuation records as follows: You have to define a valuation header record with specified valuation category **H**, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with the respective price information.

Example

Valuation Data sheet:

Product Number	Valuation Area	Valuation Type	Valuation Category	Cur-rency...	Price Control	...	Inventory Price Moving Average	Inventory Price Standard Price	...
S001	1010		H (Origin)	EUR	V		21.00		
S001	1010	LAND1	H (Origin)	EUR	S			20.00	
S001	1010	LAND2	H (Origin)	EUR	S			21.00	

Note

For the valuation header record, only the *V - moving average price* price control is possible. For the dependent records for each valuation type, you can choose between *moving average price* or *standard price*.

For the valuation header record, you can't enter *Material Ledger* prices in the *Valuation Current Period* or *Valuation Future Price* sheets. This is possible only for the dependent type records with the valuation type specified.

For example, you fill in the *Valuation Current Period* sheet as follows:

Product No.	Valuation Area	Valuation Type	Valuation Category	Currency Type	Price Control	Currency	Inventory Price Moving Average	Inventory Price Standard Price	Price unit
S001	1010	LAND1	H (Origin)	30 (Group Currency)	S	USD		20.10	1
S001	1010	LAND2	H (Origin)	30 (Group Currency)	S	USD		22.00	1

How to Deal with Reference Products

If, during migration, you want to assign a reference product (such as a follow-up product) to a newly migrated product, you have to ensure that you migrate the reference product first. Otherwise, you get a message saying that the reference product doesn't exist and can't be migrated. Ensure that you migrate these products in the right sequence. Another option is leaving the reference products empty during migration and assigning them afterwards using the *Manage Mass Maintenance – Products* app.

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Additional Descriptions
2		Alternative Units of Measure

Level	Name		
2		Additional GTINs	
2		Distribution Chains	
2		Tax Classification	
2		Plant Data	
3			Forecasting Data
3			Storage Locations
3			Production Resources Tools
3			Inspection Setup Data
2		MRP Area	
2		Warehouse Number Data	
3			Storage Type Data
2		Valuation Data	
3			Valuation Current Period
3			Valuation Future Price

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

You can use the Product - extend existing record with long text [page 1426] migration object to migrate long texts related to materials.

You can use the Material - Forecast planning [page 1361] migration object to migrate material consumption and forecast values (only supported for SAP S/4HANA).

You can use the Product classification - Commodity code [page 1359] migration object to migrate the product classification with a commodity code.

How to Validate Your Data in the System

Transaction `MM03`	*Display Material*

Transaction MM60	*Material List*

Further Information

- SAP Note 2726010 - Migration Cockpit: Support of custom fields (in-app extensibility)
- If you are a retail customer, refer to the additional Product for Retail for Merchandise Management [page 1443] migration object documentation.

Available Migration Objects [page 2] in SAP S/4HANA.

1.406.1 *Product* for Retail for Merchandise Management

This section covers retail-specific migration object details, in addition to standard Product [page 1432] migration object. For more information onthe standard migration object documentation, see Product [page 1432].

Purpose

Business Object Component/Area	Article (LO-RFM-MD-ART)
Business Object Type	Master data
Business Object Definition	Article Master Data
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Retail-specific content on basic data such as product category, listing parameter, and reference values
2. Season information
3. GTINs assigned to supplier
4. Receipt texts
5. Article hierarchy
6. Classification Data: supported classes are merchandise group classes (class type '026' internal only) and classes with variant class types assigned (for example, class type '300'). Supported characteristic values are character value / numeric value /date / time and currency value (only a single value is allowed)
7. Variants

> **i Note**
>
> You must migrate the generic article first.

> All variants belonging to the same generic article must be submitted at once and must not contain any duplicate characteristic value combination.

8. Retail-specific content on distribution chain such as listing parameters
9. Point-of-sales (POS) Data
10. Store replenishment and MRP data
11. Reference handling
12. Retail-specific content on plant data such as distribution profile, source of supply
13. Retail-specific content on valuation data such as valuation margin

Out of Scope

1. Components for structured articles (Sales Set / Prepack / Display /Group Product) need to be migrated afterwards with the Material BOM [page 1100] migration object
2. Segmentation for seasons in product
3. Handover of season data on variant level

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Season information
- Supplier GTIN
- POS data
- Receipt texts
- Article hierarchy
- Retail-specific information in plant data, valuation data
- Classification and variant configuration data
- Creation of generic article, variant and structured articles

Prerequisites

The following objects must have already been maintained or migrated:

- Retail merchandise categories [page 1474] must exist in the system
- Classes [page 1115] and characteristics [page 1107] for variant configuration must exist in the system

Mapping Instructions

- The article categories currently supported are single article, generic article, variants, display, sales set, pre-pack, and material group reference articles.
- The *Plant* field on the *Plant Data* represents the site. This can be the category distribution center, store.
- For generic articles, the *Product is Configurable* indicator is defaulted automatically, it must be provided on the *Basic Data* sheet.
- Consider the right sequence and how to migrate different kinds of article categories. For example, ensure to migrate generic articles before the variants.

> **i Note**
>
> You can't migrate generic articles and respective variants in one step.

- During migration, the system automatically creates the classification data according to the assigned product group (merchandise category), which, in this case, is the class of class type 026. If you have defined informative characteristics in the master data of the merchandise category, and also want to migrate characteristics values for the informative characteristics, you can provide these values for each characteristic.

> **Example**
>
> You provide the product group or merchandise category for your article on the *Basic Data* sheet. In this case, the group provided is MC01. The product group/merchandise group is defined with two informative characteristics: CHAR_01 from data type character and NUM_01 from data type NUM. You want to migrate the value 'blue' for characteristic CHAR_01 and the value '32' for the characteristic NUM_01 as informative characteristics.
>
> Basic Data
>
Product Number	Product Type	Product Category	Configuration Product for Retail Variant	Product Group
SNG_ART_01	HAWA	00 (single article)		**MC01**
>
> Class Data
>
Product Number	Class	Class Type
SNG_ART_01	**MC01**	**026**
>
> Characteristic Data
>
Product Number	Class	Class Type	Characteristic Name	Item	Character Value	Numeric Value	...
SNG_ART_01	MC01	026	CHAR_01	1	blue		
SNG_ART_01	MC01	026	NUM_01	2		32	

- How to provide classification data for classes of type variant (for example, class type 300).

Example

You want to migrate a generic article 'GEN_ART_02'. You provide the *Product is Configurable* indicator on the *Basic Data* sheet. The variant class is 'CONF_CLASS' with class type '300'. For this class, there are 2 characteristics assigned: 'COLORS' from data type character with allowed values blue/red/green/white and 'SIZES' from data type numeric with allowed values 32/34/36/38 :

Basic data

Product Number	Product Type	Product Category	...	Product is Configurable
GEN_ART_02	HAWA	01		X

Class Data

Product Number	Class	Class Type
GEN_ART_02	CONF_CLASS	300

Characteristic Data

Product Number	Class	Class Type	Characteristic Name	Item	Character Value	Numeric Value	...
GEN_ART_02	CONF_CLASS	300	COLORS	1	001 (blue)		
GEN_ART_02	CONF_CLASS	300	COLORS	2	002 (red)		
GEN_ART_02	CONF_CLASS	300	COLORS	3	003 (green)		
GEN_ART_02	CONF_CLASS	300	COLORS	4	004 (white)		
GEN_ART_02	CONF_CLASS	300	SIZES	1		32	
GEN_ART_02	CONF_CLASS	300	SIZES	2		34	
GEN_ART_02	CONF_CLASS	300	SIZES	3		36	
GEN_ART_02	CONF_CLASS	300	SIZES	4		38	

- For variants, you have to provide the configurable product on the *Basic Data* sheet under *Configuration Product for Retail Variant* and the values for the characteristics on the *Value for Variants* sheet.

Example

You want to migrate variants for generic article 'GEN_ART_02'. You have to provide the configurable product on the *Basic Data* sheet in the *Configuration Product for Retail Variant* field. The classification is done with the class and characteristic data that are assigned to your configurable product. This is in our example with the class CONF_CLASS with the assigned characteristics COLORS and SIZES. You have to provide the values for the variants on the *Value for Variants* sheet.

Basic Data

Product Number	Product Type	Product Category	Configuration Product for Retail Variant	...
GEN_ART_02_01	HAWA	**02**	**GEN_ART_02**	
GEN_ART_02_02	HAWA	**02**	**GEN_ART_02**	
GEN_ART_02_03	HAWA	**02**	**GEN_ART_02**	
GEN_ART_02_04	HAWA	**02**	**GEN_ART_02**	

> **i Note**
>
> The generic article must exist for retail variants in the system

Value for Variants

Product Number	Characteristic Name	Character Value	Numeric Value	...
GEN_ART_02_01	COLORS	001 (blue)		
GEN_ART_02_01	SIZES		32	
GEN_ART_02_02	COLORS	002 (red)		
GEN_ART_02_02	SIZES		34	
GEN_ART_02_03	COLORS	003 (green)		
GEN_ART_02_03	SIZES		36	
GEN_ART_02_04	COLORS	004 (white)		
GEN_ART_02_04	SIZES		38	

> **i Note**
>
> If you validate the data using the *Manage Product Master Data* app, consider the following limitation: the variant matrix used in *Manage Product Master Data* only shows characteristics from data types: CHAR and NUMC. Data types: DATE, TIME and CURR are not supported.

- How to migrate components for empties

> **Example**
>
> you want to migrate an article with product type 'VOLL' - full products with one component from product type 'LGUT' - Empties. You first have to migrate both articles with the Product [page 1432] migration object. For your full product, you have to set the *Has Empties* indicator.

Basic Data

Product Number	...	Product Type	...	Base Unit of Measure	...	Has Empties
FULL_PRODUCT		VOLL (full product)		BO (bottle)		**X**

Product Number	...	Product Type	...	Base Unit of Measure	...	Has Empties
EMPTY_BOTTLE		LGUT (empties)		PCE (piece)		

Alternative Units of Measure

Product Number	Alternative Unit of Measure	Denominator	Numerator
FULL_PRODUCT	CR (crate)	1	12
FULL_PRODUCT	PF (pallet)	1	120

Afterwards you have to migrate the components with the Material BOM [page 1100] migration object. *BOM Usage* is in this case 7 (empties). Please provide on the *BOM Header* sheet the corresponding *Empties Unit of Measure* and on the *BOM Item* sheet the components itself, in this case EMPTY_BOTTLE.

BOM Header

Material Number	BOM Usage	...	Empties Unit of Measure
FULL_PRODUCT	**7** (empties)		**BO (bottle)**

BOM Item

Material Number	...	BOM component	Component Quantity	Component Unit of Measure
FULL_PRODUCT		EMPTY_BOTTLE	1	PCE (piece)

- How to migrate structured articles: You have to process in the same way for structured articles (Sales Set / Prepack / Display /Group Product). Migrate the articles themselves first, and then, in a second step, the components using the Material BOM [page 1100] migration object.
- In article hierarchy, the products can only be added to a hierarchy which have status "activated". In addition, they can only be assigned to the end nodes of the hierarchy.

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Additional Description
2		Seasons
2		Alternative Units of Measure
2		Additional GTINs
2		GTINs Assigned to Supplier
2		Receipt Texts
2		Article Hierarchy
2		Class Data

Level	Name		
3			Characteristic Data
2		Value for Variants	
2		Distribution Chains	
3			Point of Sale Data
2		Tax Classification	
2		Store Replenishment	
2		Plant Data	
3			Forecasting Data
3			Storage Locations
3			Production Resource Data
3			Inspection Setup Data
3			MRP Data - Store Replenishment
2		MRP Area	
2		Warehouse Number Data	
3			Storage Type Data
2		Accounting Data	
3			Valuation Current Period
3			Valuation Future Price

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

App:	• *Manage Product Master Data* • *Display Article*
Business Role	Master Data Specialist - Product Data (Retail)
Transaction MM43	*Display Material*

> **i** Note
>
> In the context of Retail for Merchandise Management, following terms are used synonymously in the business application UIs and the respective documentation.

Retail for Merchandise Management	Other Lines of Business / Industries / Areas
Article	Material or Product
Merchandise Category	Material Group or Product Group
Site (as superordinate term) - Store and Distribution Center (DC)	Plant, Location

1.407 *Production version*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Production Planning and Control (PP)
Business Object Type	Master data
Business Object Definition	Key determining the various production techniques according to which a material is to be manufactured. You specify, for example, the following in the production version: • The BOM alternative for the BOM explosion • The task list type, the task list group, and the group counter for assignment to routings • Lot-size restrictions for repetitive manufacturing
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432] (with ERP data)
- Material BOM [page 1100]
- Routing [page 1487]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	General Data (mandatory)

Task List Group

As the internal group number may be created from the object routing, in this condition, the system will map the related internal number automatically if the external number has been provided in the template. However, make sure the two objects routing and production version need to be used in the same project.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction MM03	*Display Material*
Transaction C223	*Maintain Production Versions*

In MM03, choose *MRP 4 View* > *ProdVersions*.

Further Information

In *Discrete Manufacturing*, it was not necessary to have a production version for *BOM explosion* in the SAP ERP suite. In this case use the `CS_BOM_PORDVER_MIGRATION02` report to create a production version based on existing BOMs and routings in the new system.

Available Migration Objects [page 2] in SAP S/4HANA.

1.408 *JIT - Control cycle*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	JustInTimeControlCycle (LE-JIT-S2P)
Business Object Type	Master Data
Business Object Definition	Control cycle is the master data used to control replenishment of materials. It determines the replenishment method to be used between the supply and demand source, and the quantity required. In the control cycle, you also determine the replenishment strategy you want to use to procure materials, the supply source that is to provide and demand source that requires the material.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Initial load of JIT control cycle
2. Internal number is supported only.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Control cycle
- Scheduling agreement

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- JIT - Communication group [page 1380]
- MM - Purchase scheduling agreement [page 1493]

Mapping Instructions

Lifecycle status of control cycle

Status *1 - In preparation* can't be migrated. It is automatically transferred to *2 - Ready for release*.

External Replenishment

If indicator *External replenishment* is set, then *Scheduling Agreement* needs to be assigned.

Internal number

To find the created internal number of when the final Migration step was completed, switch to the *Mapping Tasks*,and open *Mapping of Control Cycle*.This is where you can find he created internal number .

Mapping Structure Hierarchy

Level	Name	
1	Control Cycle(mandatory)	
2		Scheduling Agreement

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage JIT Control Cycles*
Business Role:	*Production Planner - Lean Manufacturing* (SAP_BR_PRODN_PLNR_LEAN_MFG)

Available Migration Objects [page 2] in SAP S/4HANA.

1.409 *PS - Network*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PS
Business Object Type	Transactional data
Business Object Definition	A network can represent the sequence of activities in a project or the sequence of a single activity within a project. It is used as a basis for planning, analyzing, controlling and monitoring schedules, dates, and resources.(such as personnel, machines, PRTs, materials, documents, and drawings).
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Scheduling
- Assignments
- Control
- Text

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Profit center [page 1406]
- PS - WBS element [page 1573]

- SD - Sales order (only open SO) - deprecated [page 1491]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Network data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction CN23	*Display Network*

Available Migration Objects [page 2] in SAP S/4HANA.

1.410 *PS - Project*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PS

Business Object Type	Transactional data
Business Object Definition	Project definition is the general description of the project that you want to manage. It is a framework laid down for all the objects created within a project. It contains organizational data that is binding for the entire project.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Control
- Text

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Profit center [page 1406]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Project Definition (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction CJ08	*Display Project Definition*

Available Migration Objects [page 2] in SAP S/4HANA.

1.411 *MM - Purchasing info record- extend existing record*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Purchasing (MM-PUR)
Business Object Type	Master data
Business Object Definition	A source of information for the procurement of a certain product from a certain supplier.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Extend already existing purchasing info records with new purchasing organization, new purchasing info record category or new plant. The following purchasing info categories are supported:
   - Standard

    - Consignment
    - Subcontracting
    - Pipeline
    - For purchasing info records to product groups - only the standard and subcontracting purchasing info categories are supported.
2. General Data (only legacy number of purchasing info record, product number, product group, and the supplier's account number)
3. Purchasing Organization Data - when you create an info record, you can choose the following options:
    - Purchasing info record which is only related to a purchasing organization. That means the price is the same for all plants.
    - Purchasing info record which is related to a plant. That means the price can be different for each plant.
4. Conditions - the condition type indicates, for example, whether during pricing, the system applies a price, a discount, a surcharge, or other pricing elements, such as freight costs and sales taxes. For each of these pricing elements, there is a condition type defined in the system.
5. Scales
6. Purchasing Organization Text

Out of Scope

1. Change already existing data.
2. Create Info Record is not supported .If an info record with a certain supplier and with a specific product or product group does not exist, it is not possible to create this record. Please use the following object: Purchasing info record with conditions.
3. The Pipeline purchasing info category is not supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- Purchasing Organization Data
- Conditions
- Scales
- Purchasing Organization Text

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]

- MM - Purchasing info record with conditions [page 1465]

Mapping Instructions

Basic Data

- If you want to extend an existing purchasing info record with a product group and vendor, you need the purchasing info record number. If you want to create a new info record number for the same combination, please use the MM - Purchasing info record with conditions [page 1465] object.
- If you use the identical *Legacy Number of purchasing info record* in the objects MM - Purchasing info record with conditions [page 1465] and *MM - Purchasing info record- extend exist rec (deprecated)* in the same project, then the mapping of records takes place automatically. After migration of the purchasing info record with the MM - Purchasing info record with conditions [page 1465] object, the info record number is stored in the migration mapping table. The *MM - Purchasing info record- extend exist rec (deprecated)* object then uses this mapping value.
- If you have provided a different *Legacy Number of purchasing info record* in the *MM - Purchasing info record- extend exist rec (deprecated)* object, you have to select the correct info record number in the *Convert Values* step in the *Mapping of Purchasing info record numbers* mapping rule.
- If you have provided the newly created info record number in the *Legacy Number of purchasing info record* field, you can check and confirm the *Mapping of Purchasing info record numbers* mapping rule in the *Convert Values* step.

Run ID

On the *General Data* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. The *Run ID* field is an additional key field to which you can import the same info record more than once.

For example, in the first import purchasing info record "PIR_001" with a new purchasing organization or purchasing info record category, in a second step the same purchasing info record "PIR_001" with another purchasing organization or purchasing info record category.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates on the same SAP S/4HANA target instance within the same migration run with different run IDs are not allowed. The duplicate instances are skipped during processing.

Mapping Structure Hierarchy

Level	Name	
1	General Data (mandatory)	
2		Purchasing Organization Data

Level	Name		
3		Conditions	
4			Scales
3		Purchasing Organization Text	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Mass Changes to Purchasing Info Records*
Transaction ME13	*Display Purchase Order Info Record*
Transaction ME1L	*Info Records per Supplier*

Further Information

SAP Knowledge Base Article 2776897 – *SAP S/4HANA Migration Cockpit: Collective KBA Migration object "Purchasing info record"/ "Purchasing info record- extend existing record"*

Available Migration Objects [page 2] in SAP S/4HANA.

1.412 *MM - Purchasing info record- extend exist rec (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

> ⚠ Caution
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

Purpose

Business Object Component/Area	Purchasing (MM-PUR)
Business Object Type	Master data
Business Object Definition	A source of information for the procurement of a certain material from a certain supplier.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Extend already existing purchasing info records with new purchasing organization, new purchasing info record category or new plant. The following purchasing info categories are supported:
   - Standard
   - Consignment
   - Subcontracting
   - Pipeline
   - For purchasing info records to material groups - only the standard and subcontracting purchasing info categories are supported.
2. General Data (only legacy number of purchasing info record, material number, material group, and the supplier's account number)
3. Purchasing Organization Data - when you create an info record, you can choose the following options:
   - Purchasing info record which is only related to a purchasing organization. That means the price is the same for all plants.
   - Purchasing info record which is related to a plant. That means the price can be different for each plant.
4. Conditions - the condition type indicates, for example, whether during pricing, the system applies a price, a discount, a surcharge, or other pricing elements, such as freight costs and sales taxes. For each of these pricing elements, there is a condition type defined in the system.
5. Scales
6. Purchasing Organization Text

Out of Scope

1. Change already existing data.
2. Create Info Record is not supported .If an info record with a certain supplier and with a specific material or material group does not exist, it is not possible to create this record. Please use the following object: Purchasing info record with conditions.
3. The Pipeline purchasing info category is not supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- Purchasing Organization Data
- Conditions
- Scales
- Purchasing Organization Text

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]
- MM - Purchasing info record with conditions [page 1465]

Mapping Instructions

Basic Data

- If you want to extend an existing purchasing info record with a material group and vendor, you need the purchasing info record number. If you want to create a new info record number for the same combination, please use the MM - Purchasing info record with conditions [page 1465] object.
- If you use the identical *Legacy Number of purchasing info record* in the objects MM - Purchasing info record with conditions [page 1465] and *MM - Purchasing info record- extend exist rec (deprecated)* in the same project, then the mapping of records takes place automatically. After migration of the purchasing info record with the MM - Purchasing info record with conditions [page 1465] object, the info record number is stored in the migration mapping table. The *MM - Purchasing info record- extend exist rec (deprecated)* object then uses this mapping value.
- If you have provided a different *Legacy Number of purchasing info record* in the *MM - Purchasing info record- extend exist rec (deprecated)* object, you have to select the correct info record number in the *Convert Values* step in the *Mapping of Purchasing info record numbers* mapping rule.
- If you have provided the newly created info record number in the *Legacy Number of purchasing info record* field, you can check and confirm the *Mapping of Purchasing info record numbers* mapping rule in the *Convert Values* step.

Run ID

On the *General Data* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. The *Run ID* field is an additional key field to which you can import the same info record more than once.

For example, in the first import purchasing info record "PIR_001" with a new purchasing organization or purchasing info record category, in a second step the same purchasing info record "PIR_001" with another purchasing organization or purchasing info record category.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates on the same SAP S/4HANA target instance within the same migration run with different run IDs are not allowed. The duplicate instances are skipped during processing.
>
> Nevertheless, all subitems of the target instance are created at once, when processing a target instance for the very first time.

Mapping Structure Hierarchy

Level	Name			
1	General Data (mandatory)			
2		Purchasing Organization Data		
3			Conditions	
4				Scales
3			Purchasing Organization Text	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Mass Changes to Purchasing Info Records*
Transaction ME13	*Display Purchase Order Info Record*
Transaction ME1L	*Info Records per Supplier*

Further Information

SAP Knowledge Base Article 2776897 – *SAP S/4HANA Migration Cockpit: Collective KBA Migration object "Purchasing info record"/ "Purchasing info record- extend existing record"*

Available Migration Objects [page 2] in SAP S/4HANA.

1.413 *MM - Purchasing info record with conditions*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Purchasing (MM-PUR)
Business Object Type	Master data
Business Object Definition	A source of information for the procurement of a certain product from a certain vendor.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. General Data; only to create info record with product specific or product group
   The following Info Categories are supported:
   - Standard
   - Consignment
   - Subcontracting
   - Pipeline
   - For purchasing info records to product groups, only the standard and subcontracting purchasing info categories are supported.
2. General Text
3. Purchasing Organization Data - when you create an info record, you can choose the following options:
   - Purchasing info record which is only related to a purchasing organization. That means the price is the same for all plants.
   - Purchasing info record which is related to a plant. That means the price can be different for each plant.

4. Conditions - the condition type indicates, for example, whether during pricing, the system applies a price, a discount, a surcharge, or other pricing elements, such as freight costs and sales taxes. For each of these pricing elements, there is a condition type defined in the system.
5. Scales
6. Purchasing Organization Text

Out of Scope

1. Update Info Record is not supported. If an info record with a certain vendor and with a specific product exists or with a product group, it is not possible to enhance this record with purchasing organization data.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General Data
- General Text
- Purchasing Organization Data
- Conditions
- Scales
- Purchasing Organization Text

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]

Mapping Instructions

Migration with identical combinations of product group and vendor leads to different purchasing info record numbers. The combination of product number and vendor is always unique. Migration always generates new info record numbers. External numbering is not supported.

Mapping Structure Hierarchy

Level	Name			
1	General Data (mandatory)			
2		General Text		
2		Purchasing Organization Data		
3			Conditions	
4				Scales
3			Purchasing Organization Text	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

App:	*Mass Changes to Purchasing Info Records*
Transaction ME13	*Display Purchase Order Info Record*
Transaction ME1L	*Info Records per Supplier*

Further Information

- SAP Knowledge Base Article 2776897 – *SAP S/4HANA Migration Cockpit: Collective KBA Migration object "Purchasing info record"/ "Purchasing info record- extend existing record"*

Available Migration Objects [page 2] in SAP S/4HANA.

1.414 *MM - Purchase order (only open PO)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Purchase Order (MM-PUR)
Business Object Type	Transactional data
Business Object Definition	A request or instruction from a purchasing organization to a vendor (external supplier) or a plant to deliver a quantity of material or to perform services at a certain point in time.
Migration Approach	File/Staging Table

> **i** Note
>
> You can only migrate open purchase orders, that is, items which haven't been delivered and invoiced yet.

In Scope

Migration to SAP S/4HANA is supported.

1. Header Data
2. Header Address
3. Header Texts
4. Item Data - the following item categories are supported:
   - Standard
   - Third-Party
   - Enhanced Limits
   - Consignment
   - Subcontracting
5. Item Addresses
6. Item Account Assignments - the following account assignment categories are supported:
   - Cost Center
   - Profit Center
   - Order
   - Asset
   - Sales Order
   - WBS Element

7. Item Schedule Lines
8. Purchase Order Item Components for Subcontracting

> **i Note**
>
> - If your ordered material is not a BOM, provide the relevant entries on the *Schedule Line* sheet and the materials to be provided on the *Components for Subcontracting* sheet.
> - If your ordered material is a BOM, the system automatically generates the subcontracting components. You can also provide the components manually on the *Components for subcontracting* sheet.

> **i Note**

9. Item Texts

Out of Scope

1. Creating configurations (you can only use existing ones)
2. Changing message records (NAST table) and additional message data (this data can only be determined via the message determination facility (Customizing))
3. Attaching documents to the purchase order
4. Other item categories not mentioned above are not supported, for example, Transport Orders
5. Purchase orders for sales orders and non-stock sales [Item 1]
6. Framework orders for limits and services

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Header Data
- Header Address
- Header Texts
- Item Data
- Item Addresses
- Item Account Assignments
- Item Schedule Lines
- Purchase Order Item Components for Subcontracting
- Item Texts

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]
- CO - Cost center [page 1345]
- SD - Sales order (only open SO) - deprecated [page 1491]
- MM - Purchase contract [page 1174]
- PS - WBS element [page 1573]
- Fixed asset (incl. balances and transactions) [page 1285]
- FI - G/L account [page 1302] (expense account used in account assignment category)
- Material BOM [page 1100]
- MM - Purchasing info record with conditions [page 1465] (only relevant for purchase order items with item category *Consignment*)

Mapping Instructions

- During migration, you can choose between internal and external number assignment for the purchasing document. Item numbers will be migrated 1:1 from the data in the migration template.
- Note that during migration there is no defaulting of values from existing purchasing info records. However, purchase order items with item category *Consignment* are an exception.
- *Net Price*: Please specify the price manually on item level. Migration of conditions for example, discounts or surcharges, is not supported.
- The net price is automatically set to 0 if the invoice receipt indicator has not been set.
- If there is a *Third-Party*, please note that when you provide a customer number, the delivery address is taken from the customer master data record. If you do not provide a customer number, you must enter a delivery address.
- The *Legacy Purchasing Document Number* is mapped to the *Our Reference* field. You can find the content of this field using the *Display Purchase Order* app under *Communication*.
- The *Delivery Date* field on *Item Data* sheet is not relevant for materials with the type *Service*. In this case, please fill in the *Start Date for Period of Performance* and *End Date for Period of Performance* fields. Otherwise, the *Delivery Date* is filled with the system date.

Mapping Structure Hierarchy

Level	Name		
1	Header Data (mandatory)		
2		Header Address	
2		Header Texts	
2		Item Data (mandatory)	
3			Item Address

Level	Name		
3		Account Assignment	
3		Schedule Line	
4			Components for Sub-contracting
3		Item Texts	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction ME23N	*Display Purchasing Document*
Transaction ME2L	*Purchasing Document by Vendor*
Transaction ME2K	*Purchasing Document by Account Assignment (General)*
Transaction ME2O	*Subcontracting Stocks per Vendor (Subcontracting Stock Monitor for Vendor)*

Further Information

- SAP Knowledge Base Article 2771859 - *Purchase Order Migration Net price must be greater than 0*

Available Migration Objects [page 2] in SAP S/4HANA.

1.415 *QM/PM - Catalog code group/code*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM and PM)
Business Object Type	Master data
Business Object Definition	Code group: A key for summarizing code and structuring a catalog according to various criteria. The assignment of code to code groups takes place at client level. Catalog type: Main category by which code groups and codes are classified according to their contents. • 0: Action Reasons • 1: Characteristic attributes • 2: Tasks • 5: Causes • 8: Activities (QM) • 9: Defect types • A: Activities (PM) • B: Object Parts • C: Overview of damage • D: Coding • E: Defect Locations Code: A key that uniquely identifies the qualitative contents of a problem in a coded form that can be mechanically processed. Each code is assigned to a code group in the catalog. A code can describe: • a characteristic attribute • a defect type • a usage decision
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Supported catalog types for QM are: 1, 2, 5, 8, 9, D, E
2. Supported catalog types for PM are: 0, 2, 5, A, B, C, D

Out of Scope

1. Classification is not supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- QM/PM Catalog Code Group
- QM/PM Catalog Short Text for Code Group
- QM/PM Catalog Long Text for Code Group
- QM/PM Catalog Code
- QM/PM Catalog Short Text for Code
- QM/PM Catalog Long Text for Code

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	QM/PM catalog code group (mandatory)		
2		QM/PM catalog code group text (mandatory)	
2		QM/PM catalog code group long text	
2		QM/PM catalog code (mandatory)	
3			QM/PM catalog code short text (mandatory)
3			QM/PM catalog code long text

Detailed Mapping Instructions

Text line in Code group and Code long texts: For each Code group and Code, there may be several languages here, but for each language, there is only one text line in the source file.

The object will separate the text line into several lines automatically into the long texts for each language.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction QS41	*Maintain catalog*

Available Migration Objects [page 2] in SAP S/4HANA.

1.416 *RFM - Merchandise category*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Merchandise Categories(LO-RFM-MD-MC)
Business Object Type	Master data
Business Object Definition	A merchandise category is a grouping of goods and services by its characteristics.You can use the merchandise category for efficient reporting at the article-cluster level. For example procurement, inventory management, and master data-related reporting.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

- Merchandise Category
- Merchandise Category Text
- Assignment of Characteristic to Merchandise Category

Out of Scope

- Value only Material Assignment

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Merchandise Category
- Merchandise Category Text
- Assignment of Characteristic to Merchandise Category

Prerequisites

The following objects must have already been maintained or migrated:

- Merchandise category hierarchy node should already be migrated using migration object SIF_RFM_MCHN
- Characteristic should already be migrated using migration object SIF_CHARACT

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Merchandise Category	
2		Text
2		Characteristic Assignment

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

To validate your migrated data, you can use the following tables.

T023 - Merchandise Category

T023T - Merchandise Category Text

KLAH - Class Header Data

SWOR - Classification System: Keywords

KSML - Characteristics of a Class

Transaction WG24	*Display Merchandise Category*

> **i Note**
>
> In the context of Retail for Merchandise Management, the following terms are used synonymously in the business application UIs and the respective documentation.

Retail for Merchandise Management	Other Lines of Business / Industries / Areas
Article	Material or Product
Merchandise Category	Material Group or Product Group
Site (as superordinate term) - Store and Distribution Center (DC)	Plant, Location

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.417 *RFM - Merchandise category characteristic value restriction*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Merchandise Categories (LO-RFM-MD-MC)
Business Object Type	Master data
Business Object Definition	A merchandise category is a grouping of goods and services by its characteristics. You can use the merchandise category for efficient reporting at the article-cluster level. For example procurement, inventory management, and master data-related reporting.
Migration Approach	File/Staging Table

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Merchandise Category Characteristic Value Restriction

Prerequisites

The following objects must have already been maintained or migrated:

- Merchandise category hierarchy node should already be migrated using migration object SIF_RFM_MCHN
- Merchandise category should already be migrated using migration object SIF_RFM_MC
- Characteristic should already be migrated using migration object SIF_CHARACT

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Merchandise Category Characteristics Value Restriction

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2)Information published on SAP site scope item on SAP Best Practices Explorer.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

To validate your migrated data, you can use the following tables in the transaction SE16N.

- AUSP - Characteristic Values

WG24	*Display Merchandise Category*

Further Information

Available Migration Objects in SAP S/4HANA.

Available Migration Objects [page 2] in SAP S/4HANA.

1.418 *RFM - Merchandise category hierarchy node*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Merchandise Categories (LO-RFM-MD-MC)
Business Object Type	Master Data
Business Object Definition	A merchandise hierarchy node is a grouping of articles at various levels. For example, you can define sales price strategies that is valid throughout the company.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

- Merchandise Category Hierarchy Node
- Text
- Characteristic Assignment

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Merchandise Category Hierarchy Node
- Characteristic Assignment
- Text

Prerequisites

The following objects need to have already been maintained or migrated:

- The characteristics should already be migrated using the migration object SIF_CHARACT

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Merchandise Category Hierarchy Node (mandatory)	
2		Text
2		Characteristic
2		

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

To validate your migrated data, you can use the following tables in the transaction SE16N.

- KLAH - Class Header Data
- SWOR - Classification System: Keywords
- KSML - Characteristics of a Class

Transaction CLWO	*Display Hierarchy Level*

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.419 *RFM - Merchandise category hierarchy node assignment*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Merchandise Categories(LO-RFM-MD-MC)
Business Object Type	Master data
Business Object Definition	A merchandise category hierarchy node assignment is performed to link the individual merchandise category hierarchy nodes to one another, thereby creating the hierarchy.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

- Assignment of Merchandise Category Hierarchy nodes

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Assignment of Merchandise Category Hierarchy nodes

Prerequisites

The following objects must have already been maintained or migrated:

- Merchandise category hierarchy node should already be migrated using migration object SIF_RFM_MCHN

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1		Hierarchy Node Assignments

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

To validate your migrated data, you can use the following tables.

- KSSK - Allocation Table: Object to Class

Transaction CLW2	*Display Assignment - Merchand. Cat. Hier.*

> **i Note**
>
> In the context of Retail for Merchandise Management, the following terms are used synonymously in the business application UIs and the respective documentation.

Retail for Merchandise Management	Other Lines of Business / Industries / Areas
Article	Material or Product
Merchandise Category	Material Group or Product Group
Site (as superordinate term) - Store and Distribution Center (DC)	Plant, Location

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.420 *RFM - MCHN Characteristic value restriction*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Merchandise Categories (LO-RFM-MD-MC)
Business Object Type	Master data
Business Object Definition	Merchandise category hierarchy node characteristic value restriction can be used to restrict the inherited characteristics from a parent node to a child node of the merchandise category hierarchy.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

MCHN Characteristic Value Restriction

Supported Features

The following structures/features are supported in SAP S/4HANA:

- MCHN Characteristic Value Restriction

Prerequisites

The following objects must have already been maintained or migrated:

- Merchandise category hierarchy node has already been migrated using migration object SIF_RFM_MCHN
- Characteristic has already been migrated using migration object SIF_CHARACT

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	MCHN Characteristics Value Restriction

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

To validate your migrated data, you can use the following tables in the transaction SE16N.

- AUSP - Characteristic Values

Transaction CLW1	*Assign Hierarchy Level - Merchand. Cat. Hier.*

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.421 *RFM - Merchandise category reference article*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Merchandise Categories(LO-RFM-MD-MC)
Business Object Type	Master data
Business Object Definition	A merchandise category is a grouping of goods and services by its characteristics. You can use the merchandise category for efficient reporting at the article-cluster level. For example procurement, inventory management, and master data-related reporting.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

- Assign Merchandise Category with Reference Article

Out of Scope

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Assign Merchandise category to Reference Article

Prerequisites

The following objects must have already been maintained or migrated:

- Merchandise category should already be migrated using migration object SIF_RFM_MC
- Product should already be migrated using migration object SIF_PRODUCT

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
	MC Reference Article

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

How to Validate your Data in the System

To validate your migrated data, you can use the following tables in the transaction SE16N.

T023 - Merchandise Category

WG24	*Display Merchandise Category*

Further Information

Available Migration Objects [page 2] in SAP S/4HANA.

1.422 *Routing*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Production Planning and Control (PP)
Business Object Type	Master data
Business Object Definition	Production Planning - Routing A description of the production process used to manufacture plant materials or provide services in the manufacturing industry.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Only task list of type *N* (Routing) is supported with this object.

> → Tip
>
> - For task list of type *Q* (Inspection Plan), use the QM - Inspection plan [page 1319] migration object.
> - For task list of type *A* (General Maintenance task list), use the PM - General maintenance task list [page 1298] migration object.
> - For task list of type *E* (Equipment Task List), use the PM - Equipment task list [page 1276] migration object.
> - For task list of type *T* (Task List for Functional Location), use the PM - Functional location task list [page 1291] migration object.

The following types of production resources and tools are supported:

- Material
- Document
- Miscellaneous
- Equipment

Out of Scope

Task list types other than those mentioned above aren't supported by the data migration content.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Task List Header Data
- Material Task List Assignment
- Sequences
- Operations
- Sub-Operations
- Component Assignment
- Production Resources/Tools
- Inspection Characteristics

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Material BOM [page 1100]
- Work center/Resource [page 1575]

- Supplier [page 1564]
- MM - Purchasing info record with conditions [page 1465]
- MM - Purchase scheduling agreement [page 1493]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

- For routing migration, for example, the validity period of costing view in work center must be within the routing validity period, otherwise this will lead to an issue with the cost simulation run.
- For routing as an example, if the valid-from date on operational level starts earlier than the validity start date of costing view in work center, this will lead to an issue with missing activity types in routing and no cost being calculated in the cost simulation run.

Mapping Instructions

- Internal/External number range assignment for *Group*.
  - The *Group* and *Group Counter* must be provided in the source file to distinguish different routings. For the scenario of one *Group* with several *Group Counters*, they must be grouped logically in the source file.
  - For external number range assignment, you must provide the number in accordance with the definition required by the target system.
  - With the *Routing, internal or external numbering* control parameter in the *Converted Values* step of the guided activity, you have to decide if it's internal or external during each data load.

    > **i Note**
    >
    > The system doesn't support combining internal and external number ranges in one source file.

    > **i Note**
    >
    > For an internal number range, set the *Routing, internal or external numbering* control parameter to *internal number range* before executing the *Prepare* step.
- The *Valid-From Date* will be the current date if no value is provided in the source file.
- The *Valid-From Date* for *BOM* must be earlier than the *Valid-From Date* of the *Routing*. Otherwise, the BOM can't be expanded and it will return an error.
- The *Numerator* will be set to *1* if no value is provided in the source file.
- The *Denominator* will be set to *1* if no value is provided in the source file.
- The *BOM Usage* and *BOM Application* are only mandatory for component allocation.

- The *BOM Usage* controls the selection of the relevant BOM in the component assignment.
- The *BOM Application*, in connection with the *BOM Usage*, controls the selection of the correct alternative BOMs.

- *BOM Item Category*, *BOM Component*, and *BOM Component Description* are just provided in the template to help you allocate the component; this data may be copied from the *BOM Data Migration* file or from the target system.
- The *Indicator for Relevancy to Costing on Operation Level* field is mandatory; with the following options:
  - If you want the *Costing Relevancy* to be copied from the *Control Key* on the target system, enter the value **D**.
  - If you want the operation to be irrelevant to costing, enter the value **N**.
  - If you want to enter a value for this field, then the field should be populated with either **X**, or another option, as required.

Long Text

If you create a long text in the dialog, then the current logon language will be taken as the long text language.

Any subsequent change of the long text refers to the same long text independent of the logon language.

Component Allocation

The BOM components will be assigned to the first operation by default when creating production order if you have not manually assigned to any operation in the routing. This is the standard functionality.

Mapping Structure Hierarchy

Level	Name		
1	Routing group (mandatory)		
2		Task list header (mandatory)	
2		Material task list assignment (mandatory)	
2		Task list sequences	
2		Operations (mandatory)	
3			Production resources/tools
3			Sub-operations
3			Component assignment
3			Inspection characteristics

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-On Activities

It's mandatory to migrate all routing in the *QQ* system. Then, verify the results and check for inconsistencies before starting the data migration into the productive system.

After data migration into the productive system, It's mandatory to run the cost simulation and validation steps in that system as well.

How to Validate your Data in the System

Transaction CA03	*Display Routing*

Available Migration Objects [page 2] in SAP S/4HANA.

1.423 *SD - Sales order (only open SO) - deprecated*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sales and Distribution (SD)
Business Object Type	Transactional data
Business Object Definition	Sales Order (SD): A customer request to the company for delivery of goods or services at a certain time. The request is received by a sales area that is then responsible for fulfilling the contract.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Sales order header data
2. Sales order item data
3. Sales order partners data
4. Sales order schedule line data
5. Sales order texts on header and item level

6. Sales order conditions on header and item level

Out of Scope

1. Sales orders with configurable items
2. Credit card data
3. Return sales orders

Supported Features

The following structures/features are supported in SAP S/4HANA:

All structures/features are supported.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Customer [page 1200]
- Condition records/Sales Pricing

Mapping Instructions

- You have to provide the *Sold-to Party* and *Ship-to Party* on the *Header* level in the *Partner* sheet using **0000** in the *Sales Document Item* field.
- The total number of ordered items is calculated based on the items in the schedule line data.
- During migration, you can choose between internal and external number assignment for the sales document number . Please note that item numbers (Sales Document Item) will be migrated with external numbering (the source ID in the template will be used). Please make sure to take this into account in case of re-numbering of the items during the processing of the data (e.g. BOM explosion).

Mapping Structure Hierarchy

Level	Name	
1	Header (mandatory)	
2		Header Conditions (optional)
2		Header Texts (optional)

Level	Name		
2		Item (mandatory)	
3			Item Conditions (optional)
3			Item Texts (optional)
2		Partner (mandatory)	
2		Schedule Line Data (mandatory)	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction VA03	*Display Sales Orders*

Further Information

SAP Knowledge Base Article 2818627 – *Migration Cockpit: Collective KBA for migration object Sales orders (only open SO)*

Available Migration Objects [page 2] in SAP S/4HANA.

1.424 *MM - Purchase scheduling agreement*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Purchasing (MM-PUR)
Business Object Type	Transactional data
Business Object Definition	An outline agreement whereby materials are procured at a series of predefined points in time over a certain period.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Scheduling agreement header
2. Scheduling agreement items

Out of Scope

1. Scheduling agreements with document conditions (only time-dependent conditions are supported)
2. Creation of delivery schedule

Supported Features

The following structures/features are supported in SAP S/4HANA:

All structures/features are supported.

Prerequisites

The following objects have already been maintained or migrated:

- Supplier [page 1564]
- Product [page 1432]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	SAG Header Data (mandatory)	
2		SAG Item Data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction ME38	*Maintain Sched. Agreement Schedule*

Available Migration Objects [page 2] in SAP S/4HANA.

1.425 *Condition record for pricing in sales (restricted)*

Available Migration Objects [page 2] in SAP S/4HANA.

> **! Restriction**
>
> This migration object only supports the condition types and key combinations mentioned in the Supported Combinations of Key Fields for Price Conditions file. For other condition types and key combinations, please use the Condition record for pricing (general template) [page 1167] migration object.

> **! Restriction**
>
> This migration object may only be used for migration in the context of SAP Best Practices.

Purpose

Business Object Component/Area	Condition record for pricing in sales During pricing, the system automatically transfers pricing data from the price conditions, for example, in Sales and Distribution. Prices, surcharges, and discounts are determined in sales and billing documents.
Business Object Type	Master data
Business Object Definition	The term pricing is used broadly to describe the calculation of prices (for external use by customers or vendors). Conditions represent a set of circumstances that apply when a price is calculated.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

The following price conditions are supported (including scales, if applicable):

1. Prices
2. Discounts
3. Surcharges

Out of Scope

1. Purchasing conditions (see migration object Condition record for pricing in purchasing (restricted) [page 1374])
2. It is not possible to migrate additional information like "Lower limit" or "Upper Limit".

Supported Features

The following structures/features are supported in SAP S/4HANA:

- This migration object only supports the condition types and key combinations mentioned in the Supported Combinations of Key Fields for Price Conditions file.
- For other key combinations, you must use the Condition record for pricing (general template) [page 1167] migration object.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Customer [page 1200]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Sales condition records (mandatory)	
2		Scales

For more information on how to fill the condition types and key combinations, please refer to the Supported Combinations of Key Fields for Price Conditions file.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction VK13	*Display Condition*

Examples

Example of a Quantity-Based Scale:

Scale quantity	Scale unit of measure	Scale rate	Scale currency
1,000	EA	100,00000	EUR

Scale quantity	Scale unit of measure	Scale rate	Scale currency
100,000	EA	90,00000	EUR

Example of a Scale-Based on Gross Weight:

Scale quantity	Scale unit of measure	Scale rate	Scale currency
1,000	KG	100,00000	EUR
100,000	KG	90,00000	EUR

Example of a Value Scale:

Scale value	Scale currency	Scale percentage
100,000000	EUR	5,000000
1000,000000	EUR	10,000000

Further Information

- This migration object only supports the condition types and key combinations mentioned in the Supported Combinations of Key Fields for Price Conditions file. For other condition types and key combinations, please use the Condition record for pricing (general template) [page 1167] migration object.

Available Migration Objects [page 2] in SAP S/4HANA.

1.426 *SD - Sales contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sales and Distribution (SD)
Business Object Type	Transactional data
Business Object Definition	An outline sales agreement that contains special conditions negotiated between the vendor and a customer, for example, price, target value. or target quantity. A sales contract is valid for a specified period. A customer submits a sales order to release products from the amount agreed in the contract. Types of sales contract include value contracts and quantity contracts.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Sales contract header
2. Sales contract item
3. Sales contract partner

Out of Scope

1. Sales contract with configurable products
2. SD scheduling agreements aren't supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

The supported types of sales contract are value contracts and quantity contracts.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Customer [page 1200]
- Condition record for pricing (general template) [page 1167]

Mapping Instructions

During migration, you can choose between internal and external number assignment for the sales contract number. Please note that item numbers (Contract Document Item Number) will be migrated with external numbering (the source ID in the template will be used). Please make sure to take this into account in case of re-numbering of the items during the processing of the data (e.g. BOM explosion).

Mapping Structure Hierarchy

Level	Name		
1	Header Data (mandatory)		
2		Additional Header Partners	
2		Item (mandatory)	
3			Item Partners

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction VA43	*Display Contract*

Available Migration Objects [page 2] in SAP S/4HANA.

1.427 *SD - Sales scheduling agreement*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sales and Distribution (SD)
Business Object Type	Transactional data
Business Object Definition	A customer scheduling agreement is an outline agreement with the customer containing delivery quantities and dates.

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Sales scheduling agreement header
2. Sales scheduling agreement item
3. Sales scheduling agreement partner on header and item level

Out of Scope

1. Sales scheduling agreement with configurable products
2. Pricing conditions and sales document business data
3. Customer extension fields.
4. External numbering for the scheduling agreement

Supported Features

The following structures/features are supported in SAP S/4HANA:

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Customer [page 1200]
- Condition record for pricing (general template) [page 1167]

Mapping Instructions

During migration, the document will be created with internal number assignment for the scheduling agreement document number. Please note that item numbers (SAG Document Item Number) will be migrated with external numbering (the source ID in the template will be used). Please make sure to take this into account in case of re-numbering of the items during the processing of the data (e.g. BOM explosion).

Mapping Structure Hierarchy

Level	Name		
1	SD Sched. Agreement Header (mandatory)		
2		Additional Header Partners	
2		Item (mandatory)	
3			Item Partners

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction VA33	*Display Scheduling Agreement*

Available Migration Objects [page 2] in SAP S/4HANA.

1.428 *QM - Selected set*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM)
Business Object Type	Master data

Business Object Definition	Selected Set/Select Set Code Quality Management (QM) A range of specific entries (code groups and codes) of a catalog. A selected set enables you to choose only those code groups and codes of a catalog that are required, or allowed, for a specific purpose.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Inspection Catalog Selected Set
- Long Txt Lines for Insp. Method/Master Insp. Char

Prerequisites

The following objects must have already been maintained or migrated:

- QM/PM - Catalog code group/code [page 1471]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	QM selected set master data (mandatory)

Detailed Mapping Instructions

Text line in Selected set long texts: For each Selected set, there may be several languages here, but for each language, there is only one text line in the source file. The object will separate the text line into several lines automatically into the long texts for each language.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction QS51	*Edit Selected Sets*
Transaction QS52	*Display selected set index*

Available Migration Objects [page 2] in SAP S/4HANA.

1.429 *QM - Selected set code*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Quality Management (QM)
Business Object Type	Master data
Business Object Definition	Selected Set/ Selected Set Code Quality Management (QM): A range of specific entries (code groups and code) of a catalog. A selected set enables the user to choose only those code groups and code of a catalog that are required or allowed for a specific purpose.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Inspection Catalog Code for Selected Set

Prerequisites

The following objects must have already been maintained or migrated:

- QM/PM - Catalog code group/code [page 1471]
- QM - Selected set [page 1502]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	QM selected set code master data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction QS51	*Edit Selected Sets*
Transaction QS52	*Display selected set index*

Available Migration Objects [page 2] in SAP S/4HANA.

1.430 *FI - SEPA mandate*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	FI-AR, Financial Contract Accounting (FI-CAC)
Business Object Type	Master data
Business Object Definition	SEPA Mandate In conjunction with the Single Euro Payment Area (SEPA), processing and managing SEPA direct debits and SEPA bank transfers are supported. There are two different types of SEPA direct debits: • SEPA Core Direct Debit • SEPA Business to Business Direct Debit Both kinds of SEPA direct debits are supported. For additional information about SEPA direct debits, visit the European Payments Council site.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

Applications for which mandates are relevant:

- A – CRM with ERP Contract Accounts A/R and A/P
- B – Bank Customer Accounts - Receiver Bank
- C – Bank Customer Accounts Sender Bank
- H – Payroll
- K – CRM with ERP Accounts Receivable
- P – Payment Request (Internal)

Supported Features

The following structures/features are supported in SAP S/4HANA:

- SEPA Mandate

Prerequisites

The following objects must have already been maintained or migrated:

- Bank [page 1088]
- Customer [page 1200]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	SEPA Mandate (mandatory)

Template Structure

The template structure lists the minimum mandatory fields for creating a SEPA mandate in status 0 (entered).

For mandate status 1 (active), the following additional fields are mandatory:

- Location of Signature (SIGN_CITY)
- Date of Signature (SIGN_DATE)
- Creditor Identification Number (REC_CRDID)
- SEPA Mandate: Sender Type (SND_TYPE)
- SEPA Mandate: Sender ID (SND_ID)
- IBAN (International Bank Account Number) (SND_IBAN)
- SWIFT/BIC for International Payments (SND_BIC)

Please refer to the tool tips field of the template file for further information.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

To validate your migrated data, use the `SEPA_MANDATE` table in the `SE16N` transaction. To get results, enter the value in the `MNDID` (*Unique Reference to Mandate for each payee*) field.

Transaction `FSEPA_M1`	*Create SEPA Mandate*
Transaction `FSEPA_M2`	*Change SEPA Mandate*
Transaction `FSEPA_M3`	*Display SEPA Mandate*

Available Migration Objects [page 2] in SAP S/4HANA.

1.431 *SD - Sales order (only open SO)*

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Sales and Distribution (SD)
Business Object Type	Transactional data
Business Object Definition	Sales Order (SD): A customer request to the company for delivery of goods or services at a certain time. The request is received by a sales area that is then responsible for fulfilling the contract.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Sales order header data
2. Sales order item data
3. Sales order partners data
4. Sales order schedule line data
5. Sales order texts on header and item level
6. Sales order conditions on header and item level

Out of Scope

1. Sales orders with configurable items
2. Credit card data
3. Return sales orders

Supported Features

The following structures/features are supported in SAP S/4HANA:

All structures/features are supported.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1432]
- Customer [page 1200]
- Condition record for pricing (general template) [page 1167]/Condition record for pricing in sales (restricted) [page 1495]

Mapping Instructions

- You have to provide the *Sold-to Party* and *Ship-to Party* on the *Header* level in the *Partner* sheet using **0000** in the *Sales Document Item* field.
- The total number of ordered items is calculated based on the items in the schedule line data.
- During migration, you can choose between internal and external number assignment for the sales document number . Please note that item numbers (Sales Document Item) will be migrated with external

numbering (the source ID in the template will be used). Please make sure to take this into account in case of re-numbering of the items during the processing of the data (e.g. BOM explosion).

Mapping Structure Hierarchy

Level	Name		
1	Header (mandatory)		
2		Header Conditions (optional)	
2		Header Texts (optional)	
2		Item (mandatory)	
3			Item Conditions (optional)
3			Item Texts (optional)
2		Partner (mandatory)	
2		Schedule Line Data (mandatory)	

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction VA03	*Display Sales Orders*

Further Information

SAP Knowledge Base Article 2818627 – *Migration Cockpit: Collective KBA for migration object Sales orders (only open SO)*

Available Migration Objects [page 2] in SAP S/4HANA.

1.432 *MM - Source list*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Source List (MM-PUR)
Business Object Type	Transactional data
Business Object Definition	A list of available sources of supply for a material, indicating the periods during which procurement from such sources is possible. The source list lets you determine the source that is valid (effective) at a certain time.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Stock transfer without a supplier account number.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Purchasing Source List

Prerequisites

The following objects must already have been maintained or migrated:

- Product [page 1432]
- Supplier [page 1564]
- Agreements
  There are two types of outline purchase agreement:
  - MM - Purchase contract [page 1174]
  - MM - Purchase scheduling agreement [page 1493]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period starting before this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore must check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Purchasing Source List (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction ME03	*Display Source List*

Available Migration Objects [page 2] in SAP S/4HANA.

1.433 *Service order (only open SRVO)*

Available Migration Objects [page 2] in SAP S/4HANA.

→ Tip

This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.

Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	CRM-SRV-SVO
Business Object Type	Transactional data
Business Object Definition	A customer request to the company for delivery of goods or services at a certain time. The request is received by a service area responsible for fulfilling the service order or service contract.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Service order header data
2. Service order item data
3. Service order partner data
4. Service order texts at the header and item level
5. Service order conditions at the item level
6. Service order reference objects at the header and item level
7. Service order parties involved at the header and item level

Out of Scope

1. Service orders with configurable items
2. Credit card and payment method data
3. Return service orders

Supported Features

The following structures/features are supported in SAP S/4HANA:

All structures and features are supported.

Prerequisites

The following objects must have already been maintained or migrated:

- Employee master (via SAP SuccessFactors)
- Product [page 1432]
- Customer [page 1200]
- Condition record for pricing (general template) [page 1167]
- PM - Functional location [page 1295]
- PM - Equipment [page 1278]

Mapping Instructions

- Only one *Employee Responsible* can be maintained for the service order.
- Only open service orders that are *Open* or *In Process* can be migrated.
- During migration, you can choose between internal and external number assignment for the service document number.
- Header/Item Parties Involved sheet to be used, only in case you want to supply **BuPa External Address Number** for the Partner. Otherwise, supply the Partners in the Header or Item structures.

- During migration, you must either use Header/Item partner fields or use the Header/Item Parties Involved structure (Only if, External Address is required).
- Multiple Partners for same Partner Function won't be allowed.
- When you want to migrate the BuPa External Address for the Partners using the Header/ Item Parties Involved sheets, the Partner Function column can have the partner function description.
- Later, while migrating the data in the system, you can add the partner function ID from the Search Help in the step, Mapping Tasks.
- While migrating the data to **Cloud**, you need to populate the Partner fields for the Header/ Item Parties Involved sheet and keep the following points in consideration:
    - Mandatory Partner functions: "Sold-To Party"
    - Recommended Partner functions: "Employee Responsible"/ "Person Responsible"
    - Based on the Sold-To Party we'll automatically determine the "Ship-To Party", "Bill-To Party" and "Payer".
    - If you want different partner functions, then it must be provided explicitly.
    -

Partner	Partner Function	Allowed At
Sold-To Party	00000001	Header & Item
Ship-To Party/ ServiceRecipient	00000055	Header & Item
Bill-To Party	00000003	Header & Item
Contact Person	00000015	Header
Payer	00000004	Header & Item
Person Responsible	00000013	Header & Item
Employee Responsible	00000014	Header & Item
Exec. Service Employee	00000052	Item
Service Employee Group	00000056	Header & Item

- While migrating the data to **OP**, the below mentioned points to be considered:
    - You can check it into the Partner Determination Procedure in the Customizing using the SPRO transaction > Service > Basic Functions > Partner Processing > Define Partner Determination Procedure.
    - You can identify the Partner Determination Procedure set up in the system and work accordingly with the mandatory and non-mandatory Partner functions.

Mapping Structure Hierarchy

Level	Name		
1	Header (mandatory)		
2		Item Mandatory	
3			Item Parties Involved (optional)
3			Item Pricing Elements (optional)
3			Item Texts (optional)
3			Item Reference Objects (optional)
2		Header Parties Involved (optional)	

Level	Name	
2		Header Texts (optional)
2		Header Reference Objects (optional)
2		Person Responsible (relevant for on-premise only)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	• *Search Service Orders* • *CRM Web UI*
Business Role:	• *Customer Service Manager* (`SAP_BR_CUSTOMER_SRVC_MGR`) • *Service Professional* (`S4C_SRV_PRO`)

Available Migration Objects [page 2] in SAP S/4HANA.

1.434 *PSS - Substance*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Sustainability Foundation (EHS-SUS-FND)

Business Object Type	Master data
Business Object Definition	A substance as a chemical element or a chemical compound with parts that can only be separated from each other by chemical reaction, that is used in a company
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Substance groups
2. Attachments

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Company Specific Names
- Conditions

Prerequisites

Listed substance must exist (*Manage Listed Substance* app) and responsible unit must be configured (Customizing).

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	General data (mandatory)

Level	Name	
2		Company specific names
2		Conditions

Preparation of Migration Details for Company Substance

Process the migration in two options:

1. Migrate a substance linked to an existing listed substance using the following data from the migration template:
   - Internal Number
   - Internal Name
   - Listed Substance
   - Responsible Unit
2. .
   Migrate a substance linked to an new listed substance using the following data from the migration template:
   - Internal Number
   - Internal Name
   - Listed Substance Name
   - CAS Number
   - EC Number
   - Molecular Formula
   - Responsible Unit

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Available Migration Objects [page 2] in SAP S/4HANA.

1.435 *Software/Hardware constraint*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Product Lifecycle Management (PLM)
Business Object Type	Transactional data
Business Object Definition	Constraints maintained for a software material to define the compatibility relationships between this software material and other materials (such as a bill of materials). A software/hardware constraint includes a constraint rule, materials that have a compatibility relationship with the subject software material, and versions of the software material.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Software Material

Prerequisites

Business objects that must already be entered or migrated in the system:

- Product [page 1432]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Software material (mandatory)	
2		Constraint (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

App:	*Manage Software Constraints*
Business Role:	*Systems Engineer - Overhead* (`SAP_BR_SYSTEMS_ENGINEER`)

Find more information about SAP Fiori apps in the SAP Fiori apps reference library. This information covers required business roles and includes links to the respective app documentation.

Available Migration Objects [page 2] in SAP S/4HANA.

1.436 *TRM - Commercial paper*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager (FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	Commercial Paper transactions are transactions on which no interest payments are made during the term of the transaction. Instead, two business partners agree on a repayment amount to be repaid to the investor, by the borrower, at the end of the life of the contract.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Structure data
2. Administration data
3. Data migration of contract activities

Out of Scope

1. Conditions are not supported
2. Other flows are not supported
3. Payment details are not supported
4. Cash flows are not supported
5. Data migration of order activities is not supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Structure Data
- Administration Data

Validity Period and Dependencies to Other Objects

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period starting before this object, it will normally cause an error message during the creation or migration of the successor object.

You must therefore check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Structure Data (mandatory)

Level	Name
2	Administration Data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The function for the legacy data transfer are available in the Customizing of the Transaction Manager under General Settings -> Tools -> Legacy Data Transfer:

- **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** (transaction TPM63C)
- **Execute Data Transfer** (transaction TPM63)
- **Reverse Data Transfer** (transaction TPM64)
- **Flag Flows as Posted** (transaction TBB1_LC)
- **Flag Flows as Reversed** (transaction TBB3)

After the import of your financial transactions, the valuation-area-independent information such as quantity information (for example, units, nominal amounts), the purchase value and cost are transferred. Depending on your scenario, you might have to post the transactions to the general ledger. Even if you do not have to post the transactions into the general ledger, you still mark the flows of the financial transactions as posted.

1. **Flag Flows as Posted** (transaction TBB1_LC)
   Use the **Flag Flows as Posted** Customizing activity to do this.
   The flows are indicated as being posted but are not actually posted. A posting log is generated.
   The **Flag Flows as Reversed** Customizing activity (transaction TBB3) is also available, if needed, to set the flows as reversed.
2. **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives**
   The remaining valuation-area-dependent position component values are entered in the **Legacy Data** table using the **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** Customizing activity (transaction TPM63C). Alternatively, use the **SAP S/4HANA Migration Cockpit** app to enter the position values (see the TRM - Position value [page 1542] migration object). If you do not know the financial transaction number (because this number was generated during the migration of your financial transactions to the SAP S/4HANA system), the migration cockpit can derive the financial transaction number if you can fill one of the following fields or field combinations instead:
   - *Internal Reference*
   - *Business Partner ID* and *External Reference*

- *Legal Basis* and *External Trade ID*

> **i** Note
>
> These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction.

The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the *Legacy Data Transfer* table for position component values.

3. Using the **Execute Data Transfer** Customizing activity (transaction TPM63), you enter the positions component values in the **Positions Management** tables. Should errors occur, you can reverse the initial load using the **Reverse Data Transfer** Customizing activity (transaction TPM64).
4. To check the values entered, you can display the positions component values with the **Display Treasury Position Values** apps or with the **Treasury Position Analysis** app.

How to Validate your Data in the System

Transaction `FTR_DISPLAY`	**Transaction Display**

Available Migration Objects [page 2] in SAP S/4HANA.

1.437 *TRM - Deposit at notice (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager (FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	A deposit at notice is an investment or borrowing without defined due dates. The deposit at notice, therefore, not only includes the functions available in the fixed-term deposit area, but also a function for giving notice; in other words, in addition to entering the amounts and conditions, you enter the notice period and the interest payment date and frequency.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Structure data
2. Administration data
3. The object only supports the creation of contract activity

Out of Scope

1. Additional conditions are not supported
2. Other flows are not supported
3. Additional payment details are not supported
4. Additional cash flows are not supported

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Structure Data
- Administration Data

Validity Period and Dependencies to Other Objects

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period starting before this object it will normally cause an error message during the creation or migration of the successor object.

You therefore must check such time dependencies before you create or migrate your objects. This will avoid subsequent error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Structure Data (mandatory)	
2		Administration Data (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The *Treasury Specialist – Back Office* will find the apps for legacy data transfer on the launchpad under *General Settings -> Tools -> Legacy Data Transfer*:

- *Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives* (transaction TPM63C)
- *Execute Data Transfer* (transaction TPM63)
- *Reverse Data Transfer* (transaction TPM64)
- *Flag Flows as Posted* (transaction TBB1_LC)
- *Flag Flows as Reversed*(transaction TBB3)

After the import of your financial transactions, the valuation-area-independent information such as quantity information (for example, units, nominal amounts), the purchase value and cost are transferred. Depending on your scenario, you might have to post the transactions to the general ledger. Even if you do not have to post the transactions into the general ledger, you still mark the flows of the financial transactions as posted.

1. *Flag Flows as Posted* (transaction TBB1_LC)
   Use the *Flag Flows as Posted* Customizing activity to do this.
   The flows are indicated as being posted but are not actually posted. A posting log is generated.
   The *Flag Flows as Reversed* Customizing activity (transaction TBB3) is also available, if needed, to set the flows as reversed.
2. *Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives*
   The remaining valuation-area-dependent position component values are entered in the *Legacy Data* table using the *Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives* Customizing activity (transaction TPM63C). Alternatively, use the *SAP S/4HANA Migration Cockpit* app to enter the position values (see the TRM - Position value [page 1542] migration object). If you do not know the financial transaction number (because this number was generated during the migration of your financial transactions to the SAP S/4HANA system), the migration cockpit can derive the financial transaction number if you can fill one of the following fields or field combinations instead:
   - *Internal Reference*
   - *Business Partner ID* and *External Reference*
   - *Legal Basis* and *External Trade ID*

   Note
   These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction.
   The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the *Legacy Data Transfer* table for position component values.

3. Using the *Execute Data Transfer* Customizing activity (transaction TPM63), you enter the positions component values in the *Positions Management* tables.
   Should errors occur, you can reverse the initial load using the *Reverse Data Transfer* Customizing activity (transaction TPM64).
4. To check the values entered, you can display the positions component values with the *Display Treasury Position Values* apps or with the *Treasury Position Analysis* app.

How to Validate your Data in the System

Transaction `FTR_DISPLAY`	*Transaction Display*

Available Migration Objects [page 2] in SAP S/4HANA.

1.438 *TRM - FX option*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager (FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	The FX option is an option on a spot exchange transaction and is used as protection from currency fluctuations. The purchaser of a standard FX option, also known as an OTC (over the counter) option, has the right to buy a fixed amount of currency on the exercise date at a previously agreed rate. The option purchaser pays a premium for this right. The amount of the premium paid varies depending on supply and demand in the foreign exchange market. FX options are asymmetrical hedging instruments - this means that rights and obligations are unevenly distributed between the buyers and sellers. Unlike listed instruments, these options are traded directly between business partners with user-defined structure characteristics. The main difference with forward exchange transactions is that the buyer of an option has the right, but not the obligation, to buy or sell a certain currency amount.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Structure data
2. Administration data
3. Migration of contract activities
4. Only the creation of financial transactions is considered. Data transfer for ongoing transactions is not supported.

Out of Scope

1. External numbering for transaction number is not supported.
2. Migration of order activities

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Structure Data
- Administration Data

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Structure data (mandatory)	
2		Administration data

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The function for the legacy data transfer is available in the Customizing of the Transaction Manager under General Settings -> Tools -> Legacy Data Transfer:

- **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** (transaction TPM63C)
- **Execute Data Transfer** (transaction TPM63)
- **Reverse Data Transfer** (transaction TPM64)
- **Flag Flows as Posted** (transaction TBB1_LC)
- **Flag Flows as Reversed** (transaction TBB3)

After the import of your financial transactions, the valuation-area-independent information such as quantity information (for example, units, nominal amounts), the purchase value, and cost are transferred. Depending on your scenario, you might have to post the transactions to the general ledger. Even if you don't have to post the transactions into the general ledger, you still mark the flows of the financial transactions as posted.

1. **Flag Flows as Posted** (transaction TBB1_LC)
   Use the **Flag Flows as Posted** Customizing activity to do this.
   The flows are indicated as being posted but are not posted. A posting log is generated.
   The **Flag Flows as Reversed** Customizing activity (transaction TBB3) is also available, if needed, to set the flows as reversed.
2. **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives**
   The remaining valuation-area-dependent position component values are entered in the **Legacy Data** table using the **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** Customizing activity (transaction TPM63C). Alternatively, use the **SAP S/4HANA Migration Cockpit** app to enter the position values (see the TRM - Position value [page 1542] migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to the SAP S/4HANA system), the migration cockpit can derive the financial transaction number if you can fill one of the following fields or field combinations instead:
   - **Internal Reference**
   - **Business Partner ID and External Reference**
   - **Legal Basis and External Trade ID**

   > **i** Note
   >
   > These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction.

   The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the **Legacy Data Transfer** table for position component values.
3. Using the **Execute Data Transfer** Customizing activity (transaction TPM63), you enter the positions component values in the **Positions Management** tables. Should errors occur, you can reverse the initial load using the **Reverse Data Transfer** Customizing activity (transaction TPM64).
4. To check the values entered, you can display the positions component values with the **Display Treasury Position Values** apps or with the **Treasury Position Analysis app**.

How to Validate your Data in the System

Transaction `FTR_DISPLAY`	*Transaction Display*

Available Migration Objects [page 2] in SAP S/4HANA.

1.439 *TRM - Foreign exchange collar - contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager (FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	Foreign exchange collar contract
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Structure data
2. Migration of contract activities
3. Only the creation of financial transactions is considered. Data transfer for ongoing transactions isn't supported.

Out of Scope

1. Additional other flows
2. Additional payment details
3. Memos
4. Status
5. Analysis parameters
6. Default risk limit
7. Migration of order/fixing activities

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Structure

Prerequisites

The following data must already have been maintained or migrated:

- Business partner with the *Counter-Party* role

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Structure (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The function for the legacy data transfer is available in the Customizing of the Transaction Manager under *General Settings -> Tools -> Legacy Data Transfer*:

- **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** (transaction TPM63C)
- **Execute Data Transfer** (transaction TPM63)
- **Reverse Data Transfer** (transaction TPM64)
- **Flag Flows as Posted** (transaction TBB1_LC)
- **Flag Flows as Reversed** (transaction TBB3)

After the import of your financial transactions, the valuation-area-independent information such as quantity information (for example, units, nominal amounts), the purchase value and cost are transferred. Depending on

your scenario, you might have to post the transactions to the general ledger. Even if you don't have to post the transactions into the general ledger, you still mark the flows of the financial transactions as posted.

1. **Flag Flows as Posted** (transaction TBB1_LC)
   Use the **Flag Flows as Posted** Customizing activity to do this.
   The flows are indicated as being posted but are not posted. A posting log is generated.
   The **Flag Flows as Reversed** Customizing activity (transaction TBB3) is also available, if needed, to set the flows as reversed.
2. **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives**
   The remaining valuation-area-dependent position component values are entered in the **Legacy Data** table using the **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** Customizing activity (transaction TPM63C). Alternatively, use the **SAP S/4HANA Migration Cockpit** app to enter the position values (see the TRM - Position value [page 1542] migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to SAP S/4HANA system), the migration cockpit can derive the financial transaction number if you can fill one of the following fields or field combinations instead:
   - **Internal Reference**
   - **Business Partner ID** and **External Reference**
   - **Legal Basis** and **External Trade ID**

   Note
   These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction. The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the **Legacy Data Transfer** table for position component values.
3. Using the **Execute Data Transfer** Customizing activity (transaction TPM63), you enter the positions component values in the **Positions Management** tables.
   Should errors occur, you can reverse the initial load using the **Reverse Data Transfer** Customizing activity (transaction TPM64).
4. To check the values entered, you can display the positions component values with the **Display Treasury Position Values** apps or with the **Treasury Position Analysis** app.

How to Validate your Data in the System

Transcation `FTR_DISPLAY`	*Transaction Display*

Available Migration Objects [page 2] in SAP S/4HANA.

1.440 *TRM - Foreign exchange swap - contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager(FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	Foreign exchange swap contract
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Structure data
2. Migration of contract activities
3. Only the creation of financial transactions is considered. Data transfer for ongoing transactions is not supported.

Out of Scope

1. Additional other flows
2. Additional payment details
3. Memos
4. Status
5. Analysis parameters
6. Default risk limit
7. Migration of order/fixing activities

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Structure

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Structure (mandatory)

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The function for the legacy data transfer is available in the Customizing of the Transaction Manager under General Settings -> Tools -> Legacy Data Transfer:

- **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** (transaction TPM63C)
- **Execute Data Transfer** (transaction TPM63)
- **Reverse Data Transfer** (transaction TPM64)
- **Flag Flows as Posted** (transaction TBB1_LC)
- **Flag Flows as Reversed** (transaction TBB3)

After the import of your financial transactions, the valuation-area-independent information such as quantity information (for example, units, nominal amounts), the purchase value, and cost are transferred. Depending on your scenario, you might have to post the transactions to the general ledger. Even if you don't have to post the transactions into the general ledger, you still mark the flows of the financial transactions as posted.

1. **Flag Flows as Posted** (transaction TBB1_LC)
   Use the **Flag Flows as Posted** Customizing activity to do this.
   The flows are indicated as being posted but are not posted. A posting log is generated.
   The **Flag Flows as Reversed** Customizing activity (transaction TBB3) is also available, if needed, to set the flows as reversed.
2. **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives**
   The remaining valuation-area-dependent position component values are entered in the **Legacy Data** table using the **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** Customizing activity (transaction TPM63C). Alternatively, use the **SAP S/4HANA Migration Cockpit** app to enter the position values (see the TRM - Position value [page 1542] migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to the SAP S/4HANA system), the migration cockpit can derive the financial transaction number if you can fill one of the following fields or field combinations instead:

- **Internal Reference**
- **Business Partner ID and External Reference**
- **Legal Basis and External Trade ID**

> **i** Note
>
> These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction.

The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the **Legacy Data Transfer** table for position component values.

3. Using the **Execute Data Transfer** Customizing activity (transaction TPM63), you enter the positions component values in the **Positions Management** tables. Should errors occur, you can reverse the initial load using the **Reverse Data Transfer** Customizing activity (transaction TPM64).
4. To check the values entered, you can display the positions component values with the **Display Treasury Position Values** apps or with the **Treasury Position Analysis app**.

How to Validate your Data in the System

Transaction `FTR_DISPLAY`	*Transaction Display*

Available Migration Objects [page 2] in SAP S/4HANA.

1.441 *TRM - Foreign exchange spot/forward transaction - contract*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager (FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	Foreign exchange spot/forward transaction - contract
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Structure data

2. Administration data
3. Other flows data
4. Payment details data
5. Migration of contract activities
6. Only the creation of financial transactions is considered.

Out of Scope

1. Data transfer for ongoing transactions is not supported.
2. Memos
3. Status
4. Analysis parameters
5. Default risk limit
6. External numbering is not supported.
7. Migration of order/fixing activities

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Structure
- Administration
- Other Flows
- Payment Details

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Structure (mandatory)	
2		Administration (mandatory)
2		Other Flows
2		Payment Details

Other Flows

1. There are two options when determining how to migrate other flows via the control parameter. You can control this during the run time.
2. Control Parameter: `CTR_TR_OTHERF_C` (Indicates whether entries in other flows are complete).

- Not Complete (by default): means that other flows are automatically created from standing instructions (configuration level), but you can add additional other flows or change existing other flows.

  > **i Note**
  >
  > In this case, if you leave the *Other Flow* sheet empty, then the system determines the other flow from configuration level.

- Complete: means migrate deals including all other flows.

  > **i Note**
  >
  > In this case, the system only takes the other flows from the excel template into account. These are not related to configuration level.

Payment Details

1. There are two options when determining how to migrate payment details via the control parameter. You can control this during the run time.
2. Control Parameter: `CTR_TR_PAYDET_C` (Indicates whether entries in payment details are complete).
   - Not Complete (by default): means that payment details are automatically created from standing instructions (configuration level), but you can add additional payment details or change existing payment details.

     > **i Note**
     >
     > In this case, if you leave the *Payment Detail* sheet empty, then the system determines the payment detail from configuration level.

   - Complete: means migrate deals including all payment details.

     > **i Note**
     >
     > In this case, the system only takes the payment details from excel template into account, and these are not related to the configuration level.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The function for the legacy data transfer is available in the Customizing of the Transaction Manager under General Settings -> Tools -> Legacy Data Transfer:

- **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** (transaction TPM63C)
- **Execute Data Transfer** (transaction TPM63)
- **Reverse Data Transfer** (transaction TPM64)
- **Flag Flows as Posted** (transaction TBB1_LC)
- **Flag Flows as Reversed** (transaction TBB3)

After the import of your financial transactions, the valuation-area-independent information such as quantity information (for example, units, nominal amounts), the purchase value, and cost are transferred. Depending on your scenario, you might have to post the transactions to the general ledger. Even if you don't have to post the transactions into the general ledger, you still mark the flows of the financial transactions as posted.

1. **Flag Flows as Posted** (transaction TBB1_LC)
   Use the **Flag Flows as Posted** Customizing activity to do this.
   The flows are indicated as being posted but are not posted. A posting log is generated.
   The **Flag Flows as Reversed** Customizing activity (transaction TBB3) is also available, if needed, to set the flows as reversed.
2. **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives**
   The remaining valuation-area-dependent position component values are entered in the **Legacy Data** table using the **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** Customizing activity (transaction TPM63C). Alternatively, use the **SAP S/4HANA Migration Cockpit** app to enter the position values (see the TRM - Position value [page 1542] migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to the SAP S/4HANA system), the migration cockpit can derive the financial transaction number if you can fill one of the following fields or field combinations instead:
   - **Internal Reference**
   - **Business Partner ID and External Reference**
   - **Legal Basis and External Trade ID**

   > **i** Note
   >
   > These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction.

   The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the **Legacy Data Transfer** table for position component values.
3. Using the **Execute Data Transfer** Customizing activity (transaction TPM63), you enter the positions component values in the **Positions Management** tables. Should errors occur, you can reverse the initial load using the **Reverse Data Transfer** Customizing activity (transaction TPM64).
4. To check the values entered, you can display the positions component values with the **Display Treasury Position Values** apps or with the **Treasury Position Analysis app**.

How to Validate your Data in the System

Transaction `FTR_DISPLAY`	*Transaction Display*

Available Migration Objects [page 2] in SAP S/4HANA.

1.442 *TRM - Interest rate instrument*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager (FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	Interest rate instrument
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Structure data
2. Administration data
3. Conditions
4. Main flows
5. Other flows
6. Payment details
7. Only the creation of financial transactions is considered. Data transfer for ongoing transactions is not supported.

Out of Scope

1. Interest rate adjustments
2. Memos
3. Status

4. Analysis parameters
5. Default risk limit
6. External numbering is not supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Structure
- Administration
- Conditions
- Main Flows
- Other Flows
- Payment Details

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Structure (mandatory)	
2		Administration
2		Conditions
2		Main Flows
2		Other Flows
2		Payment Details

Conditions

1. There are two options when determining how to migrate conditions via the control parameter. You can control this during the run time.
2. Control Parameter: `CTR_TR_COND_C` (Indicates whether entries in conditions are complete).
   - Not Complete (by default): means that conditions are automatically created from standing instructions (configuration level), but you can add additional conditions or change existing conditions.

     > **i Note**
     >
     > In this case, if you leave the *Condition* sheet empty, then the system determines the condition from configuration level.

   - Complete: means migrate deals including all conditions.

> **Note**
>
> In this case, the system only takes the conditions from the excel template into account. These are not related to the configuration level.

Main Flows

1. There are two options when determining how to migrate main flows via the control parameter. You can control this during the run time.
2. Control Parameter:`CTR_TR_MAINF_C` (Indicates whether entries in main flows are complete).
   - Not Complete (by default): means that main flows are automatically created from standing instructions (configuration level), but you can add additional main flows or change existing main flows.

     > **Note**
     >
     > In this case, if you leave the *Main Flow* sheet empty, then the system determines the main flow from the configuration level.

   - Complete: means migrate deals including all main flows.

     > **Note**
     >
     > In this case, the system only takes the main flows from the excel template into account. These are not related to configuration level.

Other Flows

1. There are two options when determining how to migrate other flows via the control parameter. You can control this during the run time.
2. Control Parameter: `CTR_TR_OTHERF_C` (Indicates whether entries in other flows are complete).
   - Not Complete (by default): means that other flows are automatically created from standing instructions (configuration level), but you can add additional other flows or change existing other flows.

     > **Note**
     >
     > In this case, if you leave the *Other Flow* sheet empty, then the system determines the other flows from the configuration level.

   - Complete: means migrate deals including all other flows.

     > **Note**
     >
     > In this case, the system only takes the other flows from the excel template into account. These are not related to configuration level.

Payment Details

1. There are two options when determining how to migrate payment details via the control parameter. You can control this during the run time.
2. Control Parameter: `CTR_TR_PAYDET_C` (Indicates whether entries in payment details are complete).

- Not Complete (by default): means that payment details are automatically created from standing instructions (configuration level), but you can add additional payment details or change existing payment details.

  > **i Note**
  >
  > In this case, if you leave the *Payment Detail* sheet empty, then the system determines the payment details from configuration level.

- Complete: means migrate deals including all payment details.

  > **i Note**
  >
  > In this case, the system only takes the payment details from the excel template into account, these are not related to the configuration level.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The function for the legacy data transfer is available in the Customizing of the Transaction Manager under General Settings -> Tools -> Legacy Data Transfer:

- **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** (transaction TPM63C)
- **Execute Data Transfer** (transaction TPM63)
- **Reverse Data Transfer** (transaction TPM64)
- **Flag Flows as Posted** (transaction TBB1_LC)
- **Flag Flows as Reversed** (transaction TBB3)

After the import of your financial transactions, the valuation-area-independent information such as quantity information (for example, units, nominal amounts), the purchase value, and cost are transferred. Depending on your scenario, you might have to post the transactions to the general ledger. Even if you don't have to post the transactions into the general ledger, you still mark the flows of the financial transactions as posted.

1. **Flag Flows as Posted** (transaction TBB1_LC)
   Use the **Flag Flows as Posted** Customizing activity to do this.
   The flows are indicated as being posted but are not posted. A posting log is generated.
   The **Flag Flows as Reversed** Customizing activity (transaction TBB3) is also available, if needed, to set the flows as reversed.

2. **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives**
   The remaining valuation-area-dependent position component values are entered in the **Legacy Data** table using the **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** Customizing activity (transaction TPM63C). Alternatively, use the **SAP S/4HANA Migration Cockpit** app to enter the position values (see the TRM - Position value [page 1542] migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to the SAP S/4HANA system), the migration cockpit can derive the financial transaction number if you can fill one of the following fields or field combinations instead:
   - **Internal Reference**
   - **Business Partner ID and External Reference**
   - **Legal Basis and External Trade ID**

   > **i** Note
   >
   > These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction.

   The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the **Legacy Data Transfer** table for position component values.
3. Using the **Execute Data Transfer** Customizing activity (transaction TPM63), you enter the positions component values in the **Positions Management** tables. Should errors occur, you can reverse the initial load using the **Reverse Data Transfer** Customizing activity (transaction TPM64).
4. To check the values entered, you can display the positions component values with the **Display Treasury Position Values** apps or with the **Treasury Position Analysis app**.

How to Validate your Data in the System

Transaction `FTR_DISPLAY`	*Transaction Display*

Available Migration Objects [page 2] in SAP S/4HANA.

1.443 *TRM - Position value*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Transaction Manager (FIN-FSCM-TRM-TM)
Business Object Type	Transactional data
Business Object Definition	Valuation-area-dependent data for MM, FX, OTC transactions

Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

Prerequisites

To migrate the position value data, the financial transaction should exist in the system. This means that the following objects should be migrated before the position object.

- TRM - Foreign exchange spot/forward transaction - contract [page 1534]
  TRM - Foreign exchange swap - contract [page 1531]
  TRM - Deposit at notice (deprecated) [page 1523]
  TRM - Commercial paper [page 1520]
  TRM - Interest rate instrument [page 1538]
  TRM - FX option [page 1526]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Position value data (mandatory)

Detailed Mapping Instructions

Enter the financial transaction number to import the position value data. If the transaction number isn't available (because this number was generated during the migration of your financial transactions to the SAP S/4HANA Cloud system), you can use the following fields or field combinations to determine the transaction number.

- *Internal Reference*.
- *Business Partner Number* and *External Reference*.
- *Legal Basis* (SAP S/4HANA Cloud preconfigured value *01*) and *External Trade ID*.

> **i Note**
>
> These fields are available in the financial transaction data and should have been filled during the migration of the financial transaction.

The migration cockpit searches for the corresponding financial transactions and enters the identified financial transaction number in the *Legacy Data Transfer* table for position component values.

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

Follow-on Activities

The function for the legacy data transfer is available in the Customizing of the Transaction Manager under *General Settings -> Tools -> Legacy Data Transfer*:

- **Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives** (transaction TPM63C)
- **Execute Data Transfer** (transaction TPM63)
- **Reverse Data Transfer** (transaction TPM64)
- **Flag Flows as Posted** (transaction TBB1_LC)
- **Flag Flows as Reversed** (transaction TBB3)

After the import of position value data, you can execute the initial load of position data.

1. Using the **Execute Data Transfer** Customizing activity (transaction TPM63), you enter the positions component values in the **Positions Management** tables.
   Should errors occur, you can reverse the initial load using the **Reverse Data Transfer** Customizing activity (transaction TPM64).
2. To check the values entered, you can display the positions component values with the **Display Treasury Position Values** apps or with the **Treasury Position Analysis** app.

How to Validate your Data in the System

Transaction `TPM63C`	*Enter Val.-Area-Dependent Data for Money Market, Forex, OTC Derivatives*

Available Migration Objects [page 2] in SAP S/4HANA.

1.444 *Supplier - extend exist rec by new org levels (deprecated)*

Available Migration Objects [page 2] in SAP S/4HANA.

> ⚠ Caution
>
> This migration object is deprecated. Until its final removal, it is solely available for compatibility reasons. Only customers who started their migration project in an earlier release may continue to use it.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.
>
> Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-VM)
Business Object Type	Master data
Business Object Definition	A supplier is a business partner who supplies goods and delivers them to consumers or customers. The supplier is a frequently used master data object, used by almost all business applications. In an SAP ERP system, this is called a vendor. At SAP, there are different object models for the supplier: • The traditional SAP ERP system uses vendor master data. • In all new strategic applications, such as SAP SRM and many industry solutions, the Business Partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Extend existing suppliers with new organizational levels and extend existing customers or contract partners as a supplier with the same number
2. General data (only fields that might become relevant when you extend a customer or contract partner as a supplier)
3. BP Roles
4. Additional addresses
5. General texts
6. Company data and localization fields for Korea and USA*
7. Withholding tax data
8. Company texts
9. Purchasing organization data
10. Purchasing partner functions
11. Purchasing texts
12. Bank data
13. Industries
14. Tax numbers
15. Identification numbers
16. Contact persons, including address data with telephone number, fax number, and email address
17. VAT registration number against supplier (South Korea only)*
18. TAN and exemption number (India only)*
19. Storing contract details (Ireland only)*
20. Storing SIN and site address (Ireland only)*
21. Pattern of due date shift (Japan only)*
22. Individual/Corporate numbers (Japan only)*
23. Tax payment classification (Poland only)*
24. Tax type assignment (Romania only)*
25. Tax payment attributes (Russia only)*
26. Supplier certificates (Saudi Arabia only)*
27. VAT - Cash account regulation (Spain only)*
28. Tax card data (Qatar only)*
29. Italian bank account number (Italy only)*

> **i Note**
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Out of Scope

1. Updates of existing fields and records.

2. Withholding tax data can only be extended with related company data. It isn't possible to extend withholding tax data for an existing company code.
3. Purchasing partner functions can only be extended with related purchasing organization data. It isn't possible to extend purchasing partner functions for an already existing purchasing organization.
4. Time-dependency of addresses.
5. Time-dependency of bank data.

> **i Note**
>
> This migration object is based on the assumption that business partners and suppliers are using the same partner ID. If you've customized your system in a different way, you have to adjust the migration object. If you have to adjust the migration object, you can use the migration object modeler or ask for consulting support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General data
- BP roles
- Additional addresses
- General texts
- Company data
- Withholding tax data
- Company texts
- Purchasing organization data
- Partner functions
- Purchasing texts
- Bank details
- Industries
- Tax numbers
- Identification numbers
- Contact persons
- VAT registration number against supplier (South Korea only)*
- TAN and exemption number (India only)*
- Storing contract details (Ireland only)*
- Storing SIN and site address (Ireland only)*
- Pattern of due date shift (Japan only)*
- Individual/Corporate numbers (Japan only)*
- Tax payment classification (Poland only)*
- Tax type assignment (Romania only)*
- Tax payment attributes (Russia only)*
- Supplier certificates (Saudi Arabia only)*
- VAT - Cash account regulation (Spain)*
- Tax card data (Qatar only)*

- Italian bank account number (Italy only)*

> **i** Note
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Prerequisites

The following objects have already been maintained or migrated:

- Supplier [page 1564]
- If you want to extend existing customers as a supplier with the same number:
  - Customer [page 1200]

Location-Specific Prerequisites

Location-Specific Prerequisites for Russia

For Russia, make the following additional configurations:

- *Financial Accounting (New)* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Country-Specific Settings* > *Russia* > *Payments* > *Maintain Budget Classification Codes*
- *Financial Accounting (New)* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Country-Specific Settings* > *Russia* > *Payments* > *Maintain Payer Statuses*
- *Financial Accounting (New)* > *Asset accounting* > *Information System* > *Country-Specific Functions* > *Russia* > *Property Tax (Advanced Compliance Reporting)* > *Define OKTMO Codes*

Location-Specific Prerequisites for Saudi Arabia

For Saudi Arabia, make the following additional configuration:

Financial Accounting (New) > *Accounts Receivable and Accounts Payable* > *Vendor Accounts* > *Master Data* > *Preparations for Creating Vendor Master Data* > *Accounts Payable Master Data for Saudi Arabia*

Mapping Instructions

In the *General Data* sheet, we only offer fields that might become relevant when you extend existing customers as supplier with the same number. If you want to extend an existing customer as a supplier with the same number, you have to fill out the customer number (reference number). You also have to fill in the*BP Roles* sheets. If you want to extend an existing supplier by new organizational levels, you have to leave the reference number empty.

Please remember that you can't transfer a value in one of the fields provided in the *General Data* sheet when the supplier already exists.

If you want to use the *Supplier ID* for integration with external systems, you can activate it during migration. At the same time, you also need to maintain the *Business System ID* of your source system (to be used for integration) using the *Convert Values* task to ensure that the key mapping is added to the central key mapping store of the SAP S/4HANA system. This is only relevant if you extend an existing customer or contract partner as a supplier with the same number. If you extend an existing supplier with new organizational levels, it isn't necessary to switch on the key mapping for the *Supplier ID*.

Run ID

On the *General Data* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. The *Run ID* field is an additional key field to which you can import the same supplier more than once.

For example, in the first step, you can import supplier "A" with a new company code or purchasing view. In the second step, you can import the same supplier "A" with another company code or purchasing view.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i Note**
>
> To avoid inconsistencies, multiple updates of the same SAP S/4HANA target instance in the same migration run with different run IDs are not allowed. The duplicate instances are skipped during processing.
>
> Nevertheless, all subitems of the target instance are created at once, when processing a target instance for the very first time. After successful migration, run the migration again for each skipped instance to enhance the header data, if required. The subitems are processed in ascending order.

Sensitive Fields for Dual Control

If you've activated the *Define Sensitive Fields for Dual Control (Vendors)* option in the *Configure Your Solution* app, you have to confirm all related vendor changes in the *Confirm Supplier List* app. Migration of master data records are then considered to be changes, and you need to confirm them later on. For this reason, you should consider deactivating this option before you start with the data migration and activate it again you're done.

Challenge with Cross-References to Another BP

For the supplier migration object, you can enter data into fields that could be cross-references to other business partners, for example, a goods supplier or invoicing party.

If you want to use these references to other business partners, make sure that these business partners have been created in advance.

Gordian Knot Problem

If you use the partner function for the purchasing data, you might be faced with the following situation.

> **Example**
>
> You have three suppliers, A, B, and C. They have the following relationships:
>
> - A is goods supplier for B
> - B is goods supplier for C
> - C is goods supplier for A

Please note that this data constellation can't be handled with the data migration object. Please remove some of the relationships and add them later via the BP maintenance UI or BP mass maintenance app.

Challenge with Partner Functions and Contact Persons

Suppliers might have contact persons assigned to them who act as partners During migration, contact persons are created as separate business partners using internal numbering. Since this new numbering is created only during the migration process, you can't use the contact person number as a contact ID for partner functions in one single step.

To assign a contact person as a partner, first create the supplier with the contact person, but without purchasing data. Then, use the *Supplier - extend exist rec by new org levels (deprecated)* migration object in the second step to assign the purchasing data together with the contact person in partner capacity.

Contact Person ID

You must enter a *contact person ID* in the respective field in the *Contact Person* sheet. This number is required for internal data processing. However, during processing, a new business partner is created with an internal number. This business partner is automatically assigned to the supplier with the corresponding relationship.

Tax Jurisdiction Code Determination via Vertex

If *Vertex* is activated (especially on US installations), the tax jurisdiction code is determined by the address.

If *Vertex* determines more than one tax jurisdiction code for a record, the migration of this record fails. If this happens, you'll have to provide a more detailed address, for example, a US zip code with 9 digits instead of 5 digits.

The more detailed and accurate an address, the better the tax jurisdiction code is determined by *Vertex*.

For some addresses, *Vertex* always provides more than one tax jurisdiction code. In this case, you'll have to maintain this record manually or provide a correct tax jurisdiction code in the template.

In the *Suppress Tax Jurisdiction Code Check* field in the *General Data* sheet, you can suppress the check and the automatic determination of the *Tax Jurisdiction Code* for each record.

Mapping Structure Hierarchy

Level	Name		
1	General Data (mandatory)		
2		BP Roles	
2		Additional Addresses	
2		General Texts	
2		Company Data	
3			Withholding Tax Data
3			Company Texts
2		Purchasing Organization Data	
3			Partner Functions
3			Purchasing Texts

Level	Name
2	Bank Details
2	Industries
2	Tax Numbers
2	Identification Numbers
2	Contact Persons
2	VAT Reg. Number Against Suppl.*
2	TAN and Exemption Number*
2	Storing Contract Details*
3	Storing SIN and Site Address*
2	Pattern of Due Date Shift*
2	Individual/Corporate Numbers*
2	Tax Payment Classification*
2	Tax Type Assignment*
2	Tax Payment Attributes*
2	Vendor Certificates*
2	VAT - Cash Account. Regulation*
2	Tax Card Data*
2	Italian Bank Account Number*

> **i Note**
>
> Structures and fields or field groups marked with an asterisk (*) are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extensions

> **i Note**
>
> Location-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Location-Specific Extension for South Korea

There are three location-specific fields in the general data of the business partner: *Type of Business*, *Type of Industry*, and *Name of Representative*. Note that these fields are overwritten by the latest corresponding fields

of the *VAT registration number against supplier* sheet. If there are multiple entries in this sheet, the three fields are updated by the entry with the most recent date. If there's no entry in the *VAT registration number against supplier* data sheet, the three fields stay as they are.

Location-Specific Extension for India

To be able to enter *TAN-Based Exemption* information in the *TAN and Exemption Number* sheet for India, enter *Withholding Tax Type* and *Withholding Tax Code* in the *Withholding Tax Data* sheet first.

Location-Specific Extension for Ireland

Make sure that the *Address Number* in the *Storing SIN and site address* sheet starts with ## followed by any random number. The system then autogenerates unique numbers for each address record. Note that this address is relevant for Ireland RCT only. It is not related to the general address of the supplier.

Location-Specific Extension for Japan

For a supplier with *Supplier Type* `I` (that is, *Individual*), the validity date ranges in the *Individual/Corporate Numbers* sheet must not overlap between different records of one supplier.

Location-Specific Extension for Poland

The tax payment classification is used to maintain the VAT payment type for the supplier. There are three possible options:

1. VAT payment type 1: *Split Disabled* – This means that the supplier can't be used for split payment in the given date range
2. VAT payment type 2: *Split Enabled* – This means that the supplier can be used for split payment in the given date range
3. VAT payment type 3: *Split Mandatory* – This means that the supplier must be used for split payment in the given date range

For a supplier, the validity date ranges in the *Tax Payment Classification* sheet must not overlap between different records of one supplier and must be continuous.

Location-Specific Extension for Romania

Business partners in Romania must be classified for VAT registration.

The tax type classification describes where the supplier is registered for VAT. There are four possible options.

1. Tax type 1: Registered for VAT in Romania
2. Tax type 2: Not registered for VAT in Romania
3. Tax type 3: Not established in Romania, but established in the EU
4. Tax Type 4: Not established in the EU

For a supplier, the validity date ranges in the *Tax type assignment* sheet must not overlap between different records of one supplier and must be continuous.

Location-Specific Extension for Saudi Arabia

For supplier certificates, you need to fill in the information in the *Company Data* and *Vendor Certificate* sheets.

Location-Specific Extension for Qatar

For tax card data, you need to fill in the information in the *Company Data* and *Tax Card Data* sheets.

The table below lists all valid combinations of values for the *Residency* and *Registration* fields. It also provides information about whether you need to specify withholding tax details for a combination. If this value is *Yes*, you need to specify withholding tax details for the supplier in the *Withholding Tax Data* sheet. If this value is *No*, do not specify any withholding tax details in the *Withholding Tax Data* sheet, otherwise an error will occur.

Residency	Registration	Withholding Tax Details Required?
Resident	Normal	No
Nonresident	Normal	No
	Registered < year	Yes
	Registered >= year	No
	Not Registered	Yes
Nonresident (GCC)	Normal	Yes

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.445 *Supplier - extend existing record by new org levels*

Available Migration Objects [page 2] in SAP S/4HANA.

> → Tip
>
> This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.

Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-VM)
Business Object Type	Master Data
Business Object Definition	A supplier is a business partner who supplies goods and delivers them to consumers or customers. The supplier is a frequently used master data object, used by almost all business applications. In theSAP ERP system, this is called a vendor. At SAP, there are different object models for the supplier: • In the traditional SAP ERP system, the vendor master data is used. • In all new strategic applications, such as SAP SRM and many industry solutions, the business partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Extend existing suppliers with new organizational levels and extend existing customers or contract partners as a supplier with the same number
2. General data (only fields that become relevant when you extend a customer or contract partner as a supplier)
3. BP Roles
4. Additional addresses
5. Address usages
6. General Texts
7. Company data and localization fields for Korea and USA*
8. Withholding tax data
9. Company Texts

10. Purchasing organization data
11. Purchasing partner functions
12. Purchasing texts
13. Bank data
14. Industries
15. Tax numbers
16. Identification numbers
17. Contact Persons, including address data with telephone number, fax number, and email address
18. VAT registration number against supplier (South Korea only)*
19. TAN and exemption number (India only)*
20. Storing contract details (Ireland only)*
21. Storing SIN and site address (Ireland only)*
22. Pattern of due date shift (Japan only)*
23. Individual/corporate numbers (Japan only)*
24. Tax payment classification (Poland only)*
25. Tax type assignment (Romania only)*
26. Tax payment attributes (Russia only)*
27. Supplier certificates (Saudi Arabia only)*
28. VAT cash account regulation (Spain only)*
29. Tax card data (Qatar only)*
30. Italian bank account number (Italy only)*

> **i** Note
>
> Structures and field or field marked with an asterisk (*) are visible only if the configuration of your system covers this requirement during the download.

Out of Scope

1. Updates of existing fields and records.
2. Withholding tax data can only be extended with related company data. It isn't possible to extend withholding tax data for an existing company code.
3. Purchasing partner functions can only be extended with related purchasing organization data. It isn't possible to extend purchasing partner functions for an already existing purchasing organization.
4. Time-dependency of addresses.
5. Time-dependency of bank data.

> **i** Note
>
> This migration object is based on the assumption that business partners and suppliers are using the same partner ID. If you've customized your system in a different way, you have to adjust the migration object. If you have to adjust the migration object, you can use the migration object modeler or ask for consulting support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General data
- BP roles
- Additional addresses
- Address usages
- General texts
- Company data
- Withholding tax data
- Company texts
- Purchasing organization data
- Partner functions
- Purchasing texts
- Bank details
- Industries
- Tax numbers
- Identification numbers
- Contact persons
- VAT registration number against supplier (South Korea only)*
- TAN and exemption umber (India only)*
- Storing contract details (Ireland only)*
- Storing SIN and site address (Ireland only)*
- Pattern of due sate shift (Japan only)*
- Individual/corporate numbers (Japan only)*
- Tax payment classification (Poland only)*
- Tax type assignment (Romania only)*
- Tax payment attributes (Russia only)*
- Supplier certificates (Saudi Arabia only)*
- VAT cash account regulation (Spain)*
- Tax card data (Qatar only)*
- Italian bank account number (Italy only)*

> **i Note**
>
> Structures and field or fields marked with an asterisk (*) are visible only if the configuration of your system covers this requirement during the download.

Prerequisites

The following objects need to have already been maintained or migrated:

- Supplier [page 1564]

- If you want to extend existing customers as a supplier with the same number, refer to this section:
  - Customer [page 1200]

Location-Specific Prerequisites

Location-Specific Prerequisites for Russia

For Russia, make the following additional configurations:

- *Financial Accounting (New)* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Country-Specific Settings* > *Russia* > *Payments* > *Maintain Budget Classification Codes*
- *Financial Accounting (New)* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Country-Specific Settings* > *Russia* > *Payments* > *Maintain Payer Statuses*
- *Financial Accounting (New)* > *Asset accounting* > *Information System* > *Country-Specific Functions* > *Russia* > *Property Tax (Advanced Compliance Reporting)* > *Define OKTMO Codes*

Location-Specific Prerequisites for Saudi Arabia

For Saudi Arabia, make the following additional configuration:

Financial Accounting (New) > *Accounts Receivable and Accounts Payable* > *Vendor Accounts* > *Master Data* > *Preparations for Creating Vendor Master Data* > *Accounts Payable Master Data for Saudi Arabia*

Mapping Instructions

In the *General Data* sheet, we only offer fields that become relevant when you extend existing customers as supplier with the same number. If you want to extend an existing customer as a supplier with the same number, you have to fill out the customer number (reference number). You also have to fill in the*BP Roles* sheets. If you want to extend an existing supplier by new organizational levels, you have to leave the reference number empty.

Remember that you can't transfer a value in one of the fields provided in the *General Data* sheet when the supplier already exists.

All partner functions that are mandatory are created automatically with the same supplier number. If you provide the partner function with a different supplier number on the *Partner Functions* sheet, this entry is what is taken.

It's possible to assign additional addresses to an existing supplier. The external address number must be unique for each supplier. You can use the same external address number for different business partners. The address usage is always linked to an address by the external address usage.

If you want to use the *Supplier ID* for integration with external systems, you can activate it during migration. Simultaneously, you also need to maintain the *Business System ID* of your source system (to be used for integration) using the *Convert Values* task to ensure that the key mapping is added to the central key mapping store of the SAP S/4HANA system. This is only relevant if you extend an existing customer or contract partner as a supplier with the same number. If you extend an existing supplier with new organizational levels, it isn't necessary to switch on the key mapping for the *Supplier ID*.

Run ID

On the *General Data* sheet, you find an additional key field, *Run ID*. This field is a counter that you can use to execute several enhancements for the same instance. The *Run ID* field is an additional key field to which you can import the same supplier more than once.

For example, in the first step, you can import supplier "A" with a new company code or purchasing view. In the second step, you can import the same supplier "A" with another company code or purchasing view.

You can distinguish the enhancements for the same instance by the different run IDs. In this scenario, you must ensure that the migration for one run ID has been completed before uploading data with another run ID for the same instance.

> **i** Note
>
> To avoid inconsistencies, multiple updates of the same SAP S/4HANA target instance in the same migration run with different run IDs are not allowed. The duplicate instances are skipped during processing with an error message.

Sensitive Fields for Dual Control

If you've activated the *Define Sensitive Fields for Dual Control (Vendors)* option in the *Configure Your Solution* app, you have to confirm all related vendor changes in the *Confirm Supplier List* app. Migration of master data records are then considered to be changes, and you need to confirm them later on. For this reason, you need to deactivate this option before you start with the data migration and activate it again when you're done.

Challenge with Cross-References to Another BP

For the supplier migration object, you can enter data into fields that could be cross-references to other business partners, for example, a goods supplier or invoicing party.

If you want to use these references to other business partners, make sure that these business partners have been created in advance.

Gordian Knot Problem

If you use the partner function for the purchasing data, you can encounter with the following situation.

> **Example**
>
> You have three suppliers: A, B, and C. They have the following relationships:
>
> - A is a goods supplier for B
> - B is a goods supplier for C
> - C is a goods supplier for A

Note that this data arrangement can't be handled with the data migration object. Remove some of the relationships and add them later via the BP maintenance UI or BP mass maintenance app.

Challenge with Partner Functions and Contact Persons

Suppliers might have contact persons assigned to them who act as partners. During migration, contact persons are created as separate business partners using internal numbering. Since this new numbering is created only during the migration process, you can't use the contact person number as a contact ID for partner functions in one single step.

To assign a contact person as a partner, first create the supplier with the contact person, but without purchasing data. Then, use the *Supplier - extend exist rec by new org levels (deprecated)* migration object as the second step to assign the purchasing data together with the contact person in partner capacity.

Contact Person ID

You must enter a *contact person ID* in the respective field in the *Contact Person* sheet. This number is required for internal data processing. However, during processing, a new business partner is created with an internal number. This business partner is automatically assigned to the supplier with the corresponding relationship.

Tax Jurisdiction Code Determination via Vertex

If *Vertex* is activated (especially on US installations), the tax jurisdiction code is determined by the address.

If *Vertex* determines more than one tax jurisdiction code for a record, the migration of this record fails. If this happens, you need to provide a more detailed address, for example, a US zip code with 9 digits instead of 5 digits.

The more detailed and accurate an address, the better the tax jurisdiction code is determined by *Vertex*.

For some addresses, *Vertex* always provides more than one tax jurisdiction code. In this case, you'll have to maintain this record manually or provide a correct tax jurisdiction code in the template.

In the *Suppress Tax Jurisdiction Code Check* field in the *General Data* sheet, you can suppress the check and the automatic determination of the *Tax Jurisdiction Code* for each record.

Mapping Structure Hierarchy

Level	Name		
1	General Data (mandatory)		
2		BP Roles	
2		Additional Addresses	
3			Address Usages
2		General Texts	
2		Company Data	
3			Withholding Tax Data
3			Company Texts
2		Purchasing Organization Data	
3			Partner Functions
3			Purchasing Texts
2		Bank Details	
2		Industries	
2		Tax Numbers	
2		Identification Numbers	
2		Contact Persons	

Level	Name	
2		VAT Reg. Number Against Suppl.*
2		TAN and Exemption Number*
2		Storing Contract Details*
3		Storing SIN and Site Address*
2		Pattern of Due Date Shift*
2		Individual/Corporate Numbers*
2		Tax Payment Classification*
2		Tax Type Assignment*
2		Tax Payment Attributes*
2		Vendor Certificates*
2		VAT - Cash Account. Regulation*
2		Tax Card Data*
2		Italian Bank Account Number*

> **i** Note
>
> Structures and field or fields marked with an asterisk (*) are visible only if the configuration of your system covers this requirement duringthe download.

Location-Specific Extensions

> **i** Note
>
> Location-specific extensions are visible only if the configuration of your system covers this requirement during the download.

Location-Specific Extension for South Korea

There are three location-specific fields in the general data of the business partner: *Type of Business*, *Type of Industry*, and *Name of Representative*. Note that these fields are overwritten by the latest corresponding fields of the *VAT registration number against supplier* sheet. If there are multiple entries in this sheet, the three fields are updated by the entry with the most recent date. If there's no entry in the *VAT registration number against supplier* data sheet, the three fields stay as they are.

Location-Specific Extension for India

To be able to enter *TAN-Based Exemption* information in the *TAN and Exemption Number* sheet for India, enter *Withholding Tax Type* and *Withholding Tax Code* in the *Withholding Tax Data* sheet first.

Location-Specific Extension for Ireland

Make sure that the *Address Number* in the *Storing SIN and site address* sheet starts with ## followed by any random number. The system then autogenerates unique numbers for each address record. Note that this address is relevant for Ireland RCT only. It isn't related to the general address of the supplier.

Location-Specific Extension for Japan

For a supplier with *Supplier Type* `I` (that is, *Individual*), the validity date ranges in the *Individual/Corporate Numbers* sheet must not overlap between different records of one supplier.

Location-Specific Extension for Poland

The tax payment classification is used to maintain the VAT payment type for the supplier. There are three possible options:

1. VAT payment type 1: *Split Disabled* – This means that the supplier can't be used for split payment in the given date range
2. VAT payment type 2: *Split Enabled* – This means that the supplier can be used for split payment in the given date range
3. VAT payment type 3: *Split Mandatory* – This means that the supplier must be used for split payment in the given date range

For a supplier, the validity date ranges in the *Tax Payment Classification* sheet must not overlap between different records of one supplier and must be continuous.

Location-Specific Extension for Romania

Business partners in Romania must be classified for VAT registration.

The tax type classification describes where the supplier is registered for VAT. There are four possible options.

1. Tax type 1: Registered for VAT in Romania
2. Tax type 2: Not registered for VAT in Romania
3. Tax type 3: Not established in Romania, but established in the EU
4. Tax Type 4: Not established in the EU

For a supplier, the validity date ranges in the *Tax type assignment* sheet must not overlap between different records of one supplier and must be continuous.

Location-Specific Extension for Saudi Arabia

For supplier certificates, you need to fill in the information in the *Company Data* and *Vendor Certificate* sheets.

Location-Specific Extension for Qatar

For tax card data, you need to fill in the information in the *Company Data* and *Tax Card Data* sheets.

The table below lists all valid combinations of values for the *Residency* and *Registration* fields. It also provides information about whether you need to specify withholding tax details for a combination. If this value is *Yes*, you need to specify withholding tax details for the supplier in the *Withholding Tax Data* sheet. If this value is *No*, do not specify any withholding tax details in the *Withholding Tax Data* sheet, otherwise an error will occur.

Residency	Registration	Withholding Tax Details Required?
Resident	Normal	No
Nonresident	Normal	No
	Registered < year	Yes
	Registered >= year	No
	Not Registered	Yes
Nonresident (GCC)	Normal	Yes

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.446 *Supplier - extend existing record by Thailand branch code*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	LO-MD-BP
Business Object Type	Master Data

Business Object Definition	Business partners may have many branches depending on the various locations they operate from. A branch code is a 4-digit or a 5-digit code assigned by the Revenue Department in Thailand to uniquely identify each branch of a business partner. The head office branch has a branch code of 00000 or 0000.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. Branch codes with address information.

Out of Scope

1. More than one address.
2. International address versions.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- All structures or features are supported.

Prerequisites

The following objects must have already been maintained or migrated:

- Supplier [page 1564]

Mapping Instructions

- As a prerequisite, the supplier master data needs to be migrated with a Thai company code assigned to it.
- Only one branch code can be marked as the default branch code. If only one branch code is assigned, it will automatically be marked as the default.
- If branch codes are already assigned to the supplier, additional branch codes can only be uploaded without a default indicator.

- , Only fax, E-mail, and telephone are supported as standard methods of communication (part of the address information).

Mapping Structure Hierarchy

Level	Name
1	Thailand branch code

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction BP	*Maintain Business Partner*

Available Migration Objects [page 2] in SAP S/4HANA.

1.447 *Supplier*

Available Migration Objects [page 2] in SAP S/4HANA.

→ Tip

This migration object is supported by the *Custom Fields* and *Custom Logic* apps. If you enhance your business object with custom fields in the app, these custom fields will automatically be reflected in the XML template of the corresponding migration object. See SAP S/4HANA Migration Cockpit: Support of Custom Fields for further details.

Every time you add, change or delete a custom field, the migration project must be updated and a new migration XML template must be downloaded and used. Thus, if custom fields are added or changed by an application expert during migration testing, this must be communicated to and coordinated with your data migration team. To check whether custom fields exist for a migration object, choose *Check for Custom Fields* on the *Migration Object* screen. If custom fields exist, the system updates the migration object with the custom fields. Also see the Extensibility section in the SAP S/4HANA documentation.

Purpose

Business Object Component/Area	Logistics - General (LO-MD-BP, LO-MD-BP-VM)
Business Object Type	Master Data
Business Object Definition	A supplier is a business partner who supplies goods and delivers them to consumers/customers. As a master data object, the supplier is frequently used by almost all business applications. In the SAP ERP system, it's called a vendor. At SAP, there are different object models for the supplier: • In the traditional SAP ERP system, the vendor master data is used. • In all new strategic applications, such as SAP SRM and many industry solutions, the business partner approach is used.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

1. General data with standard address data and localization fields for Brasil, India, South Korea, Great Britain, Taiwan, Australia, Japan*
2. BP Roles
3. Additional addresses
4. Address usages
5. General Texts
6. Company data and localization fields for Korea and USA*
7. Withholding tax data
8. Company Texts
9. Purchasing organization data
10. Purchasing partner functions
11. Purchasing Texts
12. Bank data
13. Industries
14. Tax numbers
15. Identification numbers
16. Contact persons, including address data with telephone, fax, email
17. VAT registration number against supplier (South Korea only)*
18. TAN and exemption number (India only)*

19. Storing contract details (Ireland only)*
20. Storing SIN and site address (Ireland only)*
21. Pattern of due date shift (Japan only)*
22. Individual/corporate numbers (Japan only)*
23. Tax payment classification (Poland only)*
24. Tax type assignment (Romania only)*
25. Tax payment attributes (Russia only)*
26. Supplier certificates (Saudi Arabia only)*
27. VAT cash account. Regulation (Spain)*
28. Tax card data (Qatar)*
29. Italian bank account number (Italy)*

> **i** Note
>
> Structures and field or fields marked with an asterisk (*) are visible only if the configuration of your system covers this requirement during the download.

Out of Scope

1. Creation of business partner of type *Group*.
2. Relationship to other business partners.
3. Supplier and customer are two separate business partners and, therefore, have two different numbers. With the Supplier - extend existing record by new org levels [page 1553] data migration object, you're able to create a supplier with the same customer number. As a prerequisite, you have to create the customer first.
4. Time-dependency of addresses.
5. Time-dependency of bank data.

> **i** Note
>
> This migration object is based on the assumption that business partner and supplier are using the same partner ID. If you've customized your system in a different way, you must adjust the migration object. If you need to adjust the migration object, you can use the migration object modeler or ask for consulting support.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- General data
- BP roles
- Additional addresses
- Address usages

- General texts
- Company data
- Withholding tax data
- Company texts
- Purchasing organization data
- Partner functions
- Purchasing texts
- Bank details
- Industries
- Tax numbers
- Identification numbers
- Contact persons
- VAT registration number against supplier (South Korea only)*
- TAN and exemption number (India only)*
- Storing contract details (Ireland only)*
- Storing SIN and site address (Ireland only)*
- Pattern of due date shift (Japan only)*
- Individual/corporate numbers (Japan only)*
- Tax payment classification (Poland only)*
- Tax type assignment (Romania only)*
- Tax payment attributes (Russia only)*
- Supplier certificates (Saudi Arabia only)*
- VAT cash account. Regulation (Spain only)*
- Tax card data (Qatar only)*
- Italian bank account number (Italy only)*

> **i Note**
>
> Structures and field or fields marked with an asterisk (*) are visible only if the configuration of your system covers this requirement during the download.

Prerequisites

The following objects need to have already been maintained or migrated:

- Bank [page 1088]

> **i Note**
>
> The *Supplier Account Group* field must be in-sync with your customization of the *BU grouping*. Otherwise, this overwrites the account group.

Location-Specific Prerequisites

Location-Specific Prerequisites for Russia

For Russia, make the following additional configurations:

- *Financial Accounting (New)* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Country-Specific Settings* > *Russia* > *Payments* > *Maintain Budget Classification Codes*
- *Financial Accounting (New)* > *Accounts Receivable and Accounts Payable* > *Business Transactions* > *Country-Specific Settings* > *Russia* > *Payments* > *Maintain Payer Statuses*
- *Financial Accounting (New)* > *Asset accounting* > *Information System* > *Country-Specific Functions* > *Russia* > *Property Tax (Advanced Compliance Reporting)* > *Define OKTMO Codes*

Location-Specific Prerequisites for Saudi Arabia

For Saudi Arabia, make the following additional configuration:

Financial Accounting (New) > *Accounts Receivable and Accounts Payable* > *Vendor Accounts* > *Master Data* > *Preparations for Creating Vendor Master Data* > *Accounts Payable Master Data for Saudi Arabia*

Mapping Instructions

You have to maintain all business partner roles depending on your business transactions.

All mandatory partner functions are created automatically with the same supplier number. If you provide the partner function with a different supplier number on the *Partner Functions* sheet, this entry is what is taken .

It's possible to assign more than one address to a supplier. The address data from the *General Data* sheet is always the standard address. The address usage is always linked to an address. If you assign only one address to a supplier, it's not necessary to provide an external address number. If you provide additional addresses, however, the external address number becomes mandatory. The external address number must be unique for each supplier. You can use the same external address number for different business partners.

During migration, you can choose between internal and external number assignment for new suppliers according to the settings for BP grouping.

Assigned contact persons always get an internal number for the new business partner.

With the *BP Grouping* field on the *General Data* sheet, you can arrange the different number ranges (internal or external) and the vendor account group. It's possible to create a supplier and a one-time supplier.

The settings that are made together with your *BP Grouping* customization determines whether the supplier is created with internal or external numbering.

If you need to create a business partner with both customer and supplier roles, you can enter this manually or extend an already migrated customer with the Supplier - extend existing record by new org levels [page 1553] migration object.

If you want to use the *Supplier ID* for integration with external systems, you can activate it during migration. At the same time, you must also maintain the *Business System ID* of your source system (to be used for integration) using the *Convert Values* task. This ensures that the key mapping is added to the central key mapping store onSAP S/4HANA system.

Sensitive Fields for Dual Control

If you've activated the *Define Sensitive Fields for Dual Control (Vendors)* option in the *Configure Your Solution* app, you must confirm all related vendor changes in the *Confirm Supplier List* app. Migration of master data records are then considered as changes, which you must confirm later on. For this reason, you should consider deactivating this option before you start with the data migration, and activate it again afterwards.

Challenge with Cross-References to Another BP

For the supplier migration object, you can enter data into fields that could be cross-references to other business partners, for example, goods supplier or invoicing party.

If you want to use these references to other business partners, make sure that these business partners are created in advance.

Gordian Knot Problem

If you use the partner function for the purchasing data, you might face the following situation.

> **Example**
>
> You have three suppliers: A, B, and C. They have the following relation:
>
> - A is a goods supplier for B
> - B is a goods supplier for C
> - C is a goods supplier for A

Note that this data arrangement can't be handled with the data migration object. Please remove some of the relations and add them later via the BP maintenance UI or BP mass maintenance app.

Challenge with Partner Functions and Contact Persons

Suppliers might have contact persons assigned who act in partner capacity. During migration, contact persons are created as separate business partners using internal numbering. Since this new numbering is only created during the migration process, you can't use the contact person number as contact ID for partner functions in one single step.

To assign a contact person as partner, first create the supplier with the contact person, but without purchasing data. Then, use the Supplier - extend existing record by new org levels [page 1553] migration object as a second step to assign the purchasing data together with the contact person in partner capacity.

Contact Person ID

You must enter a *contact person ID* in the respective field in the *Contact person* sheet. This number is required for internal data processing. However, during processing, a new business partner is created with an internal number. This business partner is automatically assigned to the supplier with the corresponding relationship.

Tax Jurisdiction Code Determination via Vertex

If *Vertex* is activated (especially on US installations), the tax jurisdiction code is determined by the address.

If *Vertex* determines more than one tax jurisdiction code for a record, the migration of this record fails. If this happens, you need to provide a more detailed/accurate address, for example, a US postal code with 9 digits instead of 5 digits.

The more detailed and accurate an address, the better the tax jurisdiction code can be determined by *Vertex*.

For some addresses, *Vertex* will always provide more than one tax jurisdiction code. In this case, you must maintain this record manually or provide a correct tax jurisdiction code within the template.

In the *Suppress Tax Jurisdiction Code Check* field on the *General Data* sheet, you can suppress the check and the automatic determination of the *Tax Jurisdiction Code* for each record.

Mapping Structure Hierarchy

Level	Name		
1	General Data (mandatory)		
2		BP Roles (mandatory for OP)	
2		Additional Addresses	
2		Address Usages	
2		General Texts	
2		Company Data	
3			Withholding Tax Data
3			Company Texts
2		Purchasing Organization Data	
3			Partner Functions
3			Purchasing Texts
2		Bank Details	
2		Industries	
2		Tax Numbers	
2		Identification Numbers	
2		Contact Persons	
2		VAT Reg. Number Against Suppl.*	
2		TAN and Exemption Number*	
2		Storing Contract Details*	
3		Storing SIN and Site Address*	
2		Pattern of Due Date Shift*	
2		Individual/Corporate Numbers*	
2		Tax Payment Classification*	
2		Tax Type Assignment*	
2		Tax Payment Attributes*	
2		Supplier Certificates*	

Level	Name	
2		VAT - Cash Account Regulation*
2		Tax Card Data*
2		Italian Bank Account Number*

> **i** Note
>
> Structures and field or fields marked with an asterisk (*) are visible only if the configuration of your system covers this requirement during the download.

Location-Specific Extensions

> **i** Note
>
> Local-specific extensions are visible only if the configuration of your system covers this requirement during the download.

Location-Specific Extension for South Korea

There are three location-specific fields on the *General Data* sheet of the migration template: *Type of Business*, *Type of Industry*, and *Name of Representative*. Note that these fields are overwritten by the latest corresponding fields of the *VAT registration number against supplier* sheet. If there are multiple entries in this sheet, the three fields are updated by the entry with the most recent date. If there's no entry on the *VAT registration number against supplier* data sheet, the three fields remain as they are.

Location-Specific Extension for India

To be able to maintain *TAN-Based Exemption* information on the *TAN and exemption number* sheet for India, maintain *Permanent Account Number* on the *General Data* sheet as well as *Withholding Tax Type* and *Withholding Tax Code* on the *Withholding Tax Data* sheet first.

Location-Specific Extension for Ireland

Make sure that the *Address Number* on the *Storing SIN and site address* sheet starts with ## followed by any random number. The system then auto-generates unique numbers for each address record. Note that this address is relevant for Ireland RCT only. It isn't related to the general address of the supplier.

Location-Specific Extension for Japan

For a supplier with *Supplier Type* `I` (for example, *Individual*), the validity date ranges on the *Individual/ Corporate Numbers* sheet must not overlap between different records of one supplier.

Location-Specific Extension for Poland

The tax payment classification is used to maintain the VAT payment type for the supplier. There are three possible options:

1. VAT payment type 1: *Split Disabled* – This means that the supplier can't be used for split payment between the given date range.
2. VAT payment type 2: *Split Enabled* – This means that the supplier can be used for split payment between the given date range.
3. VAT payment type 3: *Split Mandatory* – This means that the supplier must be used for split payment between the given date range.

For a supplier, the validity date ranges on the *Tax payment classification* sheet must not overlap between different records of one supplier and must be continuous.

Location-Specific Extension for Romania

Business partners in Romania must be classified for VAT registration.

The tax type classification describes where the supplier is registered for VAT. There are four possible options.

1. Tax type 1: Registered for VAT in Romania
2. Tax type 2: Not registered for VAT in Romania
3. Tax type 3: Not established in Romania, but established in the EU
4. Tax Type 4: Not established in the EU

For a supplier, the validity date ranges on the *Tax type assignment* sheet must not overlap between different records of one supplier and must be continuous.

Location-Specific Extension for Saudi Arabia

For supplier certificates, you need to fill information in the *Company Data* and *Vendor certificate* sheets.

Location-Specific Extension for Qatar

For tax card data, you need to fill information in the *Company Data* and *Tax Card Data* sheets.

The table below lists all valid combinations of values for *Residency* and *Registration* fields. It also provides information on whether you need to specify withholding tax details for a combination. If this value is *Yes*, you need to specify withholding tax details for the supplier in the *Withholding Tax Data* sheet. If this value is *No*, do not specify any withholding tax details in the *Withholding Tax Data* sheet, otherwise it leads to an error.

Residency	Registration	Withholding Tax Details Required?
Resident	Normal	No
Nonresident	Normal	No
	Registered < year	Yes
	Registered >= year	No
	Not Registered	Yes
Nonresident (GCC)	Normal	Yes

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate Your Data in the System

Transaction BP	*Maintain Business Partner*

Further Information

- SAP Knowledge-Base Article 2848224 – *Migration Cockpit: Collective KBA for Business Partner (Customer, Supplier)*
- SAP Note 2726010 – *Migration Cockpit: Support of custom fields (in-app extensibility)*.

1.448 *PS - WBS element*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	PS
Business Object Type	Transactional data
Business Object Definition	A work breakdown structure (WBS) is a model of the work to be performed in a project organized in a hierarchical structure.
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Migration of WBS Elements assigned to an already existing or migrated project.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Dates
- Assignments
- Control
- User Fields
- Text

Prerequisites

The following objects must have already been maintained or migrated:

- PS - Project [page 1456]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Project Definition (mandatory)	
2		WBS element data (mandatory)

Mapping Instructions

WBS Element data:

To create a WBS element in a hierarchy, maintain the parent WBS element in field *Parent Work Breakdown Structure Element*

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction CJ13	*Display WBS Element*

Available Migration Objects [page 2] in SAP S/4HANA.

1.449 *Work center/Resource*

Available Migration Objects [page 2] in SAP S/4HANA.

Purpose

Business Object Component/Area	Work Center / Resource (PP/PM)
Business Object Type	Master data

Business Object Definition	1. Work Center Logistics - General (LO) Organizational unit that defines where and by whom an operation is performed. The work center has an available capacity. The activities performed at or by the work center are valuated by charge rates, which are determined by cost centers and activity types. Work centers can be: ○ Machines ○ People ○ Production lines ○ Groups of craftsmen 2. Resource Production Planning for Process Industries (PP-PI) Means of production and persons involved in a production process that have capacities assigned to them. Resources are divided into resource categories, such as production line labor, storage. Using resources, you can: ○ Create a resource network structure to define the sequence of the resources used ○ Define a resource hierarchy to group resources for evaluation ○ Classify the resources to define their suitability for a purpose or use in an operation
Migration Approach	File/Staging Table

In Scope

Migration to SAP S/4HANA is supported.

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Work Center Basic Data
- Work Center Default Values
- Work Center Scheduling
- Work Center Description
- Work Center Formula Constants
- Work Center Capacities, Header Data
- Work Center Capacities, Description
- Work Center Capacities, Intervals of Available Capacity

- Work Center Capacities, Shift Values
- Work Center Assignment to Cost Center

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Cost center [page 1345]

Validity Period and Dependencies

Business objects that reference this object must be created within the correct validity period for this object.

If a successor object is created with a validity period that starts before the validity period of this object, it will normally cause an error message during the creation or migration of the successor object.

You therefore have to check such time dependencies before you create or migrate your objects. This avoids subsequent error messages and inconsistent data on your database.

Mapping Instructions

Work Center Description on Work Center Header

Enter a language for the *Work Center Description*. The default is the logon language.

On sheet the *Work Center Description*, you can maintain additional descriptions for languages other than those provided on the *Work Center Header* sheet.

Capacity Description on Work Center Capacity

The text that describes the capacity in more detail is the logon language.

On the sheet *Capacity Description*, you can maintain additional descriptions for languages other than the logon language.

Mapping Structure Hierarchy

Level	Name		
1	Work Center Header (mandatory)		
2		Work Center Capacity	
3			Interval of Available Capacity
3			Capacities, shift values
3			Capacity Description

Level	Name
2	Work Center Cost Center
2	Work Center Description

Tasks

1. Navigate to the Data Migration to SAP S/4HANA from Staging (2Q2) scope item on SAP Best Practices Explorer.
2. Choose your *SAP S/4HANA* release from the *Version* field.
3. Download the test script from the *Details* section.
4. Follow the procedure described in the 2Q2 test script.

Post-Processing

How to Validate your Data in the System

Transaction CR03	*Display Work Center*
Transaction CRC3	*Display Resource*

Further Information

SAP Knowledge Base Article 2852321 – *Migration Cockpit: Collective KBA for Work Center*

Available Migration Objects [page 2] in SAP S/4HANA.

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