Implementation Guide | PUBLIC
Document Version: SAP S/4HANA 2020 FPS02 – 2026-06-24

Migration Objects for SAP S/4HANA

© 2026 SAP SE or an SAP affiliate company. All rights reserved.

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*, *File*, or *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
FI - SEPA mandate [page 1075]	Master data	File/Staging Table	`FI`
ECM - Change master [page 799]	Master data	File/Staging Table	`PLM-WUI-OBJ-ECN`
PM - Measurement document [page 870]	Master data	File/Staging Table	`PM`
QM - Inspection plan [page 930]	Master data	File/Staging Table	`QM`
Service order (only open SRVO) [page 1063]	Transactional data	File/Staging Table	`CRM-S4-SRV`
JVA - Joint operating agreement [page 941]	Master data	File/Staging Table	`CA-JVA`
JVA - Joint venture partner [page 943]	Master data	File/Staging Table	`CA-JVA`
JVA - Cost center suspense [page 945]	Master data	File/Staging Table	`CA-JVA`
JVA - Venture suspense [page 947]	Master data	File/Staging Table	`CA-JVA`
JVA - Project suspense [page 950]	Master data	File/Staging Table	`CA-JVA`

Migration Object Name	Business Object Type	Migration Approach	Component
JVA - Joint venture master data [page 952]	Master data	File/Staging Table	CA-JVA
CO - Business process [page 822]	Master data	File/Staging Table	CO-OM-ABC
FI - G/L account - extend existing record by new org levels [page 912]	Master data	File/Staging Table	FI
FI - G/L account [page 914]	Master data	File/Staging Table	FI
Product - extend existing record by new org levels [page 1022]	Master data	File/Staging Table	LO
CO - Statistical key figure [page 824]	Master data	File/Staging Table	CO
Product [page 1028]	Master data	File/Staging Table	LO
FI - Accounts payable open item (restricted) [page 1008]	Transactional data	File/Staging Table	FI-AP
Material listing and exclusion [page 960]	Master data	File/Staging Table	SD
DG - Assessment for unpackaged product (content-based) [page 860]	Master data	File/Staging Table	EHS-SUS-DG
DG - Assessment for packaged product (text-based) [page 862]	Master data	File/Staging Table	EHS-SUS-DG
DG - Assessment for unpackaged product (text-based) [page 865]	Master data	File/Staging Table	EHS-SUS-DG
FI - Accounts receivable open item (restricted) [page 1013]	Transactional data	File/Staging Table	FI-AR
FI - G/L account balance and open/line item (restricted) [page 916]	Transactional data	File/Staging Table	FI
CO - Cost rate [page 782]	Master data	File/Staging Table	CO
CO - Activity type [page 961]	Master data	File/Staging Table	CO
FI - Bank account balance [page 784]	Transactional data	File/Staging Table	FI
FI - Cash memo record [page 995]	Transactional data	File/Staging Table	FIN-FSCM-CLM

Migration Object Name	Business Object Type	Migration Approach	Component
Bank [page 786]	Master data	File/Staging Table	FI
Batch unique at material and client level [page 788]	Master data	File/Staging Table	LO-BM
Batch unique at plant level [page 791]	Master data	File/Staging Table	LO-BM
Material BOM [page 795]	Master data	File/Staging Table	PP-BD
PM - Equipment BOM [page 887]	Master data	File/Staging Table	PM
PM - Functional location BOM [page 905]	Master data	File/Staging Table	PM
PSS - Product compliance info [page 885]	Master data	File/Staging Table	EHS-SUS
VC - Material variant [page 982]	Master data	File/Staging Table	LO-VC
QM - Inspection plan (deprecated) [page 927]	Master data	File/Staging Table	QM
PSS - Raw material compliance info [page 882]	Master data	File/Staging Table	EHS-SUS
Class hierarchy [page 809]	Master data	File/Staging Table	CA-CL
Characteristic [page 801]	Master data	File/Staging Table	CA-CL
Class [page 807]	Master data	File/Staging Table	CA-CL
Object classification - General template [page 813]	Master data	File/Staging Table	CA-CL
PSS - Substance [page 1079]	Master data	File/Staging Table	EHS-SUS
Condition contract [page 826]	Master data	File/Staging Table	LO-AB
Consent [page 835]	Transactional data	File/Staging Table	CA-GTF-CON
CO - Cost center [page 954]	Master data	File/Staging Table	CO
Customer - extend existing record by Credit Management data [page 848]	Master data	File/Staging Table	SD

Migration Object Name	Business Object Type	Migration Approach	Component
Customer - extend existing record by Thailand branch code [page 846]	Master data	File/Staging Table	SD
Customer [page 852]	Master data	File/Staging Table	SD
Customer - extend existing record by new org levels [page 839]	Master data	File/Staging Table	SD
SD - Customer Material [page 850]	Master data	File/Staging Table	SD
Document info record [page 867]	Master data	File/Staging Table	CA-DMS
PM - Equipment [page 892]	Master data	File/Staging Table	PM
Exchange rate [page 895]	Master data	File/Staging Table	FI
FI - Historical balance (restricted) [page 921]	Transactional data	File/Staging Table	FI
Fixed asset (incl. balances and transactions) [page 896]	Master data Transactional data	File/Staging Table	FI-AA
PM - Functional location [page 907]	Master data	File/Staging Table	PM
QM/PM - Catalog code group/code [page 1052]	Master data	File/Staging Table	QM
QM - Inspection method [page 925]	Master data	File/Staging Table	QM
EFD - Reinf report [page 877]	Transactional data	File/Staging Table	FI-LOC-FI-BR
QM - Selected set [page 1071]	Master data	File/Staging Table	QM
EHS - Location hierarchy [page 879]	Master data	File/Staging Table	EHS-SUS-FND
JIT - Package group [page 1004]	Master data	File/Staging Table	LE-JIT
JIT - Supply control [page 1006]	Master data	File/Staging Table	LE-JIT
EHS - Location [page 880]	Master data	File/Staging Table	EHS-SUS-FND
QM - Selected set code [page 1073]	Master data	File/Staging Table	QM

Migration Object Name	Business Object Type	Migration Approach	Component
QM - Master inspection characteristic [page 1000]	Master data	File/Staging Table	QM
CO - Internal order [page 934]	Transactional data	File/Staging Table	CO
Legal transaction [page 957]	Transactional data	File/Staging Table	LCM-GF
PM - Maintenance item [page 963]	Master data	File/Staging Table	PM
PM - Maintenance notification [page 874]	Transactional data	File/Staging Table	PM
PM - Maintenance plan [page 965]	Master data	File/Staging Table	PM
PM - Equipment task list [page 889]	Master data	File/Staging Table	PM
PM - Functional location task list [page 902]	Master data	File/Staging Table	PM
PM - General maintenance task list [page 909]	Master data	File/Staging Table	PM
JIT - Customer [page 1003]	Master data	File/Staging Table	LE-JIT
Material (deprecated) [page 985]	Master data	File/Staging Table	LO
Material inventory balance [page 936]	Transactional data	File/Staging Table	MM-IM
PM - Measuring point [page 872]	Master data	File/Staging Table	PM
Condition record for pricing (general template) [page 829]	Master data	File/Staging Table	SD
Condition record for pricing in purchasing (restricted) [page 997]	Master data	File/Staging Table	MM-PUR
Condition record for pricing in sales (restricted) [page 1066]	Master data	File/Staging Table	SD

Migration Object Name	Business Object Type	Migration Approach	Component
Material - Forecast planning [page 969]	Master data	File/Staging Table	MM
Material- extend exist record by new org levels (deprecated) [page 971]	Master data	File/Staging Table	LO
Material inspection setup [page 932]	Master data	File/Staging Table	QM
Material - extend existing record with long text [page 979]	Master data	File/Staging Table	MM
Product classification - Commodity code [page 967]	Master data	File/Staging Table	SLL-ITR-CLS
Xceptional case -Mat price chng for global curr (deprecated) [page 993]	Master data	File/Staging Table	CO-PC-ACT
Product classification - Legal control [page 977]	Master data	File/Staging Table	SLL-ITR-CLS
Product consumption [page 1020]	Transactional data	File/Staging Table	MM
Production version [page 1036]	Master data	File/Staging Table	PP
CO - Profit center [page 1018]	Master data	File/Staging Table	CO
PS - Network [page 1039]	Transactional data	File/Staging Table	PS
PS - Project [page 1040]	Transactional data	File/Staging Table	PS
PS - WBS element [page 1125]	Transactional data	File/Staging Table	PS
MM - Purchase contract [page 836]	Transactional data	File/Staging Table	MM-PUR
MM - Purchase order (only open PO) [page 1048]	Transactional data	File/Staging Table	MM-PUR
MM - Purchase scheduling agreement [page 1062]	Transactional data	File/Staging Table	MM-PUR

Migration Object Name	Business Object Type	Migration Approach	Component
MM - Purchasing info record-extend existing record [page 1042]	Master data	File/Staging Table	MM-PUR
MM - Purchasing info record with conditions [page 1045]	Master data	File/Staging Table	MM-PUR
Routing [page 1055]	Master data	File/Staging Table	PP
SD - Sales contract [page 1069]	Transactional data	File/Staging Table	SD
SD - Material determination [page 983]	Master data	File/Staging Table	SD
SD - Sales order (only open SO) [page 1059]	Transactional data	File/Staging Table	SD
Software/Hardware constraint [page 1081]	Master data	File/Staging Table	PLM-ESD-ESC
MM - Source list [page 1077]	Master data	File/Staging Table	MM-PUR
Supplier - extend existing record by Thailand branch code [page 1115]	Master data	File/Staging Table	MM
Supplier [page 1117]	Master data	File/Staging Table	MM
Supplier - extend existing record by new org levels [page 1107]	Master data	File/Staging Table	MM
VC - Configuration profile [page 832]	Master data	File/Staging Table	LO-VC
Work center/Resource [page 1127]	Master data	File/Staging Table	PP
TRM - Commercial paper [page 1083]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Deposit at notice [page 1086]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - FX option [page 1089]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Foreign exchange swap - contract [page 1092]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Foreign exchange collar - contract [page 1094]	Transactional data	File/Staging Table	FIN-FSCM-TRM

Migration Object Name	Business Object Type	Migration Approach	Component
TRM - Foreign exchange spot/forward transaction - contract [page 1097]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
TRM - Interest rate instrument [page 1101]	Transactional data	File/Staging Table	FIN-FSCM-TRM
TRM - Position value [page 1105]	Transactional data	File/Staging Table	FIN-FSCM-TRM-TM
VC - Characteristics group [page 805]	Master data	File/Staging Table	LO-VC
FI - SEPA Mandate [page 177]	Master data	Direct Transfer - ERP	FI-AR
RE-FX - Architectural object [page 386]	Master data	Direct Transfer - ERP	RE-FX-BD
Batch unique at material and client level [page 79]	Master data	Direct Transfer - ERP	LO-BM
Batch unique at plant level [page 76]	Master data	Direct Transfer - ERP	LO-BM
FI - Accounts payable open item (classic G/L) [page 157]	Transactional data	Direct Transfer - ERP	FI
FI - Accounts payable open item (new G/L) [page 160]	Transactional data	Direct Transfer - ERP	FI
RE-FX - Building [page 389]	Master data	Direct Transfer - ERP	RE-FX-BD
RE-FX - Business entity [page 392]	Master data	Direct Transfer - ERP	RE-FX
Business partner [page 83]	Master data	Direct Transfer - ERP	AP-MD-BP
Catalog code group and code [page 86]	Master data	Direct Transfer - ERP	QM
Characteristic [page 89]	Master data	Direct Transfer - ERP	CA-CL
Class [page 92]	Master data	Direct Transfer - ERP	CA-CL
Condition contract [page 95]	Master data	Direct Transfer - ERP	LO-AB
Customer [page 98]	Master data	Direct Transfer - ERP	SD
SD - Customer material [page 407]	Master data	Direct Transfer - ERP	SD
SD - Customer quotation [page 404]	Transactional data	Direct Transfer - ERP	SD
ECM - Change master [page 137]	Master data	Direct Transfer - ERP	PLM-PLC

Migration Object Name	Business Object Type	Migration Approach	Component
PM - Equipment [page 281]	Master data	Direct Transfer - ERP	PM
PM - Equipment BOM [page 298]	Master data	Direct Transfer - ERP	PM
PM - Equipment task list [page 285]	Master data	Direct Transfer - ERP	PM
Fixed asset (including balance) [page 180]	Transactional data	Direct Transfer - ERP	FI-AA
CO - Activity type group [page 106]	Master data	Direct Transfer - ERP	CO
CO - Activity type [page 104]	Master data	Direct Transfer - ERP	CO
CO - Cost rate [page 121]	Master data	Direct Transfer - ERP	CO-OM
CO - Business process [page 109]	Master data	Direct Transfer - ERP	CO-OM-ABC
CO - Business process group [page 111]	Master data	Direct Transfer - ERP	CO-OM-ABC
CO - Cost center [page 114]	Master data	Direct Transfer - ERP	CO
CO - Cost center group [page 116]	Master data	Direct Transfer - ERP	CO
CO - Cost element group [page 119]	Master data	Direct Transfer - ERP	CO
CO - Internal order [page 124]	Transactional data	Direct Transfer - ERP	CO
CO - Profit center [page 127]	Master data	Direct Transfer - ERP	CO
CO - Profit center group [page 129]	Master data	Direct Transfer - ERP	CO
CO - Secondary cost element [page 132]	Master data	Direct Transfer - ERP	CO
CO - Statistical key figure (ERP) [page 135]	Master data	Direct Transfer - ERP	CO
FI - G/L account balance (classic G/L) [page 145]	Transactional data	Direct Transfer - ERP	FI
FI - G/L account balance (new G/L) [page 148]	Transactional data	Direct Transfer - ERP	FI
FI - Bank account [page 169]	Master data	Direct Transfer - ERP	FI
Bank [page 81]	Master data	Direct Transfer - ERP	FI
FI - Accounts receivable open item (classic GL) [page 163]	Transactional data	Direct Transfer - ERP	FI

Migration Object Name	Business Object Type	Migration Approach	Component
FI - Accounts receivable open item (new G/L) [page 166]	Transactional data	Direct Transfer - ERP	FI
Exchange rate [page 140]	Master data	Direct Transfer - ERP	FI
FI - G/L account [page 143]	Master data	Direct Transfer - ERP	FI
FI - House bank [page 172]	Master data	Direct Transfer - ERP	FI
FI - G/L open item (classic G/L) [page 151]	Transactional data	Direct Transfer - ERP	FI
FI - Ledger group-specific open item [page 174]	Transactional data	Direct Transfer - ERP	FI
FI - G/L open item (new G/L) [page 154]	Transactional data	Direct Transfer - ERP	FI
TRM - Additional flow [page 416]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Bank guarantee [page 419]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Business partner role [page 423]	Master data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Commercial paper [page 426]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Condition detail [page 185]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Facility [page 188]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Fixed term deposit [page 191]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Foreign exchange collar contract [page 199]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - FX option [page 195]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Foreign exchange spot/forward contract [page 429]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Foreign exchange swap contract [page 202]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Interest rate instrument [page 433]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Investment certificate [page 206]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Letter of credit [page 210]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM

Migration Object Name	Business Object Type	Migration Approach	Component
TRM - Main flow detail [page 213]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Interest rate swap [page 216]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Payment detail [page 219]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Security bond [page 436]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Security class [page 440]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Stock [page 443]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
PM - Functional location [page 288]	Master data	Direct Transfer - ERP	PM
PM - Functional location BOM [page 291]	Master data	Direct Transfer - ERP	PM
PM - Functional location task list [page 294]	Master data	Direct Transfer - ERP	PM
Object classification (general template) [page 278]	Master data	Direct Transfer - ERP	CA
PM - General maintenance task list [page 300]	Master data	Direct Transfer - ERP	PM
QM - Selected set code [page 380]	Master data	Direct Transfer - ERP	QM
QM - Selected set [page 378]	Master data	Direct Transfer - ERP	QM
QM - Inspection method [page 364]	Master data	Direct Transfer - ERP	QM
QM - Inspection plan [page 367]	Master data	Direct Transfer - ERP	QM
QM - Material inspection setup [page 373]	Master data	Direct Transfer - ERP	QM
JVA - Joint venture master (step 1) [page 46]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Cost center suspense [page 223]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Joint operating agreement (step 1) [page 228]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Joint venture partner [page 230]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Order suspense [page 225]	Master data	Direct Transfer - ERP	CA-JVA

Migration Object Name	Business Object Type	Migration Approach	Component
JVA - Project suspense [page 233]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Venture suspense [page 235]	Master data	Direct Transfer - ERP	CA-JVA
RE-FX - Land [page 395]	Master data	Direct Transfer - ERP	RE-FX-BD
PM - Maintenance item [page 320]	Master data	Direct Transfer - ERP	PM
PM - Maintenance notification [page 314]	Transactional data	Direct Transfer - ERP	PM
PM - Maintenance order [page 310]	Transactional data	Direct Transfer - ERP	PM
PM - Maintenance plan [page 317]	Master data	Direct Transfer - ERP	PM
QM - Master inspection characteristic [page 370]	Master data	Direct Transfer - ERP	QM
Product [page 354]	Master data	Direct Transfer - ERP	LO
PP - Material BOM [page 337]	Master data	Direct Transfer - ERP	PP-BD
MM - Material commodity [page 244]	Master data	Direct Transfer - ERP	LO-MD-MM
MM - Material consumption [page 247]	Master data	Direct Transfer - ERP	MM
MM - Material inventory balance [page 238]	Transactional data	Direct Transfer - ERP	MM-IM
PP - Material MRP assignment [page 323]	Master data	Direct Transfer - ERP	PP-MRP
PM - Measurement document [page 307]	Master data	Direct Transfer - ERP	PM-EQM-SF-MPC
PM - Measuring point [page 304]	Master data	Direct Transfer - ERP	PM
PP - Production resource/tool [page 331]	Master data	Direct Transfer - ERP	PP
PP - Planned independent requirement [page 340]	Transactional data	Direct Transfer - ERP	PP-MRP
Pricing condition (purchasing and sales) [page 351]	Master data	Direct Transfer - ERP	SD MM-PUR
PP - Production order [page 328]	Transactional data	Direct Transfer - ERP	PP
PP - Production version [page 343]	Master data	Direct Transfer - ERP	PP

Migration Object Name	Business Object Type	Migration Approach	Component
PS - Project [page 360]	Transactional data	Direct Transfer - ERP	PS
PS - Network [page 358]	Transactional data	Direct Transfer - ERP	PS
MM - Purchase order [page 268]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Purchase requisition (only open PR) [page 272]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Purchase contract [page 250]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Purchasing info record [page 253]	Master data	Direct Transfer - ERP	MM-PUR
QM - Quality info record [page 375]	Master data	Direct Transfer - ERP	QM
MM - Quota arrangement [page 275]	Transactional data	Direct Transfer - ERP	MM-PUR
RE-FX - Real estate contract [page 383]	Transactional data	Direct Transfer - ERP	RE-FX
RE-FX - Rental object [page 398]	Master data	Direct Transfer - ERP	RE-FX
PP - Routing [page 333]	Master data	Direct Transfer - ERP	PP
SD - Sales contract [page 409]	Transactional data	Direct Transfer - ERP	SD
SD - Sales inquiry [page 401]	Transactional data	Direct Transfer - ERP	SD
SD - Sales order (only open SO) [page 413]	Transactional data	Direct Transfer - ERP	SD
PP - Sales order BOM [page 345]	Master data	Direct Transfer - ERP	PP-BD
MM - Purchase scheduling agreement [page 256]	Transactional data	Direct Transfer - ERP	MM-PUR
MM - Service entry sheet [page 260]	Transactional data	Direct Transfer - ERP	MM
MM - Service master [page 263]	Master data	Direct Transfer - ERP	MM-SRV
MM - Source list [page 265]	Master data	Direct Transfer - ERP	MM-PUR
VC - Configuration profile [page 446]	Master data	Direct Transfer - ERP	LO-VC
MM - Material variant [page 242]	Master data	Direct Transfer - ERP	LO-VC
VC - Object dependency and dependency net [page 449]	Master data	Direct Transfer - ERP	LO-VC

Migration Object Name	Business Object Type	Migration Approach	Component
Supplier [page 452]	Master data	Direct Transfer - ERP	MM
PP - Work breakdown structure BOM [page 348]	Master data	Direct Transfer - ERP	PP
PP - Work center [page 325]	Master data	Direct Transfer - ERP	PM
JVA - Joint operating agreement (step 2) [page 44]	Master data	Direct Transfer - ERP	CA-JVA
JVA - Joint venture master (step 2) [page 50]	Master data	Direct Transfer - ERP	CA-JVA
TRM - Cap/Floor [page 58]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
TRM - Deposit at notice [page 62]	Transactional data	Direct Transfer - ERP	FIN-FSCM-TRM-TM
Document info record (DMS) [page 29]	Master data	Direct Transfer - ERP	CA-DMS
VC - Variant table structure [page 74]	Master data	Direct Transfer - ERP	LO-VC
VC - Variant table entry [page 71]	Transactional data	Direct Transfer - ERP	LO-VC
JIT - Customer [page 41]	Master data	Direct Transfer - ERP	LE-JIT
EHS - Location [page 34]	Master data	Direct Transfer - ERP	EHS-SUS-FND
EHS - Location hierarchy [page 36]	Master data	Direct Transfer - ERP	EHS-SUS-FND
VC - Assign global dependency to characteristic [page 66]	Master data	Direct Transfer - ERP	CA-CL
Product classification (legal control) [page 53]	Master data	Direct Transfer - ERP	SLL-ITR-CLS
RE-FX - Business partner role [page 55]	Master data	Direct Transfer - ERP	AP-MD-BP
VC - Interface design (characteristic group) [page 69]	Master data	Direct Transfer - ERP	LO-VC
VC - Assign global dependency to class [page 39]	Master data	Direct Transfer - ERP	CA-CL
Recipe [page 21]	Master data	Direct Transfer - ERP	PP-PI-MD-MRC
FSCM - Credit management role [page 26]	Master data	Direct Transfer - ERP	FIN-FSCM-C
PP - Work center hierarchy [page 24]	Master data	Direct Transfer - ERP	PP-BD-WKC

Migration Object Name	Business Object Type	Migration Approach	Component
AFS - Article [page 485]	Master data	Direct Transfer - AFS	IS-AFS-MM LO-FSH
Batch unique at plant level [page 526]	Master data	Direct Transfer - AFS	LO-BM
AFS - Dimensional characteristic [page 498]	Master data	Direct Transfer - AFS	CA-CL
AFS - Non-dimensional characteristic [page 504]	Master data	Direct Transfer - AFS	CA-CL
AFS - Configuration class for material grid [page 492]	Master data	Direct Transfer - AFS	IS-AFS-BD
Customer [page 562]	Master data	Direct Transfer - AFS	SD
AFS - Distribution curve [page 489]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Distribution curve condition [page 494]	Master data	Direct Transfer - AFS	IS-AFS-BD
ECM - Change master [page 567]	Master data	Direct Transfer - AFS	PLM-PLC
PM - Equipment [page 636]	Master data	Direct Transfer - AFS	PM
Fixed asset (including balance) [page 572]	Transactional data	Direct Transfer - AFS	FI-AA
CO - Activity type group [page 530]	Master data	Direct Transfer - AFS	CO
CO - Activity type [page 528]	Master data	Direct Transfer - AFS	CO
CO - Cost rate [page 533]	Master data	Direct Transfer - AFS	CO-OM
CO - Business process [page 536]	Master data	Direct Transfer - AFS	CO-OM-ABC
CO - Business process group [page 538]	Master data	Direct Transfer - AFS	CO-OM-ABC
CO - Cost center [page 541]	Master data	Direct Transfer - AFS	CO
CO - Cost center group [page 543]	Master data	Direct Transfer - AFS	CO
CO - Cost element group [page 546]	Master data	Direct Transfer - AFS	CO
CO - Internal order [page 548]	Transactional data	Direct Transfer - AFS	CO
CO - Profit center [page 551]	Master data	Direct Transfer - AFS	CO
CO - Profit center group [page 554]	Master data	Direct Transfer - AFS	CO

Migration Object Name	Business Object Type	Migration Approach	Component
CO - Secondary cost element [page 556]	Master data	Direct Transfer - AFS	CO
CO - Statistical key figure [page 559]	Master data	Direct Transfer - AFS	CO
FI - G/L account balance (classic G/L) [page 594]	Transactional data	Direct Transfer - AFS	FI
FI - G/L account balance (new G/L) [page 597]	Transactional data	Direct Transfer - AFS	FI
FI - Bank account [page 589]	Master data	Direct Transfer - AFS	FI
Bank [page 523]	Master data	Direct Transfer - AFS	FI
FI - Accounts receivable open item (classic GL) [page 577]	Transactional data	Direct Transfer - AFS	FI
FI - Accounts receivable open item (new G/L) [page 580]	Transactional data	Direct Transfer - AFS	FI
Exchange rate [page 570]	Master data	Direct Transfer - AFS	FI
FI - G/L account [page 591]	Master data	Direct Transfer - AFS	FI
FI - House bank [page 606]	Master data	Direct Transfer - AFS	FI
FI - G/L open item (classic G/L) [page 600]	Transactional data	Direct Transfer - AFS	FI
FI - Ledger group specific open item [page 608]	Transactional data	Direct Transfer - AFS	FI
FI - G/L open item (new G/L) [page 603]	Transactional data	Direct Transfer - AFS	FI
FI - Accounts payable open item (classic G/L) [page 583]	Transactional data	Direct Transfer - AFS	FI
FI - Accounts payable open item (new G/L) [page 586]	Transactional data	Direct Transfer - AFS	FI
Object classification (general template) [page 611]	Master data	Direct Transfer - AFS	CA
PP - Material BOM [page 639]	Master data	Direct Transfer - AFS	PP-BD
MM - Material inventory balance [page 614]	Transactional data	Direct Transfer - AFS	MM-IM
AFS - Planned independent requirement at material level [page 510]	Transactional data	Direct Transfer - AFS	PP-MRP
AFS - Planned independent requirement at SKU level [page 501]	Transactional data	Direct Transfer - AFS	PP-MRP

Migration Object Name	Business Object Type	Migration Approach	Component
PP - Planned independent requirement [page 646]	Transactional data	Direct Transfer - AFS	PP-MRP
Pricing condition (purchasing and sales) [page 661]	Master data	Direct Transfer - AFS	SD MM-PUR
PP - Production order [page 651]	Transactional data	Direct Transfer - AFS	PP
PP - Production version [page 649]	Master data	Direct Transfer - AFS	PP
MM - Purchase order [page 621]	Transactional data	Direct Transfer - AFS	MM-PUR
MM - Purchase contract [page 618]	Transactional data	Direct Transfer - AFS	MM-PUR
MM - Purchasing info record [page 626]	Master data	Direct Transfer - AFS	MM-PUR
AFS - Quantity distribution profile [page 508]	Master data	Direct Transfer - AFS	IS-AFS-PP-MAN
PP - Routing [page 643]	Master data	Direct Transfer - AFS	PP
SD - Sales contract [page 664]	Transactional data	Direct Transfer - AFS	SD
SD - Sales order [page 667]	Transactional data	Direct Transfer - AFS	SD
PP - Sales order BOM [page 655]	Master data	Direct Transfer - AFS	PP-BD
MM - Purchase scheduling agreement [page 629]	Transactional data	Direct Transfer - AFS	MM-PUR
AFS - Season [page 513]	Master data	Direct Transfer - AFS	IS-AFS-SD
AFS - Segmentation default value [page 515]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Segmentation strategy [page 518]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Segmentation structure [page 521]	Master data	Direct Transfer - AFS	IS-AFS-BD
MM - Source list [page 633]	Master data	Direct Transfer - AFS	MM-PUR
Supplier [page 671]	Master data	Direct Transfer - AFS	MM
PP - Work center [page 658]	Master data	Direct Transfer - AFS	PM
Document info record (DMS) [page 469]	Master data	Direct Transfer - AFS	CA-DMS
Class [page 466]	Master data	Direct Transfer - AFS	CA-CL

Migration Object Name	Business Object Type	Migration Approach	Component
FI - SEPA Mandate [page 474]	Master data	Direct Transfer - AFS	FI-AR
VC - Assign global dependency to characteristic [page 480]	Master data	Direct Transfer - AFS	CA-CL
VC - Assign global dependency to class [page 482]	Master data	Direct Transfer - AFS	CA-CL
VC - Object dependency and dependency net [page 477]	Master data	Direct Transfer - AFS	LO-VC
AFS - Purchase grid condition record [page 458]	Master data	Direct Transfer - AFS	IS-AFS-BD
AFS - Sales grid condition record [page 460]	Master data	Direct Transfer - AFS	IS-AFS-SD
AFS - Value-added service [page 463]	Master data	Direct Transfer - AFS	IS-AFS-SD
Warehouse fixed bin assignments [page 679]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse storage bin [page 682]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse storage bin sorting [page 687]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse product [page 684]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse stock [page 690]	Master data	Direct Transfer - EWM	SCM-EWM
Warehouse application log settings [page 693]	Master data	Direct Transfer - EWM	SCM-EWM
Physical inventory settings [page 696]	Master data	Direct Transfer - EWM	SCM-EWM
Shipping and receiving settings [page 698]	Master data	Direct Transfer - EWM	SCM-EWM
Production supply area [page 701]	Master data	Direct Transfer - EWM	SCM-EWM
Resource and user maintenance [page 704]	Master data	Direct Transfer - EWM	SCM-EWM
Resource group and queue settings [page 706]	Master data	Direct Transfer - EWM	SCM-EWM
Resource execution settings [page 709]	Master data	Direct Transfer - EWM	SCM-EWM
Work center determinations [page 711]	Master data	Direct Transfer - EWM	SCM-EWM
Work center dependent settings [page 714]	Master data	Direct Transfer - EWM	SCM-EWM

Migration Object Name	Business Object Type	Migration Approach	Component
Material flow system [page 716]	Master data	Direct Transfer - EWM	SCM-EWM
Route [page 719]	Master data	Direct Transfer - EWM	SCM-EWM
Carrier profile [page 722]	Master data	Direct Transfer - EWM	SCM-EWM
Zone [page 724]	Master data	Direct Transfer - EWM	SCM-EWM
Zones hierarchy [page 727]	Master data	Direct Transfer - EWM	SCM-EWM
Condition records (warehouse dependent) [page 732]	Master data	Direct Transfer - EWM	SCM-EWM
Condition records (warehouse independent) [page 729]	Master data	Direct Transfer - EWM	SCM-EWM
CRM - Activities [page 676]	Transactional data	Direct Transfer - CRM	CRM-BTX-ACT
eSPP - Location [page 767]	Master data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Product [page 769]	Master Data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - MRP Area [page 772]	Master Data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Location Product [page 774]	Master Data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Transportation Lane [page 776]	Master Data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Bill of Distribution (BoD) [page 778]	Master Data	Direct Transfer - eSPP	SCM-BAS-MD
eSPP - Product BoD Assignment [page 780]	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.

ⓘ 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.

> **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.

> **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 896] 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 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.

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

> **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`

Name of the BAPI or BAPIs used in this migration object:

`CL_PPH_MASTER_RECIPE` (Master Recipe API)

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.

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.

1.2 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.

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 following migration objects:

- CO - Business process
- CO - Cost center
- CO - Internal order
- PP - Work center

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_PM_WORK_CENTER_HIERARCHY`

Name of the API or APIs used in this migration object:

`CRAP_HIERARCHY_CREATE` (API Hierarchy: Check Hierarchy)

Virtual Tables

`AS_CRHS`: To store the hierarchy structure

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*
Display	CR23

Further Information

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

1.3 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.

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`

Name of the BAPI or BAPIs used in this migration object:

`CMD_MIG_BP_CVI_CREATE` (RFC to create a new BP with CVI and new segments)

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.

1.4 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.

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
>
> 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)

> ⓘ 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

> ⓘ 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*

> ### 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:

> ### 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

> ### 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`

Name of the BAPI used in this migration object:

`BAPI_DOCUMENT_CREATE2` Create Document

Virtual Tables

`AS_LONGTEXTS`: To store long texts for DIR

Note that virtual tables do not exist in the database.

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.

1.5 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.

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

> ⓘ 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`

Name of the API used in this migration object:

`EHFND_API_LOC_IMPORT`: API for Import of Location data

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.

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*
Create/Change/Display	Incident Management

Further Information

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

1.6 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.

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`

Name of the API used in this migration object:

`EHFND_API_LHR_IMPORT`: Location Hierarchy Migration

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*
Create	Incident Management
Change	Incident Management
Display	Incident Management

Further Information

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

1.7 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.

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 KLAHtable.

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

> **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`

Names of the APIs used in this migration object:

- `BAPI_CLASS_ALLOC_GLOB_DEP` BAPI Klasse globales Beziehungwissen zuordnen
- `CLCM_CLASS_FEATURE_KNOWL_VAL_O` Overwrite Dependencies for Characteristic Value of Class

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.

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	CL01
Change	CL02
Display	CL03

Further Information

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

1.8 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

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`

Name of the API used in this migration object:

`NJIT_MIG_CUSTOMER` (Just-In-Time Customer Migration)

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

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.

1.9 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..

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`

Name of the API used in this migration object:

`DMC_MIG_JVA_JOA` Joint Operating Agreement Migration

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.

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	GJA1
Change	GJA2
Display	GJA3

Further Information

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

1.10 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.

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

> **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`

Name of the API used in this migration object:

`DMC_MIG_JVA_VENTURE` Joint Venture API

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*
Create	GJVV
Change	GJVV
Display	GJVV

Further Information

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

1.11 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.

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)

> ⓘ 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`

Name of the API used in this migration object:

`DMC_MIG_JVA_VENTURE` Joint Venture API

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

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*
Create	GJVV
Change	GJVV
Display	GJVV

Further Information

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

1.12 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.

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`

Name of the API used in this migration object:

`/SAPSLL/LEGCON_CLS_MIGR_BAPI` Migration of Legal Control Classification

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.

1.13 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.

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
- Creditworthiness data
  - Credit standings
  - Status of credit standing information
  - Affidavits
  - Launch bankruptcy proceedings
  - Foreclosures
- Financial reporting data
- Employment data
- Additional information
- Additional names
- Fiscal year data

Out of Scope

- Company code specific data
- Fiscal data
- Tax compliance data
- Creditworthiness data
  - Date of credit standing information
  - Additional credit standing information
  - Institutes providing credit standing information
  - Ratings

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`

Name of the API used in this migration object:

`CMD_MIG_BP_CVI_CREATE` Migration interface for BP and CVI

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	BP
Change	BP
Display	BP

Further Information

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

1.14 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.

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

> ⓘ 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

> ### 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.

> ### 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:

- Business partner
- 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`

Name of the BAPI or BAPIs used in this migration object:

`BAPI_FTR_CAPFLOOR_CREATE`: Create OTC Interest Rate Derivative Cap/Floor

`BAPI_FTR_SETTLE`: Settle Financial Transaction

Name of the API or APIs used in this migration object:

`CNV_OT_APPL_FI_TRM_MAINFLOW`: Update BAPI for TRM Main Flow Details

Virtual Tables

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

Note that virtual tables do not exist in the database.

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*
Create	FTR_CREATE
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.15 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.

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
- Other flows
- Payment details

Out of Scope

- Correspondence data
- Default risk limit
- Analysis parameter data
- Trade repository

Note that the information given here is not exhaustive.

> **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:

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

Names of the BAPIs used in this migration object:

BAPI_FTR_DAN_CREATE Create Deposit at Notice

BAPI_FTR_DAN_SETTLE Settle Deposit at Notice

BAPI_FTR_DAN_ROLLOVER Roll Over Deposit at Notice

BAPI_FTR_DAN_SETTLE Settle Deposit at Notice

BAPI_FTR_CONDITION_CHANGE RFC for Method Condition Change

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.

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*
Create	FTR_CREATE, TM11
Change	FTR_EDIT, TM12
Display	FTR_EDIT, TM13

Further Information

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

1.16 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.

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`

Name of the API used in this migration object:

`CNV_PE_S4_CA_CHAR_GLOB_OBJ_DEP` Wrapper for Global Object Dependency Allocation for Characteristics

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.

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/Change/Display	CT04

Further Information

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

1.17 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.

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`

Name of the BAPI used in this migration object:

`BAPI_UI_SAVEM` Create or Change 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.

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	CU42,CU50
Change	CU42, CU50
Display	CU43, CU50

Further Information

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

1.18 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.

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`

Names of the APIs used in this migration object:

`CARD_TABLE_READ_ENTRIES` Variant Tables - External APIs

`VCH_TABLE_MAINTAIN_ENTRIES` Wrapper API for Variant Table Entries Maintenance

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.

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	CU60
Change	CU60
Display	CU60

Further Information

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

1.19 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.

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

> **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`

Name of the API used in this migration object:

`VCH_TABLE_MAINTAIN_STRUCTURE` (Wrapper API for variant table maintenance)

Virtual Tables

`AS_CUVTAB_IND`: To handle value assignment alternatives

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	CU61
Change	CU62
Display	CU63

Further Information

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

1.20 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.

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
- Object classification (general template)
- 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`

Name of the BAPI used in this migration object:

`BAPI_BATCH_SAVE_REPLICA` BAPIs for Batch

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	MSC1N
Change	MSC2N
Display	MSC3N

Further Information

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

1.21 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.

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
- Object classification (general template)
- 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`

Name of the BAPI used in this migration object:

`BAPI_BATCH_SAVE_REPLICA` BAPIs for Batch

Post-Processing

Follow-On Activities

Nor 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	MSC1N
Change	MSC2N
Display	MSC3N

Further Information

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

1.22 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.

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`

Name of the BAPI used in this migration object:

`BAPI_BANK_CREATE` Create Bank

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	FI01
Change	FI02
Display	FI03

Further Information

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

1.23 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.

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.

> ### Note
>
> By default, business partners with all of the following roles are selected for migration:
>
> - Customer
> - Vendor
> - Customer and vendor
>
> 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`

Name of the BAPI used in this migration object:

`CMD_MIG_BP_CVI_CREATE` RFC for Creating New BP with CVI and New Segments Insertion

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	BP
Change	BP
Display	BP

Further Information

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

1.24 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.

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.

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`

Name of the BAPI used in this migration object:

`BAPI_QPGR_SAVEREPLICA` Replication of QM Code Groups/Catalogs

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 / Edit	QS41
Display	QS42

Further Information

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

1.25 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.

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**
>
> 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

> ⓘ 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
- Assignment of global dependencies
- Advanced variant configuration for dependencies

> ⓘ 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:

- CA - 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`

Name of the API used in this migration object:

`BAPI_CHARACT_CREATE` BAPI for Characteristics - Create

`BAPI_CHARACT_CHANGE` BAPI for Characteristics - Change

`CTMV_CHARACT_CHANGE_KNOWL` API Function: Maintaining object dependencies for characteristics

`CTMV_CHARACT_CHANGE_KNOWL_VAL` API Function: Maintaining object dependencies for 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.

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	CT04
Change	CT04
Display	CT04

Further Information

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

1.26 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.

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

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
- Linkages between class and document
- 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

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`

Name of the APIs used in this migration object:

`BAPI_CLASS_CREATE` Create Class BAPI

`BAPI_CLASS_CHANGE` BAPI Change Class

`BAPI_CLASS_MAINT_LOCAL_DEP` BAPI Klasse lokales Beziehungswissen zuordnen / löschen

`CLCM_CLASS_FEATURE_KNOWL_VAL_O` Overwrite Dependencies for Characteristic Value of Class

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 characteristic overwritten values for classes
- `AS_CLS_OVRWR_DSCR`: To handle characteristic overwritten descriptions for classes

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	CL01
Change	CL02
Display	CL03

Further Information

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

1.27 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).

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`

Name of the BAPI used in this migration object:

`BAPI_CONDITION_CONTRACT_CREATE` Create 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.

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	WCOCO
Change	WCOCO
Display	WCOCO

Further Information

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

1.28 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.

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**
>
> - 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.
- 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`

Name of the API used in this migration object:

`CMD_MIG_BP_CVI_CREATE` RFC for Creating New BP with CVI and New Segments Insertion

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)**

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.

1.29 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.

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`

Name of the BAPI used in this migration object:

`BAPI_ACTTYPE_CREATEMULTIPLE` Create One or More Activity Types

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	KL01
Change	KL02
Display	KL03

Further Information

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

1.30 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.

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.

> ⓘ 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

> ⓘ 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 BAPIs used in this migration object:

Target System

`BAPI_ACTIVITYTYPEGRP_CREATE` Object BUS1115 (Activity Type Group) - Method Create

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.

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	KLH1
Change	KLH2
Display	KLH3

Further Information

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

1.31 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.

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`

Name of the BAPI used in this migration object:

`BAPI_PROCESS_CREATEMULTIPLE`: Create One or More Business Processes

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	CP01
Change	CP02
Display	CP03

Further Information

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

1.32 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.

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

> ⓘ 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`

Name of the BAPI used in this migration object:

`BAPI_BUSPROCESSCOGRP_CREATE` Object BUS1114 (Business Process Group) - Method Create

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	CPH1
Change	CPH2
Display	CPH3

Further Information

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

1.33 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* 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

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`

Name of the BAPI used in this migration object:

`BAPI_COSTCENTER_CREATEMULTIPLE` Create Cost Center

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	KS01
Change	KS02
Display	KS03

Further Information

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

1.34 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.

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)

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`

Name of the BAPI used in this migration object:

`BAPI_COSTCENTERGROUP_CREATE` Object BUS1112 (Cost Center Group) - Method Create

Virtual Tables

`TAB_NODES`: To store the nodes of the standard hierarchy

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	KSH1
Change	KSH2
Display	KSH3

Further Information

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

1.35 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.

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_COSTELEMENTGRP_CREATE`: Create 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.

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	KAH1
Change	KAH2
Display	KAH3

Further Information

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

1.36 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.

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

> **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

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`

Name of the BAPI used in this migration object:

`BAPI_COSTACTPLN_CHECKACTOUTPUT`: Activity/Price Planning: Check

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

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	KP26
Change	KP26
Display	KP27

Further Information

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

1.37 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

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

> **Note**
>
> After migration, all internal orders are set to the **Created** status regardless of the status in the source 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:

- 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

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.

> **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`

Name of the BAPI used in this migration object:

`BAPI_INTERNALORDER_CREATE` Create Internal Order from Transferred Data

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.

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	KO01
Change	KO02
Display	KO03

Further Information

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

1.38 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.

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`

Name of the BAPI used in this migration object:

`BAPI_PROFITCENTER_CREATE` Create Profit Center

> **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`.

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	KE51
Change	KE52
Display	KE53

Further Information

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

1.39 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.

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)

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`

Name of the BAPI used in this migration object:

`BAPI_PROFITCENTERGRP_CREATE`: Object BUS1116 (Profit Center Group) - Method Create

Virtual Tables

`TAB_NODES`: To store nodes of the standard hierarchy

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	KCH1
Change	KCH2
Display	KCH3

Further Information

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

1.40 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.

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`

Name of the APIs used in this migration object:

`GL_ACCT_MASTER_SAVE` G/L Account Master Record

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**

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	FS00

Change	FS00
Display	FS00

Further Information

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

1.41 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.

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 in one of 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`

Name of the BAPI used in this migration object:

`BAPI_KEYFIGURE_CREATEMULTIPLE` Create One or More Statistical Key Figures

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	KK01
Change	KK02
Display	KK03

Further Information

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

1.42 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

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_ECN_CREATE` BAPI ECN Create

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.

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	CC01
Change	CC02
Display	CC03

Further Information

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

1.43 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.

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`

Name of the BAPI used in this migration object:

`BAPI_EXCHRATE_CREATEMULTIPLE` Insert One or More Exchange Rates in SAP Tables

Virtual Tables

`AT_FACTORS` : To create structures for the migration BAPI

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.

1.44 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.

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.

> **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 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

Name of the API used in this migration object:

GL_ACCT_MASTER_SAVE G/L account master: Check and save

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	FS00
Change	FS00
Display	FS00

Further Information

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

1.45 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)

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

> **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:

- 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST`: Mass Maintenance for Material Master Data

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance 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*
Display	FS10N

Further Information

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

1.46 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)

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.

> **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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting Posting

Virtual Tables

FLTR_TOTALS: To store cumulative account balance 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 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.

1.47 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

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.

> ⓘ 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.

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-AA 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*
Create	FB50
Change	FB02
Display	FB03

Further Information

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

1.48 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

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.

> ⓘ 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

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-AA 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*
Create	FB50
Change	FB02
Display	FB03

Further Information

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

1.49 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.

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

> ### 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

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
- Material
- Vendor

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AP_OI_CLASSIC_GL`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*
Create	FB01
Change	FB02
Display	FB03

Further Information

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

1.50 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.

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

  > **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..

> **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

- 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

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

- CO - Secondary cost element
- CO - Cost center
- CO - Profit center
- Vendor
- Exchange rate
- Fixed asset (including balance)
- FI - House bank
- FI - G/L account

Roles and Authorizations

Source System

Not relevant

Target System

Not relevant

Technical Information

Name of this migration object: `S4_FI_AP_OI_NEW_GL`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*

Create	FB01
Change	FB02
Display	FB03

Further Information

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

1.51 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.

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

> ⓘ 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

> ⓘ 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 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`SEPA`: To store information for one-time SEPA mandates

Note that virtual tables do not exist in the database.

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*
Create	FB01
Change	FB02
Display	FB03

Further Information

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

1.52 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.

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

> **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

> **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 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
- 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`SEPA`: To store data related to one-time mandates

Note that virtual tables do not exist in the database.

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*
Create	FB01
Change	FB02
Display	FB03

Further Information

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

1.53 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.

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:

- FI - Bank
- FI - House bank

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`

Name of the BAPI used in this migration object:

`BAPI_FCLM_BAM_AMD_BNKANT` BAM Master Replication

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	FI12_HBANK
Change	FI12_HBANK
Display	FI13_HBANK

Further Information

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

1.54 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.

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 **FI - 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`

Name of the BAPI used in this migration object:

`BAPI_HOUSE_BANK_REPLICATE` House Bank and House Bank Account Replicate

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	FI12_HBANK
Change	FI12_HBANK
Display	FI13_HBANK

Further Information

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

1.55 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).

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

> **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.

> **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
- FI-AA 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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.

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*
Create	FB50L
Change	FB02
Display	FB03

Further Information

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

1.56 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.

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)

> ⓘ 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

> ⓘ 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

> ⓘ 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`

Name of the BAPI used in this migration object:

`SEPA_MANDATES_API_MIG_CREATE` Create Mandate (Migration Cockpit)

Virtual Tables

USE_SEPA_MANDATE: To process the SEPA mandate use data

Note that virtual tables do not exist in the database.

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*
Create	FSEPA_M1
Change	FSEPA_M2
Display	FSEPA_M3

Further Information

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

1.57 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".

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:

- Asset classes with an internal number assignment
- 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
- 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.

> ⓘ Note
>
> This migration object accumulates transaction values and transfers them as acquisition values with the transaction type "100".

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
- Proportional values on transactions
- External number assignment for assets

> ⓘ 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.

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. For example, if you want to set the transfer date in the month of November 2021, you need to set the date to November 30, 2021.
- You have closed the previous fiscal year in Asset Accounting.
- You have ensured that the transfer date is the end date of the period.

  > ### Example
  >
  > If you set the transfer date to September 22, 2018 (22.09.2018) on the Legacy Data Transfer tab, set the end date to September 30, 2018 (30.09.2018). If you enter any other date as the end date, the system displays a warning during simulation and migration.

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`

Name of the BAPI used in this migration object:

`BAPI_FIXEDASSET_OVRTAKE_CREATE` BAPI for Legacy Data Transfer

Virtual Tables

- `CUMULATEDVALUES`: To store cumulative values
- `POSTEDVALUES`: To store posted values
- `TRANSACTIONS`: To store transactions values

Note that virtual tables do not exist in the database.

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*
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.

1.58 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).

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 - Deposit at notice
- TRM - Interest rate swap

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

Name of the API used in this migration object:

CNV_OT_APPL_FI_TRM_COND_DETAIL: Update BAPI for TRM condition details

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

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	FTR_EDIT
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.59 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.

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.

> **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

> **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:

- Business partner
- CO - Cost center
- CO - Profit center
- FI - House bank
- FI - SEPA mandate

> **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`

Name of the BAPI used in this migration object:

`BAPI_FTR_FAC_DEALCREATE` Completely Create a Facility Transaction

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.

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*
Create	FTR_CREATE
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.60 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.

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. Create business partners, assign the corresponding roles to these partners, and define authorizations for relevant transactions.
2. Set the standing instructions (correspondence and payment details) and release the business partner.
3. Define the product type.

   > ### 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.

4. Define the transaction type

   > ### 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.

5. Define the flow type. Flow types describe the changes to the cash flows.
6. Assign flow types to transaction types.
7. Define the condition type. This setting controls the structural characteristics that are displayed when you create transactions. Example: Nominal Interest

You have also defined these settings in the target system:

- Relevant SEPA mandate IDs (if in use)
- House banks
- Master agreements

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

Name of the BAPIs used in this migration object:

BAPI_FTR_FTD_DEALCREATE Create Fixed Term Deposit

BAPI_FTR_SETTLE Settle Financial Transaction

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.

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*
Create	TM01
Change	TM02
Display	TM03

Further Information

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

1.61 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.

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

> ⓘ 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

Name of the BAPI used in this migration object:

BAPI_FTR_FXOPTIONS_DEALCREATE Create Currency Option Deal

Virtual Tables

- FOREX: To store details of the fields in the Forex structure.
- GENERALCONTRACTDATA: To store details of the fields in the General Contract Data structure.

Note that virtual tables do not exist in the database.

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*
Create	FTR_CREATE, TI4A
Change	FTR_EDIT

Display	FTR_EDIT

Further Information

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

1.62 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.

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

> **Note**
>
> Contracts with the status Terminate, Give Notice, Exercise, or Expiration are not migrated.

> **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
- FI - House bank
- FI - SEPA mandate
- TRM - Business partner roles

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`

Name of the BAPIs used in this migration object:

- `BAPI_FTR_CREATE_FXCOLLAR`: Create Currency Option
- `BAPI_FTR_SETTLE`: Settle Financial Transaction

Virtual Tables

- `FOREX`: To store amount data of mirror transactions, which is a part of the FX collar contract.
- `GENERALCONTRACTDATA`: 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.

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*
Create	TI4B
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.63 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.

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

> **Note**
>
> Transactions with the Rollover, Premature Settlement, or Expiration statuses are not migrated.

> **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

Name of the BAPIs used in this migration object:

BAPI_FTR_FXT_CREATESWAP Create a Foreign Currency Swap

BAPI_FTR_SETTLE Settle Financial Transaction

Virtual Tables

AT_VTBFHA: To store swap transaction data

Note that virtual tables do not exist in the database..

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*
Create	TX10
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.64 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).

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

> **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 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 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`

Name of the BAPIs used in this migration object:

- `BAPI_FTR_SECURITY_DEALCREATE` : Completely Create a Security Transaction
- `BAPI_FTR_SECURITY_SETTLE` : Settle Financial Transaction

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*
Create	TS01
Change	TS02
Display	TS03

Further Information

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

1.65 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.

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.

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

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

- 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.

  > ⓘ 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.

  > ⓘ 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 additionally defined these settings in the target system:

- Relevant SEPA mandate IDs (if in use)
- House banks
- Master agreements

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`

Names of the BAPIs used in this migration object:

`BAPI_FTR_LC_DEALCREATE` Create Letter of Credit Completely

`BAPI_FTR_SETTLE` Settle Financial Transaction

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	FTR_CREATE
Change	FTR_CHANGE
Display	FTR_DISPLAY

Further Information

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

1.66 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.

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`

Name of the BAPI used in this migration object:

`BAPI_FTR_MAINFLOW_CREATE`: Create Main Flow

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	FTR_EDIT
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.67 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.

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

> ⓘ 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

> ⓘ 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.

> ⓘ 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:

- Business Partner
- 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`

Name of the BAPI or BAPIs used in this migration object:

- `BAPI_FTR_SWAP_CREATE`: Create an OTC Interest Rate Derivative Swap
- `BAPI_FTR_SETTLE`: Settle Financial Transaction

Name of the API or APIs used in this migration object

`CNV_OT_APPL_FI_TRM_MF_IRS`: Update BAPI for TRM Mainflow Details (Interest Rate Swap)

Virtual Tables

`OTCINTRATESWAP`: To store the details of the interest rate swap structure.

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*
Create	FTR_CREATE
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.68 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.

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:

- Business partner
- 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

Name of the BAPI used in this migration object:

BAPI_FTR_PAYDET_CREATE: Create Payment Details

Virtual Tables

FLTR_PAY_DATA: To store payment details

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	FTR_EDIT
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.69 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.

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

Name of the API used in this migration object:

`DMC_MIG_JVA_COST_CENTER_SUSP`: Cost Center Suspense

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	GJ_SUS_CC
Change	GJ_SUS_CC
Display	GJ_SUS_CC_DISP

Further Information

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

1.70 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, 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.

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`

Name of the API used in this migration object:

`DMC_MIG_JVA_ORDER_SUSPENSE` : Joint Venture Order Suspense Master

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	GJ_SUS_ORD
Change	GJ_SUS_ORD
Display	GJ_SUS_ORD_DISP

Further Information

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

1.71 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..

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`

Name of the API used in this migration object:

`DMC_MIG_JVA_JOA` Joint Operating Agreement Migration

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	GJA1
Change	GJA2
Display	GJA3

Further Information

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

1.72 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.

Available Scenarios

Migration to SAP S/4HANA

Selection Criteria

All JV partners from the T8J0 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`

Name of the API used in this migration object:

`DMC_MIG_JVA_PARTNER` : JV Partner API

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	GJ2B
Change	GJ23
Display	GJ2A

Further Information

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

1.73 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.

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

Name of the BAPI used in this migration object:

`DMC_MIG_JVA_PROJECT_SUSPENSE` Joint Venture Project Suspense Master

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	GJ34
Change	GJ34
Display	GJ3A

Further Information

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

1.74 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.

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`

Name of the BAPI used in this migration object:

`DMC_MIG_JVA_VENTURE_SUSPENSE` Joint venture suspense master

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.

1.75 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).

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")

> **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
- 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`

Name of the BAPI used in this migration object:

`BAPI_GOODSMVT_CREATE` Post Goods Movements with MB_CREATE_GOODS_MOVEMENT

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.

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.

1.76 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.

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

> **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
- General classification assignments
- 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`

Name of the API used in this migration object:

`VCH_MATERIAL_CONFIG_CREATE` Creation of Configuration for Material Variants

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.

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*
Create	MM01
Change	MM02
Display	MM03

Further Information

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

1.77 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.

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

> **Note**
>
> Materials you set for deletion in the source ERP system are not migrated

Out of Scope

Not relevant

> ⓘ 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.

> ⓘ 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`

Name of the BAPI used in this migration object:

`SAPSLL_COMCO_CLS_MIGR_BAPI` Migrate Classification with Commodity Code

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*
Create	MM01
Change	MM02
Display	MM03 Choose the International Trade Import tab page

Further Information

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

1.78 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.

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

> **Note**
>
> The **Product** migration object needs to be migrated with forecast parameters to enable the forecasting view.

> **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

  > **Note**
  >
  > Overwriting leads to the system error: "Duplicate entries for parameter `FORECASTVALUES`"

> **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:

> ⓘ 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`

Name of the BAPI used in this migration object:

`BAPI_MATERIAL_SAVEREPLICA` Mass Maintenance for Material Master Data

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	MM01
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.

1.79 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.

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 EKK0 table for the derived purchasing organizations and for the central purchasing organizations.

> **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
- Item condition scale value data
- Conditions (1-dimensional value scale) data
- 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)

> **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

- Account profit segment data
- VAS items
- Extensions in
- 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
- Project definition
- 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:

`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`

Name of the BAPI used in this migration object:

`BAPI_CONTRACT_CREATE` BAPI to Create a Purchase 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.

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	ME31K
Change	ME32K
Display	ME33K

Further Information

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

1.80 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.

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

> **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`

Name of the API used in this migration object:

`ME_INFORECORD_MAINTAIN_MULTI` RFC Function Module to Create and Change Multiple Info Records

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.

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	ME11
Change	ME12
Display	ME13

Further Information

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

1.81 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.

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.

> ⓘ 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

> **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`

Name of the BAPI used in this migration object:

`BAPI_SAG_CREATE` Create a 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

Note that these 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	ME31L
Change	ME32L
Display	ME33L

Further Information

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

1.82 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.

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

> ⓘ 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 (only open PO)
- 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`

Name of the BAPI used in this migration object:

`BAPI_ENTRYSHEET_CREATE` Create 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.

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	ML81N
Change	ML81N
Display	ML82

Further Information

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

1.83 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).

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`

Name of the BAPI used in this migration object:

`BAPI_SERVICE_CREATE` Creation of a service master record

Virtual Tables

`HDR_TXT` : To handle service master long texts

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	AC01
Change	AC02
Display	AC03

Further Information

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

1.84 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.

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.

> **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`

Name of the BAPIs used in this migration object:

`ME_INITIALIZE_SOURCE_LIST` Initializes the source list

`ME_DIRECT_INPUT_SOURCE_LIST` Creates a source list and fills the mappings of the EORD table

`ME_POST_SOURCE_LIST_NEW` Posts the source list in the receiver system

> ⓘ Note
>
> The migration object stores the sequence of these BAPIs in a return evaluation class

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	ME01
Change	ME02
Display	ME03

Further Information

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

1.85 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.

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.

> **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
- 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 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`

Name of the BAPI used in this migration object:

`BAPI_PO_CREATE1` Create 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.

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	ME23N
Change	ME23N
Display	ME23N

Further Information

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

1.86 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.

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.

> **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)
- MM - Purchasing info record
- Product
- PS - Network
- 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:

- `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`

Name of the BAPI used in this migration object:

`BAPI_PR_CREATE` Create Enjoy 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.

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	ME51N
Change	ME51N
Display	ME51N

Further Information

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

1.87 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.

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`

Name of the API used in this migration object:

`CNV_PE_S4_QUOTA_ARRANGEMENT` Wrapper Function Module for Quota Arrangement

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	MEQ1
Change	MEQ4
Display	MEQ3

Further Information

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

1.88 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.

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:

- 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

> ⓘ 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:

- Catalog code group/code
- Characteristic
- Class

- Customer
- Document info record (DMS)
- Maintenance notification
- PM-Equipment
- PM-Equipment task list
- PM-Functional location
- PM-Functional location task list
- PM-General maintenance task list
- PP-Production resource/tool
- PP-Work center
- Product
- QM-Inspection method
- QM-Master inspection characteristic
- QM-Selected set
- Supplier

Roles and Authorizations

Source System

Not relevant

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`

Name of the BAPI used in this migration object:

`BAPI_OBJCL_CREATE` Classification BAPI: Create 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.

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	CL20N
Change	CL20N
Display	CL20N

Further Information

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

1.89 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.

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

> **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
- User defined fields
- Industrial solution-specific fields
- User defined-status
- Equipment long texts

- Classification
- Equipment address
- Partners
- Measuring points/counters
- Change documents
- Historical equipment data

> **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:

- CA - Document info record (DMS)
- CO - Cost center
- CO - Internal order
- Fixed asset (including balance)
- PM - Functional location
- PP - Work center
- PS - Project

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`

Name of the BAPIs used in this migration object:

`BAPI_EQUI_CREATE` PM BAPI: Create Equipment

`BAPI_DOCUMENT_CHANGE2` BAPIs for document info records

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.

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*
Create	IE01
Change	IE02
Display	IE03

Further Information

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

1.90 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.

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
- 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`

Names of the APIs used in this migration object:

- `EAM_TASKLIST_CREATE`: Create API for Task List
- `EAM_TASKLIST_POST`: Trigger Posting
- `CUKD_API_ALLOCATIONS_MAINTAIN`: Dependency Maintenance

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.

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	IA01
Change	IA02
Display	IA03

Further Information

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

1.91 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.

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

> **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
- User-defined statuses
- Functional location long texts
- Classifications
- Functional location addresses
- Partners
- Measuring points/counters
- Change documents

- Historical data

> **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
- PS - Project

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`

Name of the BAPIs used in this migration object:

`BAPI_FUNCLOC_CREATE` PM BAPI: Create Functional Location

`BAPI_FUNCLOC_INHERIT_CHANGE` API for Data Origin

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.

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*
Create	IL01
Change	IL02
Display	IL03

Further Information

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

1.92 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.

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

> ⓘ 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_PP_FUNC_LOC_BOM_AREA`

Name of the BAPI used in this migration object:

`CSAI_BOM_MAINTAIN`: Mass Maintenance for Bill of Materials

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	IB11
Change	IB12
Display	IB13

Further Information

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

1.93 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

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`

Name of the API used in this migration object:

- `EAM_TASKLIST_CREATE`: Create API for Task List
- `EAM_TASKLIST_POST`: Trigger Posting

- `CUKD_API_ALLOCATIONS_MAINTAIN`: Dependency Maintenance

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.

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	IA11
Change	IA12
Display	IA13

Further Information

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

1.94 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.

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`

Name of the API used in this migration object:

`CSAI_BOM_MAINTAIN`: API Stücklisten: Stückliste pflegen (E,T,M,K,P)

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.

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.

1.95 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.

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`

Name of the APIs used in this migration object:

- `EAM_TASKLIST_CREATE`: Create API for Task List
- `EAM_TASKLIST_POST`: Trigger Posting
- `CUKD_API_ALLOCATIONS_MAINTAIN`: Dependency Maintenance

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.

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	IA05
Change	IA06
Display	IA07

Further Information

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

1.96 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.

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`

Name of the BAPI used in this migration object:

`MP_RFC_SINGLE_CREATE` NOTRANSL: RFC: Messpunkt anlegen

Virtual Tables

`IMPTT_CHAR_VALUES`: To convert floating point data to characters

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*
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.

1.97 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.

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, **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 **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`

Name of the API used in this migration object:

`CNV_PE_S4_PM_MEASUREM_DOCUMENT`: Create Measurement Document

Virtual Tables

TEXT_TABLE: To handle text tables for measurement documents.

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*
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.

1.98 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

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

> **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
- 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
- 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`

Name of the BAPI used in this migration object:

`BAPI_ALM_ORDER_MAINTAIN` Process Maintenance/Service 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.

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	IW31
Change	IW32
Display	IW33

Further Information

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

1.99 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.

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

> **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`

Name of the API used in this migration object:

`CNV_PE_S4_PM_NOTIF_CREATE` Create Maintenance Notification

Virtual Tables

`AS_LONG_TEXTS`: To store long texts

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	IW21
Change	IW22
Display	IW23

Further Information

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

1.100 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

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.

> **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`

Name of the API used in this migration object:

`MPLAN_CREATE` Create Maintenance Plan

Virtual Table

MPLA_TEXT: To store long texts for maintenance plans

Note that virtual table do not exist in the database.

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	IP01
Change	IP02
Display	IP03

Further Information

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

1.101 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.

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.

> ⓘ 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

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`

Name of the API used in this migration object:

`MPLAN_ITEM_CREATE` Create Maintenance Plan Item

Virtual Table

`MPOS_TEXT`: To store long texts for maintenance plan items

Note that virtual table do not exist in the database.

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	IP04
Change	IP05
Display	IP06

Further Information

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

1.102 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..

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 **MM - 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`

Name of the API used in this migration object:

`MD_MRP_LEVEL_CREATE_DATA` Create MRP data

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	MM01
Change	MM02
Display	MM03 **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.

1.103 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

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

> ⓘ Note
>
> Work centers you set for deletion in the source ERP system are not migrated.

Out of Scope

Work centers set for deletion

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 Business process
- CO Cost center
- CO Internal order

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`

Name of the API used in this migration object:

`CRAP_WORKCENTER_CREATE` API work centers: create work center

Virtual Tables

`CRCO_RCVAPI`: To handle work center assignments to cost centers.

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	CR01
Change	CR02
Display	CR03

Further Information

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

1.104 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.

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

> **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`

Name of the BAPIs used in this migration object:

`BAPI_PRODORD_CREATE`: BAPI: Generate Production Order

`BAPI_PRODORD_RELEASE: BAPI`: Release Production Orders

`BAPI_PRODORD_COMPLETE_TECH: BAPI`: Technically Complete Production Orders

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	CO01
Change	CO02
Display	CO03

Further Information

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

1.105 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.

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

> ⓘ 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`

Name of the APIs used in this migration object:

- `CF_ST_FHM_UPDATE`: NOTRANSL: Anlegen/Ändern FHM-Daten
- `INIT_TEXT`: SAPscript: Initialize Test Work Areas
- `SAVE_TEXT`: SAPscript: Save Text
- `DOCUMENT_ASSIGNMENT_REFRESH`: Initialize Document Allocation
- `DOCUMENT_ASSIGNMENT_DIRECT`: Allocate Document to Several Objects

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.

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	CF01
Change	CF02
Display	CF03

Further Information

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

1.106 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.

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

> **Note**
>
> Routing group data you set for deletion in the source ERP system is not migrated.

> **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"

> **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

> **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_ECN`

Name of the BAPI or BAPIs used in this migration object:

- `BAPI_ROUTING_CREATE`: (Creation of a Routing)
- `ROUTING_MAINTAIN`: (NOTRANSL: Ändern eines Arbeits-/Prüfplans)

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

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.

1.107 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.

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

> ⓘ 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

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
- Vendor

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`

Name of the APIs used in this migration object:

`CSAI_BOM_MAINTAIN`: API Stücklisten: Stückliste pflegen (E,T,M,K,P)

`CSAP_MAT_BOM_MAINTAIN`: API Stücklisten: Materialstückliste pflegen

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.

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*
Create	CS01
Change	CS02
Display	CS03

Further Information

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

1.108 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.

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_REQUIREMENTS_CREATE` Planned Independent Requirements: Create Planned Independent Requirements

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	MD61
Change	MD62

Display	MD63

Further Information

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

1.109 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

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`

Name of the API used in this migration object:

`FV_PROD_VERS_MAINTAIN_MULTI` Maintain Multiple Production Versions

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.

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	C223
Change	C223
Display	C223

Further Information

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

1.110 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.

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

> ⓘ 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:

- Product
- SD - Sales order

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`

Name of the BAPI used in this migration object:

`CNV_PE_S4_PP_SALESORDER_BOM` 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

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.

1.111 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.

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`

Name of the API used in this migration object:

`CSAI_BOM_MAINTAIN` API Stücklisten: Stückliste pflegen (E,T,M,K,P)

Name of the BAPI used in this migration object:

`BAPI_DOCUMENT_SAVEOBJECTLINKS` Objektverknüpfungen speichern

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.

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 WBS BOM	CS71
Change WBS BOM	CS72
Display WBS BOM	CS73
Project Browser	CSPB

Further Information

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

1.112 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.

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

> **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:

- 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`

Name of the API used in this migration object:

`COND_GEN_MIGRATION_CREATE` Condition Migration: Create Condition Records

The API updates the validity periods in the condition header table (`KONH`) with the corresponding validity periods in the condition tables.

Virtual Tables

- `COND_KEY_FIELDS`: To store information of condition key fields
- `COND_SCALES`: To store information of scales 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*
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.

1.113 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).

> ⓘ 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.

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.

> **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
- Materials marked for deletion

Out of Scope

- Planning data
- Product resource/tool (PRT) data
- Joint production data
- Material MRP data
- Material classifications
- Production versions
- Inspection setup
- Internal 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.

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`

Name of the API used in this migration object:

`CMD_MIG_PROD_MAINTAIN` Mass Maintenance for Material Master Data

> ### 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.

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.

1.114 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.

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`

Name of the BAPI used in this migration object:

`BAPI_BUS2002_CREATE` Create Network Header Using BAPI

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	CJ20N
Change	CJ20N
Display	CJ20N

Further Information

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

1.115 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

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*
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
- CO - Profit center

- MM - Purchasing info record
- PM - Equipment
- PM - Functional location
- PP - Work center
- Supplier

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`

Name of the API used in this migration object:

`BAPI_PROJECT_MAINTAIN` Edit Project Including Networks

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.

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.

1.116 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.

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_QMTB_SAVEREPLICA`: Replication of QM Inspection Methods

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.

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	QS31, QS32
Change	QS33
Display	QS34

Further Information

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

1.117 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.

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_INSPECTION_PLAN_CREATE` Create 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.

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.

1.118 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.

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
- 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`

Name of the BAPI used in this migration object:

`BAPI_QPMK_SAVEREPLICA` Replication of QM Master Inspection Characteristics (ALE)

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.

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	QS21
Change	QS22
Display	QS23

Further Information

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

1.119 QM - Material inspection setup

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

Purpose

This migration object enables you to migrate material inspection setup 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 Inspection Setup**

Business Object Component/Area	User Menu Path: *Logistics* > *Quality Management* > *Quality Planning* > *Logistics Master Data* > *Material* > *Inspection Setup* Component: QM
Business Object Type	Master data
Business Object Definition	You can assign inspection setup data to a material. The Quality Management view of the material master primarily contains the control parameters you need to process quality inspections throughout the logistics supply chain. In the material master, you define various inspection parameters based on the inspection type (for example, triggering events for quality inspections, inspection with or without task list). You must edit inspection setup to be able to create inspection lots for material. Inspection lots are created for all good movement that are relevant for QM. In the material master you define which goods movements are relevant to QM.

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 `QMAT` table for the derived plants.

In Scope

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

Inspection setup for all Inspection types

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 both the source and target systems:

- Sampling procedures
- Dynamic modification rules
- Plants

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 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_SETUP`

Name of the BAPI used in this migration object:

`BAPI_MATINSPCTRL_SAVEREPLICA` Data Distribution of QM Setup Data

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	QA08
Change	QA08
Display	QA08

Further Information

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

1.120 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.

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`

Name of the API used in this migration object:

`QBCK_QINF_CREATE`: Creates Quality Info-Records

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	QI01
Change	QI02
Display	QI03

Further Information

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

1.121 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.

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

> **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`

Name of the API used in this migration object:

`QPAM_SELSET_CODE_CREATE`: NOTRANSL: Code in Auswahlmenge anlegen

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.

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	QS51
Change	QS52
Display	QS53

Further Information

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

1.122 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.

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`

Name of the API used in this migration object:

`QPAM_SELSET_CODE_CREATE` Create Selected St Code

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/Edit	QS51
Display	QS53

Further Information

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

1.123 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

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`

Names of the BAPIs used in this migration object:

- `BAPI_RE_CN_CREATE` Create Real Estate Contract
- `BAPI_RE_CN_CHANGE` Change Real Estate Contract
- `BAPI_RE_CN_SALES_REP_REPORT` Enter Sales Reports

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.

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	RECN
Change	RECN
Display	RECN

Further Information

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

1.124 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.

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

Names of the BAPIs used in this migration object:

BAPI_RE_AO_CREATE Create Architectural Object

BAPI_RE_AO_CHANGE Change Architectural 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.

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	REBDAO
Change	REBDAO
Display	REBDAO
RE Navigator	RE80

Further Information

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

1.125 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.

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

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`

Name of the BAPIs used in this migration object:

`BAPI_RE_BU_CREATE`: Create Building

`BAPI_RE_BU_CHANGE`: Change 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

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*
Create/Change/Display Building	REBDBU
RE Navigator	RE80

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

1.126 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.

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`

Name of the BAPIs used in this migration object:

`BAPI_RE_BE_CREATE` Create Business Entity

`REBD_BAPI_BUS_ENTITY` Change 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.

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	REBDBE
Change	REBDBE
Display	REBDBE

Further Information

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

1.127 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.

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

> **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`

Name of the BAPIs used in this migration object:

`BAPI_RE_PR_CREATE`: Create Land

`BAPI_RE_PR_CHANGE`: Change 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.

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	REBDPR
Change	REBDPR
Display	REBDPR

Further Information

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

1.128 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

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
- REFX - Building
- REFX - Business entity (RE-FX)
- REFX - 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`

Names of the BAPIs used in this migration object:

`BAPI_RE_RO_CREATE`: Create Rental Object

`BAPI_RE_RO_CHANGE`: Change 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.

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.

1.129 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.

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

Name of the BAPI used in this migration object:

BAPI_INQUIRY_CREATEFROMDATA2: Sales Inquiry: Create Sales Inquiry

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	VA11
Change	VA12
Display	VA13

Further Information

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

1.130 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.

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

Name of the BAPI used in this migration object:

BAPI_QUOTATION_CREATEFROMDATA2: Customer Quotation: Create 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.

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	VA21

Change	VA22
Display	VA23

Further Information

1.131 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).

Related Business Object: **Customer Material Info Record**

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.

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 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
- MM - Product
- SD - Customer master

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`

Name of the API used in this migration object:

`CNV_PE_S4_SD_CUSTMAT_CREATE` Create Customer Material Records

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.

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	VD51
Change	VD52
Display	VD53

Further Information

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

1.132 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.

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.

> **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

> **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`

Name of the BAPI used in this migration object:

`BAPI_CONTRACT_CREATEFROMDATA` Create Customer 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.

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.

1.133 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.

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

> **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

Name of the BAPI used in this migration object:

BAPI_SALESORDER_CREATEFROMDAT2 Create 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.

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.

1.134 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.

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.

> **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

> **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

> **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 - OTC Interest rate derivative 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`

Name of the BAPI used in this migration object:

`BAPI_FTR_ADDFLOW_CREATE` Create Other 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.

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	FTR_EDIT
Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.135 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.

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

> ⓘ 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

> ⓘ 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 (only open PO)
- 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`

Name of the BAPIs used in this migration object:

- `BAPI_FTR_BG_DEALCREATE` Completely Create Bank Guarantee
- `BAPI_FTR_SETTLE` Settle Financial Transaction

Virtual Tables

`LONG_TEXT`: To retrieve long texts.

Note that virtual tables do not exist in the database.

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*
Create	FTR_CREATE
Change	FTR_EDIT
Display	FTR_DISPLAY

Further Information

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

1.136 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 Objec: **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.

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. For more information, see SAP Note 2863145.
- 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.

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

Name of the API used in this migration object:

CNV_OT_APPL_FI_TRM_BP_ROLE Business Partner Role for TRM

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	BP
Change	BP
Display	BP

Further Information

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

1.137 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.

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

> ⓘ 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 - Condition details
- 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 BAPIs used in this migration object:

Target System

`BAPI_FTR_CP_CREATE` Create Commercial Paper

`BAPI_FTR_CP_SETTLE` Settle Financial Transaction

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.

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*
Create	TM31
Change	TM32
Display	TM33

Further Information

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

1.138 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.

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

> **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

> **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`

Name of the BAPI used in this migration object:

`BAPI_FTR_FXT_DEALCREATE` Completely Create a Forex Transaction

`BAPI_FTR_SETTLE` Settle Financial Transactions

Virtual Tables

`AT_FOREX`: To filter forex data

Note that virtual tables do not exist in the database.

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*
Create	TX01

Change	FTR_EDIT
Display	FTR_EDIT

Further Information

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

1.139 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.

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

> ⓘ 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.

> ⓘ 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`

Name of the BAPI used in this migration object:

`BAPI_FTR_IRATE_DEALCREATE` Completely Create an Interest Rate Instrument

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.

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*
Create	TM_51
Change	TM_52
Display	TM_53

Further Information

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

1.140 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.

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

> **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

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

Name of the BAPIs used in this migration object:

BAPI_FTR_SECURITY_DEALCREATE Completely Create a Security Transaction

BAPI_FTR_SECURITY_SETTLE Settle Financial Transactions

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*
Create	TS01
Change	TS02
Display	TS03

Further Information

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

1.141 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.

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

> **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:

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`

Name of the BAPI used in this migration object:

`BAPI_FP_CREATEFROMDATA` Create Security

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

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	FWZZ

Change	FWZZ
Display	FWZZ

Further Information

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

1.142 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.

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

> **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`

Names of the BAPIs used in this migration object:

- `BAPI_FTR_SECURITY_DEALCREATE`: Completely Create a Security Transaction
- `BAPI_FTR_SECURITY_SETTLE`: Settle Financial Transaction

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*
Create	TS01
Change	TS02
Display	TS03

Further Information

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

1.143 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.

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

> ⓘ 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

> ⓘ 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

> ⓘ 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`

Name of the API used in this migration object:

`VCH_CON_PROFILE_MAINTAIN` Wrapper API for configuration profile maintenance

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.

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.

1.144 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.

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`

Name of the APIs used in this migration object:

`VCH_DEPENDENCY_MAINTAIN` Wrapper API for dependency maintenance

`VCH_CONSTRAINT_NET_MAINTAIN` Wrapper API for constraint net maintenance

`VCH_CNET_CONSTRAINT_MAINTAIN` Wrapper API for constraint maintenance

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.

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 Dependency	CU01
Change Dependency	CU02
Display Dependency	CU03
Create Dependency Net	CU21
Change Dependency Net	CU22
Display Dependency Net	CU23

Further Information

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

1.145 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.

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

> **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
- 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`

Name of the API used in this migration object:

`CMD_MIG_BP_CVI_CREATE` Create New Business Partners with CVI and New Segments Insertion

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

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)

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.

1.146 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).

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.

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`

Name of the API used in this migration object:

`FSH_API_VAR_CONDREC_CREATE` Fashion grid condition records: create FM

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.

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/Change/Display	FSH_VAR_MM

Further Information

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

1.147 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.

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`

Name of the API used in this migration object:

`FSH_API_VAR_CONDREC_CREATE`: Fashion Grid Condition Records - Create FM

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.

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/Change/Display	FSH_VAR_SD

Further Information

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

1.148 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.

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

> ⓘ 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`

Name of the API used in this migration object:

`FSH_API_VAS_CONDREC_CREATE`: Create API for VAS Condition Record Maintenance

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

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/Change/Display	FSH_VAS_SD

Further Information

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

1.149 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.

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

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
- Linkages between class and document
- 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
- 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`

Name of the APIs used in this migration object:

`BAPI_CLASS_CREATE` Create Class BAPI

`BAPI_CLASS_CHANGE` BAPI: Change Class

`BAPI_CLASS_MAINT_LOCAL_DEP` BAPI Klasse lokales Beziehungswissen zuordnen / löschen

`CLCM_CLASS_FEATURE_KNOWL_VAL_O` Overwrite Dependencies for Characteristic Value of Class

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 characteristic overwritten values for classes
- `AS_CLS_OVRWR_DSCR`: To handle characteristic overwritten descriptions for classes

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	CL01
Change	CL02
Display	CL03

Further Information

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

1.150 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.

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
>
> 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)

> ⓘ 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

> ⓘ 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*

> **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:

> **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

> **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`

Name of the BAPI used in this migration object:

`BAPI_DOCUMENT_CREATE2` Create Document

Virtual Tables

`AS_LONGTEXTS`: To store long texts for DIR

Note that virtual tables do not exist in the database.

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.

1.151 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.

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)

> **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

> **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

> **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`

Name of the BAPI used in this migration object:

`SEPA_MANDATES_API_MIG_CREATE` Create Mandate (Migration Cockpit)

Virtual Tables

`USE_SEPA_MANDATE`:To process the SEPA mandate use data

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*
Create	FSEPA_M1
Change	FSEPA_M2
Display	FSEPA_M3

Further Information

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

1.152 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.

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`

Names of the APIs used in this migration object:

`VCH_DEPENDENCY_MAINTAIN` Wrapper API for dependency maintenance

`VCH_CONSTRAINT_NET_MAINTAIN` Wrapper API for constraint net maintenance

`VCH_CNET_CONSTRAINT_MAINTAIN` Wrapper API for constraint maintenance

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.

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 Dependency	CU01
Change Dependency	CU02
Display Dependency	CU03
Create Dependency Net	CU21
Change Dependency Net	CU22
Display Dependency Net	CU23

Further Information

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

1.153 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.

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`

Name of the API used in this migration object:

`CUKD_API_ALLOCATIONS_MAINTAIN` Dependency Maintenance

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

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/Change/Display	CT04

Further Information

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

1.154 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.

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 KLAHtable.

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

> **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`

Names of the APIs used in this migration object:

- `BAPI_CLASS_ALLOC_GLOB_DEP` BAPI Klasse globales Beziehungwissen zuordnen
- `CLCM_CLASS_FEATURE_KNOWL_VAL_O` Overwrite Dependencies for Characteristic Value of Class

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.

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	CL01
Change	CL02
Display	CL03

Further Information

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

1.155 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.

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

> **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
- 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

Name of the BAPI used in this migration object:

BAPI_MATERIAL_MAINTAINDATA_RT Create and Change Material Master Data (Retail)

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.

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	MM41

Change	MM42
Display	MM43

Further Information

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

1.156 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.

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`

Name of the BAPI used in this migration object:

`FSH_DPR_MAINTAINDATA_RFC` RFC to Maintain 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.

Source System

In SAP AFS, you can define your distributions using these distribution profile types:

- Plant
- Category
- Grid (based on a mastergrid)
- Period

> **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)

> **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.

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*
Create	FSH_DC_MAINTAIN
Change	FSH_DC_MAINTAIN
Display	FSH_DC_MAINTAIN

Further Information

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

1.157 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.

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

> **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`

Name of the API used in this migration object:

`CLMA_CLASS_CREATE` Create Class for SAP Retail

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`)

Virtual Tables

`CABN_NEW`: To store characteristics.

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*
Change	CL02
Display	CL03

Further Information

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

1.158 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.

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

Name of the BAPI used in this migration object:

FSH_DPR_CONDREC_CREATE_API: Create API for distribution curve condition record maintenance

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 Info - Source System

In the AFS system, you can define your distributions using these distribution profile types:

- Plant
- Category
- Grid (based on a master grid)
- Period

> **Note**
>
> - Distribution profiles based on categories are always linked to a coverage strategy.
> - Distribution profiles based on grids are linked to a master grid.

Functional Info - 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)

> **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.

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.

1.159 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.

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

> ⓘ 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`

Name of the BAPIs used in this migration object:

- `BAPI_CHARACT_CREATE`: BAPI for Characteristics - 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`: Processing Characteristic Values from External Programs
  - 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`: BAPI for Characteristics: Set Long Text for Characteristic or Value
  This BAPI migrates long texts only for the characteristics level in this migration scenario.

Virtual Tables

`CABN_TEXT`: To store characteristic long texts.

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	CT04
Change	CT04
Display	CT04

Further Information

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

1.160 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.

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

> **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`

Names of the BAPIs used in this migration object:

`BAPI_REQUIREMENTS_CREATE` Create Planned Independent Requirements

`BAPI_REQUIREMENTS_CHANGE` Change Planned Independent Requirements

Virtual Tables

`SCHD_LINE`: To store schedule lines

Note that virtual tables do not exist in the database.

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	MD61

Change	MD62
Display	MD63

Further Information

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

1.161 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).

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

> **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`

Names of the BAPIs used in this migration object:

- `BAPI_CHARACT_CREATE`: BAPI for Characteristics - Create
- `BAPI_CHARACT_CHANGE`: BAPI for Characteristics - Change
- `BAPI_CHARACT_ADDLONGTEXT`: BAPI for Characteristics: Set Long Text for Characteristic or Value

- `CTMV_CHARACT_CHANGE_KNOWL`: API Function: Maintaining Object Dependencies for Characteristics
- `CTMV_CHARACT_CHANGE_KNOWL_VAL`: API Function: Maintaining Object Dependency Values for Characteristics

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.

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/Change/Display	CT04

Further Information

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

1.162 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.

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`

Name of the API used in this migration object:

`RFM_API_QDP_MAINTAIN_RFC` Maintain QDP data via RFC

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.

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*
Create / Change / Display	FSH_QDP

Further Information

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

1.163 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.

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

> ### 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`

Names of the BAPIs used in this migration object:

`BAPI_REQUIREMENTS_CREATE` Create Planned Independent Requirements

`BAPI_REQUIREMENTS_CHANGE` Change Planned Independent Requirements

Virtual Tables

`SCHD_LINE`: To store schedule lines

Note that virtual tables do not exist in the database.

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	MD61
Change	MD62

Display	MD63

Further Information

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

1.164 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).

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

> **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`

Name of the API used in this migration object:

`FSH_API_SEASON_MAINTAINDATA` API for season insert/update/delete

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/Change/Display	FSH_SWB

Further Information

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

1.165 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).

> ⓘ 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.

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

> **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`

Name of the API used in this migration object:

`RFM_SGT_DEFAULT_VALUE_MAINTAIN` Maintain Default Segmentation Values

Virtual Tables

DEFAULT_DATA: To store the default data created for each segmentation structure.

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/Change/Display	SGT_DEFFAULT

Further Information

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

1.166 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).

> ⓘ 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.

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

> **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`

Name of the API used in this migration object:

`RFM_SGT_STRATEGY_MAINTAIN_RFC` Segmentation Strategy Maintenance

Virtual Tables

`STRAT_DATA`: To store segmentation strategy 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/Change/Display	SGTC

Further Information

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

1.167 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).

> **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.

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

> ⓘ 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

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`

Name of the API used in this migration object:

`RFM_SGT_STRUCTURE_MAINTAIN_RFC` Maintain Segmentation Structure

Virtual Tables

`STRUCTURE_DATA`: To store segmentation structure 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/Change/Display	SGTS

Further Information

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

1.168 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.

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`

Name of the BAPI used in this migration object:

`BAPI_BANK_CREATE` Create Bank

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	FI01
Change	FI02
Display	FI03

Further Information

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

1.169 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.

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 - Characteristics for non-dimension
- AFS - Article
- Class
- Object classification (general template)
- 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`

Name of the API used in this migration object:

`VB_CREATE_BATCH`: Create Batch

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	MSC1N
Change	MSC2N
Display	MSC3N

Further Information

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

1.170 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.

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`

Name of the BAPI used in this migration object:

`BAPI_ACTTYPE_CREATEMULTIPLE` Create One or More Activity Types

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	KL01
Change	KL02
Display	KL03

Further Information

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

1.171 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.

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.

> ⓘ 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

> ⓘ 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 BAPIs used in this migration object:

Target System

`BAPI_ACTIVITYTYPEGRP_CREATE` Object BUS1115 (Activity Type Group) - Method Create

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.

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	KLH1
Change	KLH2
Display	KLH3

Further Information

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

1.172 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.

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

> ⓘ 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

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`

Name of the BAPI used in this migration object:

`BAPI_COSTACTPLN_CHECKACTOUTPUT`: Activity/Price Planning: Check

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

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	KP26
Change	KP26
Display	KP27

Further Information

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

1.173 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.

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`

Name of the BAPI used in this migration object:

`BAPI_PROCESS_CREATEMULTIPLE`: Create One or More Business Processes

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	CP01
Change	CP02
Display	CP03

Further Information

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

1.174 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.

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

> ⓘ 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`

Name of the BAPI used in this migration object:

`BAPI_BUSPROCESSCOGRP_CREATE` Object BUS1114 (Business Process Group) - Method Create

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	CPH1
Change	CPH2
Display	CPH3

Further Information

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

1.175 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

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`

Name of the BAPI used in this migration object:

`BAPI_COSTCENTER_CREATEMULTIPLE` Create Cost Center

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	KS01
Change	KS02
Display	KS03

Further Information

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

1.176 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.

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)

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`

Name of the BAPI used in this migration object:

`BAPI_COSTCENTERGROUP_CREATE` Object BUS1112 (Cost Center Group) - Method Create

Virtual Tables

`TAB_NODES`: To store the nodes of the standard hierarchy

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	KSH1
Change	KSH2
Display	KSH3

Further Information

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

1.177 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.

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_COSTELEMENTGRP_CREATE`: Create 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.

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	KAH1
Change	KAH2
Display	KAH3

Further Information

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

1.178 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

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

> **Note**
>
> After migration, all internal orders are set to the "Created" status regardless of the status in the source 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:

- 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

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.

> **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`

Name of the BAPI used in this migration object:

`BAPI_INTERNALORDER_CREATE` Create Internal Order from Transferred Data

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.

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	KO01
Change	KO02
Display	KO03

Further Information

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

1.179 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.

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_AFS_CO_PROFIT_CENTER`

Name of the BAPI used in this migration object:

`BAPI_PROFITCENTER_CREATE` Create Profit Center

> ### 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` .

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	KE51
Change	KE52
Display	KE53

Further Information

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

1.180 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.

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)

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`

Name of the BAPI used in this migration object:

`BAPI_PROFITCENTERGRP_CREATE`: Object BUS1116 (Profit Center Group) - Method Create

Virtual Tables

`TAB_NODES`: To store nodes of the standard hierarchy

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	KCH1
Change	KCH2
Display	KCH3

Further Information

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

1.181 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.

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`

Name of the APIs used in this migration object:

`GL_ACCT_MASTER_SAVE` G/L Account Master Record

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"

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	FS00
Change	FS00
Display	FS00

Further Information

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

1.182 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.

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 in one of 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`

Name of the BAPI used in this migration object:

`BAPI_KEYFIGURE_CREATEMULTIPLE` Create One or More Statistical Key Figures

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	KK01
Change	KK02
Display	KK03

Further Information

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

1.183 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.

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.

> **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
- 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`

Name of the API used in this migration object:

`CMD_MIG_BP_CVI_CREATE` RFC for Creating New BP with CVI and New Segments Insertion

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".

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)**

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.

1.184 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

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_ECN_CREATE` BAPI ECN Create

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.

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	CC01
Change	CC02
Display	CC03

Further Information

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

1.185 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.

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 TCURRtable 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`

Name of the BAPI used in this migration object:

`BAPI_EXCHRATE_CREATEMULTIPLE` Insert One or More Exchange Rates in SAP Tables

Virtual Tables

`AT_FACTORS` : To create structures for the migration BAPI

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.

1.186 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".

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:

- Asset classes with an internal number assignment
- 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
- 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.

> ⓘ Note
>
> This migration object accumulates transaction values and transfers them as acquisition values with the transaction type "100".

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
- Proportional values on transactions
- External number assignment for assets

> ⓘ 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.

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. For example, if you want to set the transfer date in the month of November 2021, you need to set the date to November 30, 2021.
- You have closed the previous fiscal year in Asset Accounting.
- You have ensured that the transfer date is the end date of the period.

> ### Example
>
> If you set the transfer date to September 22, 2018 (22.09.2018) on the Legacy Data Transfer tab, set the end date to September 30, 2018 (30.09.2018). If you enter any other date as the end date, the system displays a warning during simulation and migration.

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_AFS_FI_AA_2`

Name of the BAPI used in this migration object:

`BAPI_FIXEDASSET_OVRTAKE_CREATE` BAPI for Legacy Data Transfer

Virtual Tables

- `CUMULATEDVALUES`: To store cumulative values
- `POSTEDVALUES`: To store posted values
- `TRANSACTIONS`: To store transactions values

Note that virtual tables do not exist in the database.

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*

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.

1.187 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.

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

> ⓘ 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

> ⓘ 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 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)
- Product
- 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`SEPA`: To store information for one-time SEPA mandates

Note that virtual tables do not exist in the database.

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*
Create	FB01
Change	FB02
Display	FB03

Further Information

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

1.188 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.

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

> ⓘ 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

> ⓘ 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 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
- 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

Virtual Tables

`SEPA`: To store data related to one-time mandates

Note that virtual tables do not exist in the database.

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*
Create	FB01
Change	FB02
Display	FB03

Further Information

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

1.189 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..

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

> ### 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

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 - Secondary cost element
- CO - Cost center
- CO - Profit center
- Exchange rate
- FI - G/L account
- Vendor

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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*
Create	FB01
Change	FB02
Display	FB03

Further Information

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

1.190 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..

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

> ⓘ 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

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

- CO - Secondary cost element
- CO - Cost center

- CO - Profit center
- Vendor
- Exchange rate
- Fixed asset (including balance)
- FI - House bank

> **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.

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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*
Create	FB01
Change	FB02

Display	FB03

Further Information

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

1.191 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.

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:

- FI - Bank
- FI - House bank

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`

Name of the BAPI used in this migration object:

`BAPI_FCLM_BAM_AMD_BNKANT` BAM Master Replication

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	FI12_HBANK
Change	FI12_HBANK
Display	FI13_HBANK

Further Information

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

1.192 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.

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.

> **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 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`

Name of the API used in this migration object:

`GL_ACCT_MASTER_SAVE` G/L account master: Check and save

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	FS00
Change	FS00
Display	FS00

Further Information

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

1.193 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)

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

> **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:

- 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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST`: Mass Maintenance for Material Master Data

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance data

Note that the 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*
Display	FS10N

Further Information

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

1.194 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)

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.

> **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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting Posting

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance 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 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.

1.195 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

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.

> ⓘ 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.

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-AA 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_AFS_FI_GL_OI_CLASSIC_GL`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*
Create	FB50
Change	FB02
Display	FB03

Further Information

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

1.196 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

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.

> **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

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-AA 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_AFS_FI_GL_OI_NEW_GL`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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*
Create	FB50
Change	FB02
Display	FB03

Further Information

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

1.197 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.

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 **FI - 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`

Name of the BAPI used in this migration object:

`BAPI_HOUSE_BANK_REPLICATE` House Bank and House Bank Account Replicate

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	FI12_HBANK
Change	FI12_HBANK
Display	FI13_HBANK

Further Information

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

1.198 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).

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

> **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.

> **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
- FI-AA 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_AFS_FI_GL_OI_LEDG_SPEC_NEW_GL`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting: Posting

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.

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*
Create	FB50L
Change	FB02
Display	FB03

Further Information

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

1.199 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.

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:

- 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:

- Batch unique at plant level
- Class
- Document info record (DMS)
- PM - Equipment
- 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_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`

Name of the BAPI used in this migration object:

`BAPI_OBJCL_CREATE` Classification BAPI: Create 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
- `ALLOCVALUESCURR1`: To store currency characteristic values

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	CL20N
Change	CL20N
Display	CL20N

Further Information

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

1.200 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).

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")

> ⓘ 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

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”).

> ⓘ 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`

Name of the API used in this migration object:

`FSH_API_GOODSMVT_CREATE`: Post goods movements with MB_CREATE_GOODS_MOVEMENT

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.

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.

1.201 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.

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.

> ⓘ 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

- Item condition scale value data
- Conditions (1-dimensional value scale) data
- Conditions (1-dimensional quantity scale) 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

> ⓘ 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

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 - Cost center
- CO - Secondary cost element
- FI - G/L account
- Fixed asset (including balance)
- Supplier

> **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`

Name of the BAPI used in this migration object:

`BAPI_CONTRACT_CREATE`: BAPI to Create a Purchase 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.

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.

1.202 MM - Purchase order

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

Purpose

This migration object enables you to migrate open 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.

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.

> **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
- 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 scheduling agreement
- MM - Purchasing info record
- PP - Material BOM
- 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.

> **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.

> **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`

Name of the API used in this migration object:

`FSH_API_PURCHASINGORDER_CREATE` Purchasing Order: Create PO

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.

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.

1.203 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.

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.

> ⓘ 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

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`

Names of the APIs used in this migration object:

`ME_INFORECORD_MAINTAIN_MULTI` RFC Function Module to Create and Change multiple Info Records

`ME_DB_UPDATE_INFORECORDS` Updating info records in database

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.

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	ME11
Change	ME12
Display	ME13

Further Information

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

1.204 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.

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.

> **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

> **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

> **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`

Names of the BAPIs used in this migration object:

- `BAPI_SAG_CREATE`: Create a Scheduling Agreement
- `BAPI_SCHEDULE_MAINTAIN`: Maintenance of Scheduling Agreement Delivery Schedule Lines

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.

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	ME31L
Change	ME32L
Display	ME33L

Further Information

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

1.205 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.

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.

> **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

> **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`

Name of the API used in this migration object:

`ME_DIRECT_INPUT_SOURCE_LIST`: NOTRANSL: Orderbuchpflege innerhalb der integrierten Artikelpflege

Virtual Tables

`AS_EORD`: To store AFS materials as variants, as target system expected

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	ME01
Change	ME02
Display	ME03

Further Information

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

1.206 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.

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

> **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 AVLBsystem 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

> **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`

Name of the BAPI used in this migration object:

`BAPI_EQUI_CREATE` PM BAPI: Create 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

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*
Create	IE01
Change	IE02
Display	IE03

Further Information

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

1.207 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.

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

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
- FI - G/L account
- 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`

Names of the APIs used in this migration object:

- `CSAI_BOM_MAINTAIN`: NOTRANSL: API Stücklisten: Stückliste pflegen (E,T,M,K,P)
- `CSAP_MAT_BOM_MAINTAIN`: NOTRANSL: API Stücklisten: Materialstückliste pflegen

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.

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.

1.208 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.

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

> **Note**
>
> Routing groups data you set for deletion in the source AFS system is not migrated

> **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"

> **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
- ECM - Change master
- PP - Material BOM
- PP - Work center

> **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`

Name of the BAPIs used in this migration object:

- `BAPI_ROUTING_CREATE`: Creation of a Routing
- `ROUTING_MAINTAIN`: NOTRANSL: Ändern eines Arbeits-/Prüfplans

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.

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	CA01
Change	CA02
Display	CA03

Further Information

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

1.209 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.

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

> **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`

Name of the BAPI used in this migration object:

`BAPI_REQUIREMENTS_CREATE` Create Planned Independent Requirements

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	MD61
Change	MD62
Display	MD63

Further Information

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

1.210 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

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

> **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`

Name of the BAPI used in this migration object:

`FV_PROD_VERS_MAINTAIN_MULTI` Maintain Multiple Production Versions

Virtual Tables

`MKAL_VAR`: To store the production versions of materials with grid values.

Note that virtual tables do not exist in the database.

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.

1.211 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.

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

> **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`

Names of the APIs used in this migration object:

- `BAPI_PRODORD_CREATE` Creates Production Orders
- `FSH_PP_PCW_CREATE_MASTER` Create Master Planned Order or Master Production Order
- `FSH_PP_PCW_MODIFY_MASTER` Modify Master 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.

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*
Create Production Order	CO01
Change Production Order	CO02
Display Production	CO03
Production Control Workbench	FSH_PCW

Further Information

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

1.212 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.

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

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

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

Names of the APIs used in this migration object:

CSAI_BOM_MAINTAIN: NOTRANSL: API Stücklisten: Stückliste pflegen (E,T,M,K,P)

Virtual Tables

- BOM_TXT: To store BOM long texts
- ITM_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.

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.

1.213 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

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`

Name of the BAPI used in this migration object:

`CRAP_WORKCENTER_CREATE` API work centers: create work center

Virtual Tables

- `CRCO_RCVAPI`: To handle work center assignments to cost centers.

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	CR01
Change	CR02
Display	CR03

Further Information

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

1.214 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.

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

> **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`

Name of the BAPI used in this migration object:

`COND_GEN_MIGRATION_CREATE` Condition Migration: Create Condition Records

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.

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.

1.215 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.

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

> **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
- Customer
- Pricing condition (purchasing and sales)

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

Name of the API used in this migration object:

FSH_API_SALESDOCUMENT_CREATE Sales Order: Create Sales Order

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.

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.

1.216 SD - Sales order

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

Purpose

This migration object enables you to migrate open 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.

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
- Customer

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.

> **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.

> **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`

Name of the API used in this migration object:

`FSH_API_SALESDOCUMENT_CREATE` Sales order: Create 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.

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.

1.217 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.

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

> ⓘ 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`

Name of the API used in this migration object:

`CMD_MIG_BP_CVI_CREATE` Create New Business Partners with CVI and New Segments Insertion

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)

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.

1.218 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

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`

Name of the BAPI used in this migration object:

`CRM_S4_BTX_ACTIVITY_MIGRATION`: Migration of Activities from CRM 7.0 to S4 CM

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.

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*
Create	CRMD_ORDER
Change	CRMD_ORDER
Display	CRMD_ORDER

Further Information

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

1.219 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.

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

Fixed bin assignment data is automatically selected for the fixed bin assignments 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 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`

Name of the function module used in this migration object:

`/SCWM/MC_FIXBIN_ASN` (FM for Migration of Fixed Bin Assignments)

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.

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.

1.220 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.

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

Storage bin 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 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`

Name of the function module used in this migration object:

`/SCWM/MC_BIN` (FM for Migration of Storage Bin)

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.

1.221 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.

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

Warehouse product data is automatically selected for the warehouse products 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:

- 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

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

> **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`

Name of the function module used in this migration object:

`/SCWM/MC_PRODUCT` (FM for Migration of Warehouse Product)

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/Create Warehouse Product	/SCWM/MAT1
Warehouse Monitor	/SCWM/MON
Node: *Product Master Data* > *Warehouse Attribute*	

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

1.222 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.

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

Storage bin sorting 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 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`

Name of the function module used in this migration object:

`/SCWM/MC_BIN_SRT` (FM for Migration of Bin Sortation)

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.

1.223 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.

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

> **Note**
>
> If stock isn't ready for migration for one of the above 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)
- `/SCWM/CHG` (EWM Batch)
- `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`

Name of the function module used in this migration object:

`/SCWM/MC_STOCK` (FM for Migration of Storage Bin)

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.

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.

1.224 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.

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

Warehouse application log settings 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

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`

Name of the function module used in this migration object:

`/SCWM/MC_LOG_SETTINGS` (FM for migration of Warehouse Log Settings)

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.

1.225 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.

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

Physical inventory settings 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

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`

Name of the function module used in this migration object:

`/SCWM/MC_PI_SETTINGS` (FM for migration of Physical Inventory settings)

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.

1.226 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.

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

Shipping and receiving settings 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

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`

Name of the function module used in this migration object:

`/SCWM/MC_SR_SETTINGS` (FM for migration of Shipping&Receiving settings)

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.

1.227 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.

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

Production supply area data is automatically selected for the production supply area 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 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

> **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`

Name of the function module used in this migration object:

`/SCWM/MC_PSA` (FM for migration of Product Supply Area Settings)

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.

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.

1.228 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.

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

Data for resource and user settings for RF is automatically selected for the resources 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 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

> **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

Name of the function module used in this migration object:

/SCWM/MC_RESOURCE (FM for migration of Resource & User Maintenance)

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.

1.229 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.

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

Data for the resource group and queue settings is automatically selected for the resource groups 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 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

> ⓘ 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`

Name of the function module used in this migration object:

`/SCWM/MC_RESOURCE_GROUP` (FM for migration of Resource Group and Queue Settings)

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.

1.230 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.

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

Data for resource execution settings is 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

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`

Name of the function module used in this migration object:

`/SCWM/MC_RESOURCE_SETT` (FM for migration of Resource Execution Settings)

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.

1.231 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.

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

Work center determination data is 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

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`

Name of the function module used in this migration object:

`/SCWM/MC_WORKST_DET` (FM for migration of Work Center Determinations)

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.

1.232 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.

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

Data for work center dependent settings is automatically selected for the work centers 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

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

> **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)

Technical Information

Name of this migration object: `S4_EWM_WORKSTATION`

Name of the function module used in this migration object:

`/SCWM/MC_WORKSTATION` (FM for migration of Work Center Dependent Settings)

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.

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.

1.233 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.

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

Material flow system (MFS) data is 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

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*

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`

Name of the function module used in this migration object:

`/SCWM/MC_MFS` (FM for migration of Material Flow System Settings)

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.

1.234 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.

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

Route data is automatically selected for all the routes that don't have the deletion flag set.

> **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)

Name of the function module used in this migration object:

`/SCWM/MC_ROUTE` (Business API for migration Routes)

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

Further Information

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

1.235 Carrier profile

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

Purpose

This migration object enables you to migrate carrier profile 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.

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

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`

Names of the function modules used in this migration object:

`/SCWM/MC_TSP` (Business API for migration Carrier Profile)

`/SCTM/AD_W_TSP_PROFILE` (Adapter/Write: Transportation Service Provider Profiles)

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

Further Information

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

1.236 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.

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

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)

Name of the function module used in this migration object:

`/SCWM/MC_ZONE` (Business API for migration Zones)

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

Further Information

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

1.237 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.

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

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)

Name of the function module used in this migration object:

`/SCWM/MC_ZONES_HIERARCHY` (Business API for migration Zones Hierarchy)

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

Further Information

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

1.238 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.

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

Condition records are automatically selected from the source system.

> **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

> **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`

Name of the function module used in this migration object:

`/SCWM/MC_COND_REC` (FM for migration of Condition Records (warehouse independent))

This migration technique posts data to the target system using the standard function module for condition tables (`/SAPCND/DBA_UPDATE_FROM_FWS_DB`).

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

1.239 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.

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

Condition records are automatically selected from the source system using migration-relevant warehouse numbers as a filter.

> **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

> ⓘ 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`

Name of the function module used in this migration object:

`/SCWM/MC_COND_REC_WH` (FM for migration of Condition Records (warehouse dependent))

This migration technique posts data to the target system using the standard function module for condition tables (`/SAPCND/DBA_UPDATE_FROM_FWS_DB`).

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`
Create Condition Records for Printing (HUs)	/SCWM/PRHU6	`PHU`
Create Condition Records for Printing (Physical Inventory)	/SCWM/PRPI_GCM	`PPI`
Create Condition Records for Printing (Warehouse Orders)	/SCWM/PRWO6	`PWO`
Maintain Condition Records for Bin Determination	/SCWM/PUT_TW_WT_GC	`TWP`
Maintain Conditions for Determining Wave Templates	/SCWM/WDGCM	`WME`

1.240 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.

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.

  > ### 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

> **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.

> **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.

1.241 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.

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

> **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.

1.242 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)

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.

> **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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting Posting

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance 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 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.

1.243 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).

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.

> **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.

> **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.

1.244 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

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.

> **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.

1.245 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.

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

> **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

> **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

> **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

> **Note**
>
> Materials you set for deletion in the source ERP system are not migrated

Out of Scope

- Planning data
- Product resource tool (PRT) data

> **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.

> **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.

1.246 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.

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

> **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.

1.247 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)

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.

> **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`

Name of the BAPI used in this migration object:

`BAPI_ACC_DOCUMENT_POST` Accounting Posting

Virtual Tables

`FLTR_TOTALS`: To store cumulative account balance 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 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.

1.248 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).

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.

> ⓘ 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.

> **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.

1.249 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

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.

> **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.

1.250 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

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.

> **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.

1.251 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.

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.

> **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.

1.252 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

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 767] 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.

> **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.

1.253 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.

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 767]
  - eSPP - Product [page 769]
  - eSPP - MRP Area [page 772]

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.

> **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.

1.254 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.

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 774]

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.

> **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.

1.255 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).

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 776]

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.

> ⓘ 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.

1.256 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.

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 778]

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.

> **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.

1.257 *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 829] 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.

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 961]
- CO - Cost center [page 954]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.258 *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. Migration is for initializing the balance for bank accounts that are operated centrally, that is, in the same system as Cash Management.

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 will get 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

Transaction SE16N	*General Table Display*

How to Cancel Already Migrated Balance Records

You can delete already migrated balance records using the *Delete Data from One Exposure* app. For further information, refer to the SAP Fiori apps reference library and the SAP Help Portal.

> **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.

1.259 *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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.260 *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).

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 1028]
- Supplier [page 1117]
- If you want to migrate batches with classification data, the following objects need to be migrated first:
  - Characteristic [page 801]
  - Class [page 807]
  - Object classification - General template [page 813] – 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

Level	Name	
2		Classification NUM Values
2		Classification CURR Values
2		Plant

New *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. 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.261 *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	Master data
Business Object Definition	Batch Master Data if batch is unique at plant level

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 1028]
- Supplier [page 1117]

- If you want to migrate batches with classification data, the following objects need to be migrated first:
  - Characteristic [page 801]
  - Class [page 807]
  - Object classification - General template [page 813] – 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.262 *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

In Scope

Migration to SAP S/4HANA is supported.

1. Currently, you can process only one alternative BOM for each material number, plant, and BOM usage. This can apply to any number from 01 to 99.
2. Material BOM
3. For object dependency, only the assignment of global dependency is supported. *Selection condition* and *Procedure* are the only dependency types that are supported so far.
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

Out of Scope

1. Document structure
2. Equipment BOM
3. Functional location BOM
4. Sales order BOM

Supported Features

The following structures/features are supported in SAP S/4HANA:

- BOM Header
- BOM Item
- BOM Subitem
- Global Dependency
- Local Dependency
- Local Dependency Description
- Documentation of Dependency
- Sources of Local Dependency
- BOM Item Document Assignment
- BOM Header Document Assignment

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]

To ensure that the data remains consistent, check that the decimal separator used in the file is the same as the one used in user settings. Check the user settings first.

Validity Period and Dependencies

Business objects that reference this object must be created within the validity period that fits 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.

Therefore, make sure that you check such time dependencies before you create or migrate your objects. This will help you to avoid later error messages and inconsistent data on your database.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name			
1	BOM Header (`S_BOM_HEADER`), mandatory			
2		BOM Item (`S_BOM_ITEM`), mandatory		
3			BOM Subitem (`S_STPU`)	
3			Global Dependency (`S_GLOBAL_DEP`)	
3			Local Dependency (`S_LOCAL_DEP`)	
4				Local Dependency Description (`S_LCL_DEP_DESC`)
4				Documentation of Dependency (`S_LCL_DEP_DOC`)

Level	Name			
4				Sources of Local Dependency (S_LCL_DEP_SOR)
3			BOM Item Document Assignment (S_STPO_DLINK)	
2		BOM Header Document Assignment (S_HDR_DLINK)		

Quantity Fields on Header and Item Level

If your quantity contains decimals, do not copy and paste values from another Excel file into these fields, because Excel will corrupt the data type of these fields. This in turn would cause the wrong numbers to be migrated to the system. Even the *Copy value only* functionality in Excel will corrupt the data type.

There are three possible options to fill 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate your Data in the System

Transaction CS03	*Display Material BOM*

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

1.263 *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.

In Scope

Migration to SAP S/4HANA is supported.

The object management record is only supported for the following objects:

- Product [page 1028]
- Material BOM [page 795]
- Document info record [page 867]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.264 *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.

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 807]

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

> **Note**
>
> *Selected Set* must always be filled using upper case letters.

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	
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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.265 *VC - Characteristics group*

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

> **⚠ Restriction**
>
> This data migration object supports data migration only for the Advanced Variant Configuration (AVC) data model. If you'd like to migrate data for the Logistics General-Variant Configuration (LO-VC) data model, we recommend using Product Data Replication (PDR) instead.
>
> For more information, refer to PLM Product Data Replication.

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.

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 801]
- Class [page 807] (optional)
- Product [page 1028] (optional) – assigned with class and with class type 300
- VC - Configuration profile [page 832] (optional)

Validity Period and Dependencies

Characteristic [page 801] must be created first.

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	General Information	
2		Characteristics
2		Description
2		Configuration Profile

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.

There, choose your SAP S/4HANA release from the *Version* field.
Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.266 *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.

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 801]

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 type 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.267 *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.

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 807]

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 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.268 *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.

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 801] (dependent on class type)
- Class [page 807] (dependent on class type)
- Product [page 1028] (dependent on class type)
- PM - Equipment [page 892] (dependent on class type)
- PM - Functional location [page 907] (dependent on class type)
- Supplier [page 1117] (dependent on class type)
- Customer [page 852] (dependent on class type)
- *Document info record* (manually, dependent on class type)

- Work center/Resource [page 1127] (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

Concatenated key Instructions

Level	Name	
1	Header data (mandatory)	
2		Numerical value allocation
2		Currency value allocation
2		Character value allocation

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 (on-premise 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 788] or Batch unique at plant level [page 791] 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate Your Data in the System

Transaction CL24N	*Assigning Objects or Classes to Class*
(Choose *Class* > *Class Type* > view)	

Further Information

- For import information for classification see SAP Note 2267878.

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

1.269 *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.

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 1018]

Validity Period and Dependencies

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Business Process (Mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.270 *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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.271 *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.

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 1028]
- Customer [page 852]
- Supplier [page 1117]
- Organizational Data such as company code, sales area, or purchasing org.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.272 *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 limited number of available key fields : Condition record for pricing in sales (restricted) [page 1066] or Condition record for pricing in purchasing (restricted) [page 997].

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.

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

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 1028]
- Customer [page 852]
- Supplier [page 1117]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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

Scale quantity	Scale unit of measure	Scale rate	Scale currency
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.

1.273 *VC - Configuration profile*

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

> ⚠ Restriction
>
> This data migration object supports data migration only for the Advanced Variant Configuration (AVC) data model. If you'd like to migrate data for the Logistics General-Variant Configuration (LO-VC) data model, we recommend using Product Data Replication (PDR) instead.
>
> For more information, refer to PLM Product Data Replication.

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.

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 1028]
- Object classification - General template [page 813]
- Change number (optional)

Mapping Instructions

> **Note**
>
> It is important that the data you want to migrate is correct. If you migrate incorrect data, the profile will still be created, but in a locked status.

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.

  > **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.

  > **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.

  > **Note**
  >
  > Documentation cannot be maintained without description in the corresponding language.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.274 *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.

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)	
2		Consent text (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.275 *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), according to need, over a predefined period. You can migrate two different types of purchase contracts: • Quantity Contract • Value Contract

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

> **Note**
>
> The following Account Assignment Categories are supported:
> - Cost Center
> - 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 per 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).

   > **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

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 1028]
- Supplier [page 1117]
- CO - Cost center [page 954]
- *WBS element*
- Fixed asset (incl. balances and transactions) [page 896]
- FI - G/L account [page 914] (expense account used in account assignment category)
- MM - Purchasing info record with conditions [page 1045] (if conditions should 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 into the data.
- Net Price: Please provide the price as 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 conditions validity period matches with the stipulated validity period of the agreement.

Mapping Structure Hierarchy

Level	Name	
1	Header Data (mandatory)	
2		Supplier Address
2		Header Texts
2		Item Data (mandatory)

Level	Name	
3		Delivery Address
3		Account Assignment
3		Item Texts

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.276 *Customer - extend existing record by new org levels*

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, 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.

In Scope

Migration to SAP S/4HANA is supported.

1. Extend already existing customers with new org levels or extend already existing suppliers/contract partners as customer with the same number.
2. General data (only fields that might become relevant when you extend a supplier/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)*

> **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. Updates of existing fields/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.

> **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 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 listed structures/features are supported.

Prerequisites

The following objects must have already been maintained or migrated:

- Customer [page 852]
- If you want to extend already existing suppliers as customer with the same number:
  - Supplier [page 1117]

Mapping Instructions

On the *General Data* sheet, we provide fields that only become relevant when you extend already existing suppliers/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 fill out either the supplier number or contract partner. It's not possible to provide both fields. If you want to extend an already existing customer by new org levels, you have to leave the reference numbers empty.

Please consider: You can't transfer a value in one of the fields provided on 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 org 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.

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 these 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 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

Please 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. 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 customer with the contact person, but without sales data. Then, use the *Customer - extend existing record by new org levels* 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 in the *Contact person* sheet. This number is required for internal data processing. During processing, however, a new business partner will be 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 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'll have 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 will be determined by Vertex.

For some addresses, Vertex will always provide more than one tax jurisdiction code. In this case, you'll have to 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 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	

Level	Name	
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*

> **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.

Country-Specific Extensions

> **Note**
>
> Country-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Country-Specific Extension for South Korea

There are three country-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 will be updated by the entry with the most recent date. If there's no entry on the *VAT registration number against customer* sheet, the three fields will stay as they are.

Country-Specific Extension for India

To be able to maintain *TAN-Based Exemption* information on the *TAN and exemption number* sheet for India, maintain *Withholding Tax Type* and *Withholding Tax Code* on the *Withholding Tax Data* sheet first.

Country-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.

Country-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.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.277 *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.

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 852]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.278 *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.

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.

> ⓘ 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

> **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 852]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.279 *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.

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 807]
- Characteristic [page 801]
- Customer [page 852]
- Product [page 1028]
- 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 Characteristic
3			CustMat Classif Currency

For more information, see the field description of the template file.

Tasks

1. Download the migration template from the Migration Cockpit.

2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.280 *Customer*

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

> → Tip
>
> For this migration object, the *Custom Fields and Logic* app is available. 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 Note 2726010 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. Also see the Extensibility section in the SAP S/4HANA Cloud 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.

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)*

> **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. Relationship to other business partners.
2. 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 1107] object, you can create a supplier with the same customer number. As a prerequisite, you have to create the customer first.
3. Time-dependency of addresses.
4. Time-dependency of bank data.

> **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)*

> **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

> **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 786]

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. 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 1107] 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 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 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 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 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

Please 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 839] 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, 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	

Level	Name	
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*

> **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.

Country-Specific Extensions

> **Note**
>
> Country-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Country-Specific Extension for South Korea

There are three country-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.

Country-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.

Country-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.

Country-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.

Country-Specific Extension for Philippines

You can find one optional country-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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.281 *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.

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 885] (object for migrating compliance views)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Regulation (mandatory)	
2		Segregation Group

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post Processing

How to Validate Your Data in the System

Log on to your SAP S/4HANA system as *Configuration Expert - Data Migration* (`SAP_BR_CONFIG_EXPERT_DATA_MIG`) and use the *Data Migration Status* app to validate your data in the system. Alternatively, use the following SAP Fiori app:

Apps:	• For **not released** assessments, open the *My Unpackaged Dangerous Goods* app and select a product to navigate to the *Classify Unpackaged Dangerous Goods* app. Select a regulation to check the classification in the *Classify Dangerous Good - Unpackaged Product* app. • For **released** assessments, open the *Analyze Unpackaged Dangerous Goods* app, search for a product, and navigate to the *Classify Unpackaged Dangerous Goods* app. Select a regulation to check the classification in the *Classify Dangerous Good - Unpackaged Product* app.
Business Role:	*Dangerous Goods - Product Compliance* (`SAP_BR_DG_SPLST_PCL`)

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

1.282 *DG - Assessment for packaged 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 a packaged product contains classification data, dangerous goods descriptions, and information about transport permission for the applicable modes of transport.

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 *Text-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
- Modes of Transport
- Dangerous Goods Description for Documents
- Packaging Details

Prerequisites

The following objects must have already been maintained or migrated:

- DG - Assessment for unpackaged product (text-based) [page 865] (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 for Documents

Level	Name	
2		Packaging Details

Tips on Filling the Migration Template

Packaging details are directly assigned to a compliance view. Even though you need to enter the internal number, regulation, and processing status as key fields, only the internal number is considered during migration. Therefore, you need only one line for the packaging details for one compliance view. If you enter more than one line for one compliance view, the packaging details data must be identical in all lines.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate your Data in the System

Log on to your SAP S/4HANA system as *Configuration Expert - Data Migration* and use the *Data Migration Status* app to validate your data in the system. Alternatively, use the following app:

Apps:	• For **not released** assessments, open the *My Packaged Dangerous Goods* app and select a product to navigate to the *Classify Packaged Dangerous Goods* app. Select a regulation to check the classification in the *Classify Dangerous Good - Packaged Product* app. • For **released** assessments, open the *Analyze Packaged Dangerous Goods* app, search for a product, and navigate to the *Classify Packaged Dangerous Goods* app. Select a regulation to check the classification in the *Classify Dangerous Good - Packaged Product* app.
Business Role:	*Dangerous Goods - Product Compliance* (SAP_BR_DG_SPLST_PCL)

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

1.283 *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.

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 *Text-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
- Basic Description

Prerequisites

The following objects must have already been maintained or migrated:

- PSS - Product compliance info [page 885] (object for migrating compliance views)

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Regulation (mandatory)	
2		Basic Description

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate Your Data in the System

Log on to your SAP S/4HANA system as *Configuration Expert - Data Migration* (`SAP_BR_CONFIG_EXPERT_DATA_MIG`) and use the *Data Migration Status* app to validate your data in the system. Alternatively, use the following SAP Fiori app:

Apps:	• For **not released** assessments, open the *My Unpackaged Dangerous Goods* app and select a product to navigate to the *Classify Unpackaged Dangerous Goods* app. Select a regulation to check the classification in the *Classify Dangerous Good - Unpackaged Product* app. • For **released** assessments, open the *Analyze Unpackaged Dangerous Goods* app, search for a product, and navigate to the *Classify Unpackaged Dangerous Goods* app. Select a regulation to check the classification in the *Classify Dangerous Good - Unpackaged Product* app.
Business Role:	*Dangerous Goods - Product Compliance* (`SAP_BR_DG_SPLST_PCL`)

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

1.284 *Document info record*

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

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.

In Scope

Migration to SAP S/4HANA is supported.

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:

- *Document info record* (to create a Document Info Record with reference)
- 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.285 *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.

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 872]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.286 *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.

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 892]
- PM - Functional location [page 907]
- Characteristic [page 801]
- QM/PM - Catalog code group/code [page 1052]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.287 *PM - Maintenance notification*

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

> → Tip
>
> For this migration object, the *Custom Fields and Logic* app is available. 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 Note 2726010 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. Also see the Extensibility section in the SAP S/4HANA Cloud 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 the maintenance department to perform a necessary task, and documents the work that has been performed. Maintenance notification is the means by which company notifications are created and managed in the area of plant maintenance.

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)
2. *Notification Partner* is supported only for notification types *M2* and *M3*.
3. Internal numbering

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
11. External numbering

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 must have already been maintained or migrated:

- PM - Functional location [page 907]
- PM - Equipment [page 892]
- Assembly via Product [page 1028]
- Work center/Resource [page 1127]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.288 *EFD - Reinf report*

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'.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 - Background Information.

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

1.289 *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.

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 880]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Location Hierarchy Revision (mandatory)
2	Location Hierarchy (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.290 *EHS - Location*

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

> **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	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.

In Scope

Migration to SAP S/4HANA is supported.

1. Migration of Location Revision
2. Migration of Location Revision Texts
3. Migration of Persons Responsible

Out of Scope

1. Environmental Details
2. Documents

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Location Revision
- Location Revision Texts
- Persons Responsible

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Location Revision (mandatory)	
2		Location Revision Texts
2		Persons Responsible

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.291 *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.

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
- Chemical Composition
- Chemical Component
- Material Assignment
- Bulk Assignment
- Purpose Assignment
- Supplier Material Assignment

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]
- Supplier [page 1117]
- PSS - Substance [page 1079]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Chemical compliance view (mandatory)		
2		Chemical composition	
3			Chemical component
2		Material assignment	
2		Bulk assignment	
2		Purpose assignment	
2		Supplier material assignment	

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
   - Chemical composition
   - Chemical component (substances)
   - 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

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

1.292 *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.

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
- Chemical Composition
- Chemical Component
- Component before and after production
- Legal deviation and substitute substances
- Application
- Material Assignment
- Market Coverage
- Market Request
- Bulk Assignment

- Purpose Assignment

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]
- PSS - Substance [page 1079]
- PSS - Raw material compliance info [page 882]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name		
1	Chemical compliance view (mandatory)		
2		Chemical composition	
3			Chemical component
3			Component before and after production
3			Legal deviation and substitute substances
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
   - Chemical composition
   - Chemical component (substances or raw materials)
   - Component before and after production
   - Legal deviation and substitute substances
   - 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

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

1.293 *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.

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 892]
- Product [page 1028]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	BOM Header (mandatory)	
2		BOM Item

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.294 *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

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

- Suboperation

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 892]
- Product [page 1028]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.295 *PM - Equipment*

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

> → Tip
>
> For this migration object, the *Custom Fields and Logic* app is available. 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 Note 2726010 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. Also see the Extensibility section in the SAP S/4HANA Cloud 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.

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.

Out of Scope

- Partner synchronization is not supported. For further details, refer to the Mapping Instructions section.

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:

- CO - Cost center [page 954]
- Work center/Resource [page 1127]
- PM - Functional location [page 907]
- *Superordinate Equipment*: To use the *Superordinate Equipment* field, make sure that this value will be implemented in the PM - Functional location [page 907] first.

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.

Partner Synchronization

> **⚠ Restriction**
>
> You cannot synchronize IHPA partners and equipment partners (`EQUI/EQUZ`) with function module `DMC_MIG_EQUIPMENT`.

The *CurCustomer* (`EQUI-KUNDE`) field will not automatically populate fields in the `EQUI` or `EQUZ` tables according to your customizing. The data synchronization is only available in transactions such as `IE02`. Also see 3623836 - MIG: Equipment, Partner synchronization during migration.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.296 *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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.297 *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".

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.

  > ⓘ 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.

  > ⓘ 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.

> ⓘ 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 954]
- CO - Profit center [page 1018]
- CO - Activity type [page 961]
- Product [page 1028]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Master Details (mandatory)	
2		Inventory
2		Time-Dependent Data
2		Allocations
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.

  > ⓘ 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.298 *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

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

- Suboperation

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 907]
- Product [page 1028]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.299 *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.

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 907]
- Product [page 1028]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	BOM Header (mandatory)	
2		BOM Item

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.300 *PM - Functional location*

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

> → Tip
>
> For this migration object, the *Custom Fields and Logic* app is available. 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 Note 2726010 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. Also see the Extensibility section in the SAP S/4HANA Cloud 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.

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 954]
- Work center/Resource [page 1127]
- PM - Equipment [page 892]

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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.301 *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

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

- Suboperation

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 1028]

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)	
2	Operations (mandatory)	
3		Production Resource/Tools
3		Material Components
3		Maintenance Packages

Tasks

1. Download the migration template from the Migration Cockpit.

2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.302 *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.

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

Level	Name	
1	General Data (mandatory)	
2		Controlling Area Data
2		Company Code Data
2		Account Names
2		Account Keywords

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.303 *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.

In Scope

Migration to SAP S/4HANA is supported.

The following GL account types are supported:

1. **X** - Balance sheet account.

Note that the combination of balance sheet account with controlling area/cost element data is not supported. Exceptions are statistical cost elements with cost element category 90.

2. **N** - Non-Operating expense or income profit and loss account that is used in FI only.
   Refer to SAP Note 2747998 for more information.
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.
5. **C** - Cash account.

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

Level	Name	
1	General Data (mandatory)	
2		Controlling Area Data
2		Company Code Data
2		Account Names (mandatory)
2		Account Keywords

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.

There, choose your SAP S/4HANA release from the *Version* field.
Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.304 *FI - G/L account balance and open/line item (restricted)*

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

For this migration object, the *Custom Fields and Logic* app is available. 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 Note 2726010 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. Also see the Extensibility section in the SAP S/4HANA Cloud 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 896] migration object. You must NOT migrate these balances with the *FI - G/L account balance and open/line item (restricted)* migration object. Therefore, you must ensure that your migration file for G/L account balance doesn't contain any records for fixed asset balances.

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 (restricted) [page 921] 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 (restricted)* 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)
- Country-specific (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 is used for all migration objects, which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 896] 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 954]
  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 1018]
  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 895]

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 road map viewer: https://go.support.sap.com/roadmapviewer/#/group//roadmap/IMPS4HANACLDENMGMT/node/901B0E6D3F501ED788F20B5936A6DF96:
- 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 possibility 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 be aware 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 BH5 test script:
  - 39914000 (Initial FI-AR offset)
  - 39915000 (Initial FI-AP offset)
  - 39916000 (Initial other GL offset)
  - 39917000 (Initial other Open Item GL offset)

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)
2	Italy Specific
2	Russia Specific
2	South Korea Specific
2	Mexico Specific

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.305 *FI - Historical balance (restricted)*

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.

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)

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. 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 is used for all migration objects, which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 896] 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 914]
  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:
  - *Balance Carry Forward* (BCF) – intended for profit and loss accounts only:
    Posts the initial cumulative balance in the first period provided. The subsequent movements are provided by the migration template and are posted at the end of each following period. The cumulative balance is increased or reduced by the amount of the subsequent movements. The latest cumulative

balance is carried from one period to the next if no further subsequent movements are provided by the migration template. The balance is reverted automatically in the period of the migration key date, which is predefined via the *Define Settings for Legacy Data Transfer* app.

- *Next Period Movement* (NPM):
  Posts each uploaded balance at the end of the posting period and reverts it in the 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

> **Note**
>
> Job parallelization is not supported. This migration object can only be used with one job at a time as the underlying API does not support parallel processing.

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.

1.306 *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.

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 1052]
- QM - Selected set [page 1071]
- QM - Selected set code [page 1073]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.307 *QM - Inspection plan (deprecated)*

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

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

This migration object does not support internal number ranges.

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 1052]
- QM - Selected set [page 1071]
- QM - Selected set code [page 1073]
- QM - Inspection method [page 925]
- QM - Master inspection characteristic [page 1000]

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

' ' - Quantity, valuation, and confirmation (production)

1 - Quantity, valuation (production)

2 - Valuation

3 - Automatic valuation based on inspection point definition

Mapping Structure Hierarchy

Level	Name		
1	Task List Header (mandatory)		
2		Material Task List Assignment (mandatory)	
2		Operations (mandatory)	
3			Inspection Characteristics

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.308 *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

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 1052]
- QM - Selected set [page 1071]
- QM - Selected set code [page 1073]
- QM - Inspection method [page 925]
- QM - Master inspection characteristic [page 1000]

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.

Change Rule (General Data)

The *Change Rule* field in the *Change Parameters* group on the *General Data* structure (`S_PLKO-CHRULE`) supports the following values only:

- Space - No
- 1 - With change number

Other values, regarding engineering change order (ECO) or change record (ECR) with and without change record type are not supported anymore. For details, see 2924230 and 2267918.

You can migrate supported values only. If you try to use values that are not supported, the error message **C5 665** is displayed: `Enter a change type for change rule &`.

Mapping Structure Hierarchy

Level	Name			
1	Task List Group (mandatory)			
2		General Data (mandatory)		
3			Material Assignment	
4			Operations	
5				Characteristics

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.309 *Material inspection setup*

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

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.

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 1028]

Mapping Instructions

- During migration, you can choose via control parameter whether the inspection setup data should be taken from the source file 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.310 *CO - Internal order*

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

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.

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 1018]
- CO - Cost center [page 954]

Mapping Instructions

Order Number

When you configure the internal order for external numbering, you need to provide any alphanumeric order number in uppercase format. This applies to both the migration template and staging tables.

Mapping Structure Hierarchy

Level	Name	
1	Internal order master data (mandatory)	
2		Settlement rule data

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.311 *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

> ### Note
>
> For special stock indicators 'O' and 'V', the stock can only be posted 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*

> ### Note
>
> For *Vendor consignment* stock, please provide special stock indicator 'K' and the vendor.
>
> For *Customer consignment* stock, please provide special stock indicator 'W'and the customer.
>
> For *Returnable packaging* stock, please provide special stock indicator 'V' and the customer.
>
> For *Parts provided to vendor* stock, please provide special stock indicator 'O' and the vendor.
>
> For *Orders on hand*, please provide special stock indicator 'E' and the sales order with the corresponding item
>
> For *Project* stock, please provide special stock indicator 'Q' and the WBS element
>
> For *Materials* which are serial managed, please provide for each serial number one item with quantity 1.
>
> For *Materials* which are batch managed, please provide the corresponding batch. If the batch doesn't exist the system will create it within the goods movement posting.

Out of Scope

1. The following types of transactions/events are not supported:
   - `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
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 are not 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/features are 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 must define an overall migration key date for each company code. This migration key date is used for all migration objects, which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 896] 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:

- Product [page 1028]: If you don't provide the external amount for the stock load the system will calculate the value with the material prices defined in the material master in the accounting data. Please ensure in that case that the price data provided in the material master is accurate.
- Batch unique at material and client level [page 788] (otherwise the system will create the batch automatically during stock posting).

> **Note**
>
> In the case of single batch valuation you have to migrate the batches with a valid valuation category assigned before you can post inventory. In this case we do not allow automatic creation of the batch and the valuation category during inventory posting.

- Supplier [page 1117]/Customer [page 852] (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 1045] with info category *Consignment* (only relevant for vendor consignment stock)

Mapping Instructions

General Information

You can use the *Technical Item Number* field on the *Material Document Item* sheet itself to determine the numbers of items posted according to the unique identifier entered on the *Material Document Header* sheet. SAP recommends that you structure the document with a maximum of 1000 records per document.

> **Note**
>
> The *Technical Item Number* field on the *Material Document Item* sheet and the *Technical Document Number* on the *Material Document Header* sheet are not mapped to a target field.

Mapping of the *Batch Number* field on 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. In this case you have to provide a valid batch. The valuation category must be assigned in the batch itself.

Mapping of the *External Amount in Local Currency* field on the *Material Document Item* sheet

The valuation of the stocks to be entered depends on two factors:

- The price and type of price control defined in the accounting data of the material master record
- Whether or not you provide 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 provide 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 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 do not enter a value when entering initial data, the quantity entered is valuated at the moving average price. In this case, the moving average price does not change.

Mapping Structure Hierarchy

Level	Name	
1	Material Document Header (mandatory)	
2		Material Document Item (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.312 *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.

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 943]
- 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	
2		General overhead		
3			Stepped rate overhead	
3			Stat. ratio - Producing	
4				Stat. ratio - Producing thresholds
3			Stat. ratio - Drilling	
2		Parent company overhead		

Level	Name	
2		Payroll burden
2		CI penalties

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.313 *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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate your Data in the System

Transaction GJ2B

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

1.314 *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.

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

> **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 952]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	JV Cost center in Suspense

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.315 *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, 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.

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

> **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 952]

Mapping Structure Hierarchy

Level	Name
1	JVA - Venture in suspense

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.316 *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.

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

> **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 952]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	JV Project in suspense

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.317 *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.

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 JV Level - Funding Currency

Prerequisites

The following objects must have already been maintained or migrated:

- JVA - Joint venture partner [page 943]
- JVA - Joint operating agreement [page 941]

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 JV Level - Funding Currency	

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate Your Data in the System

Transaction GJVV

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

1.318 *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.

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 1018]
- JVA - Joint venture master data [page 952]

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, the error message `KS 070 – Area <XYZ> cannot be used here.` is displayed.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.319 *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.

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	EA	90,00000	EUR

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.320 *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.

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 1028] and Customer [page 852]) 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)

Level	Name	
2		Listing/Exclusion condition keys (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.321 *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

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.

Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.322 *PM - Maintenance item*

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

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.

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 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

Prerequisites

The following objects must already have been maintained or migrated:

- PM - Equipment [page 892]
- PM - Functional location [page 907]
- Work center/Resource [page 1127]
- Cost element
- PM - General maintenance task list [page 909]
- PM - Equipment task list [page 889]
- PM - Functional location task list [page 902]

Mapping Instructions

Maintenance Item Number

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.

Mapping Structure Hierarchy

Level	Name
1	Maintenance Item (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.323 *PM - Maintenance plan*

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

> → Tip
>
> For this migration object, the *Custom Fields and Logic* app is available. 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 Note 2726010 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. Also see the Extensibility section in the SAP S/4HANA Cloud 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

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

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

Prerequisites

The following objects must have already been maintained or migrated:

- PM - Equipment [page 892]
- PM - Functional location [page 907]
- PM - Equipment task list [page 889]
- PM - Functional location task list [page 902]
- PM - General maintenance task list [page 909]
- Work center/Resource [page 1127]
- PM - Measuring point [page 872] (performance-based maintenance plan)
- PM - Measurement document [page 870] (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).

Mapping Structure Hierarchy

Level	Name	
1	Maintenance Plan Data (mandatory)	
2		Maintenance Item Data (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.324 *Product classification - Commodity code*

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

> ⚠ Caution
>
> A prerequisite for this object (previously named *Material commodity code*) to be visible is that either the *Intrastat Processing* (BDT) or the *SAP Global Trade Services Integration - Primary Master Data* (1WA) scope item is activated. Refer to the *Set-up instructions* on SAP Best Practices Explorer for BDT and/or 1WA to activate the respective scope item.

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.

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 1028]

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate your Data in the System

App:	*Classify Products - Commodity Codes* (`F2151`)
Business Role:	*Trade Classification Specialist* (`SAP_BR_TRD_CLS_SPECIALIST`)

> **Note**
>
> Also see SAP Knowledge Base Article 2432527 *S/4HANA - Define Commodity Codes and (re-)classify products*.

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

1.325 *Material - Forecast planning*

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

> **Restriction**
>
> - To migrate material consumptions, please use the new Product consumption [page 1020] 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.

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.

  > ⓘ Note
  >
  > The system sets the *Fixing* indicator automatically.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]

Mapping Instructions

Restrictions

You can migrate several organization levels for a specific material with one migration template belonging to a specific project.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.326 *Material- extend exist record 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.

Purpose

Business Object Component/Area	Material Master (LO-MD)
Business Object Type	Master data
Business Object Definition	Logistics Basic Data (LO-MD) The total of all material master records. A company manages the data for all its materials in the material master.

In Scope

> **Note**
>
> With this migration object, you can extend existing materials by new organizational levels (for example, plant, sales organization, or storage location).
>
> A material view, such as *Accounting* or *Costing*, contains fields of different organizational levels (for example, basic, plant, or accounting data). Therefore, we do not recommended enhancing a material by a different material view.

Migration to SAP S/4HANA is supported.

1. Extend already existing materials with new organizational levels
2. Basic data (only fields that might become relevant when you migrate new organizational units)
3. Plant data
4. Storage location
5. Accounting data

   > **Note**
   >
   > The valuation data is a prerequisite for loading the stocks with the Material inventory balance [page 936] migration object, because the system will calculate the values of the stock posting with the price data provided in the material master (only relevant if you do not use the external amount field during the migration of inventory balances).

6. Sales data
7. Descriptions data
8. Units of measure data
   In this view, you can maintain alternative units of measure.
9. Tax classifications
   In this view, you can maintain the tax data (from Sales Org Data 1) and the tax indicator for material (Purchasing)
   For tax data, (Sales) please provide the country, tax category, and tax classification. If you have more than one tax category for a country, please use the*Tax category 2*/*Tax classification 2* fields. Further on, use the *Tax classification* sheet to provide the additional tax data.
   For the tax indicator for material (Purchasing), please enter the value in the *Tax indicator for material* field on the *Tax classification* sheet for the country relating to your plant.
10. Warehouse number data
11. Storage type data
12. Production Resource Tool (PRT) fields in the Material Master
13. Data transfer for forecast values

Out of Scope

1. Material long text
2. Data transfer for unplanned consumption

3. Data transfer for total consumption of material
4. Data transfer of MRP areas
5. Data transfer of prices for different group currencies
6. Changing existing data

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Basic Data
- Plant Data
- Storage Location Data
- Accounting Data
- Sales Data
- Description Data
- Unit of Measure Data
- Tax Classification Data
- Warehouse Number Data
- Storage Type Data
- Production Resource Tool (PRT)
- Forecast Parameters

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]
- CO - Profit center [page 1018]

Mapping Instructions

Basic Data

On the *Basic Data* sheet, we only offer fields that might become relevant when you migrate a new organizational unit. This can be the case, for example, when you migrate a new plant including purchasing relevant data (such as the purchasing group). In this case, it might also become necessary to fill in the *Order Unit* field on the *Basic Data* sheet.

> **Note**
>
> If a field already has a value in the related material master, you cannot add a value in the corresponding field on the *Basic Data* sheet. You are not allowed to change existing values on the material master. Instead,

you can use the *Manage Mass Maintenance - Products* app. For more information, refer to the online documentation of the *Manage Mass Maintenance – Products* app.

Batch Management Requirement Indicator

If you want to migrate a new plant that is batch managed for a material that is currently not defined for batch management on material level, you have to set the *Batch management requirement indicator* on the *Basic Data* sheet and the *Batch management requirement indicator* on the *Plant Data* sheet.

New storage location to an existing plant

If you want to migrate a new storage location to an already existing plant, please provide only the key fields on 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 provide other values on the *Plant Data* sheet, an error message is displayed.

Recommendation on how to handle cross-plant material status and plant-specific material status

If you set the material status while loading the materials after the initial data migration, please be aware that the status settings may mean that posting follow-on migration objects leads to an error.

For example, in the SAP standard delivery, material status 01 is configured in such a way that an error message is triggered while posting the inventory. Consider that when you assign the status, the use of the material can be restricted. Depending on the status, the system issues either a warning message or an error message for follow-on postings. Therefore, we recommend that you consider this field carefully so that you do not run into follow-on problems during the data migration process. You can 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 to manage and start the *Manage Mass Maintenance – Products* app. You can open the app from the 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 the respective values

For more information, refer to the online documentation of the *Manage Mass Maintenance – Products* app.

Single Batch Valuation

Single batch valuation enables you to valuate stocks of material for each batch in a different way. You can use it 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 valuation category *X - for Automat. Batch*. Please provide this on the *Accounting Data* sheet in the *Valuation Category* field.

> **Note**
>
> You need to manage the material itself in batches. Therefore, you have to provide the *Batch management requirement indicator* on the *Basic Data* sheet.

If you use the single batch valuation for your material, you have to define a valuation header record with specified valuation category X, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with its own price information.

Material No.	Valuation Area	Valuation Type	Valuation Category
A001	1010		X (Automat. Batch)
A001	1010	C1	X (Automat. Batch)
A001	1010	C2	X (Automat. Batch)

> **Note**
>
> For the valuation header record, only price control **'V' - moving average price** is possible. For the dependent records of each valuation type, you can choose between moving average price or standard price.

Split Valuation

Split valuation enables you to valuate stocks of material in the same valuation area in different ways. If you use split valuation for your material, you have to define a valuation header record with a specified valuation category, initial valuation type, and a dependent record for each valuation type.

For example:

Material No.	Valuation Area	Valuation Type	Valuation Category
A001	1010		H (Origin)
A001	1010	Domestic	H (Origin)
A001	1010	Foreign	H (Origin)

Mapping Structure Hierarchy

Level	Name		
1	Basic Data (mandatory)		
2		Plant Data	
3			Storage Location Data
3			Forecast Parameters
3			Production Resource Data
2		Warehouse Number Data	
3			Storage Type Data
2		Accounting Data	
2		Sales Data	
2		Material Descriptions	
2		Alternative Units of Measure	
2		Tax Classification	
1	Settings Maintenance Status		

Maintenance Status Settings

Just like the organization-dependent data, the material master data is also organized into views (*Purchasing* view , *Accounting* view, and so on). These views are represented as tabs in your SAP Fiori app and as material

master transactions (MM01, MM02, MM03) in the on-premise system. You can assign fields to multiple views. The *Purchasing Group* field, for example, is assigned to the *Purchasing* and to the *MRP* views. Each view may have different mandatory fields to maintain. A view is assigned a specific letter. For example, the letter **D** is assigned to the *MRP* view, whereas the letter **E** is assigned to the *Purchasing* view. There are two different methods of defining the maintenance status that should be available for the specific material that you want to extend:

1. The system detects automatically the maintenance status of the fields that are used. In our example, the *Purchasing Group* is available for the *Purchasing* view **E** and the *MRP* view **D**. The maintenance status will therefore be **DE** for this field. This procedure is followed for all mapped fields, after which a combined maintenance status of all fields will be available, for example: **BELV**.
2. To define the views to be created, you use the *Maintenance Status Settings* sheet of your migration object template. In the *Material Views* field, you define a name for your view definition. For example, you enter **PLANT_HAWA** to define the maintenance status of the plant-specific data for materials of this type that you want to extend. For each view that you want to create, you must enter **x** in the specific *Material Views* column of that sheet, for example: **PLANT_HAWA**
   - Sales Data = **X**
   - Purchasing Data = **X**
   - MRP Data = **X**
   - Storage Data =**X**
   - Accounting Data = **X**

   You enter **PLANT_HAWA** in the *Material Views* field on the *Plant Data* sheet for all trading goods materials of type *HAWA* that you want to extend. You always have to provide values for both fields. As a result, only the selected views are created for these materials.

> ⓘ Note
>
> If you maintain the status using method 2, only the selected views will be created.
>
> For example: You maintain the status for *Sales Data* (V) but not for *Accounting Data* (B). You maintain values for fields on the *Accounting Data* sheet. As a result, the status for the *Accounting* view will not be set.
>
> Additional examples:
>
> - If you want to create a material with a specific *Purchasing Group*, the system will determine the *Purchasing* view and the *MRP* view to be filled. However, you do not want to maintain the fields in the *MRP* view.
>   Solution: In this case, you also have to provide values for mandatory fields like *Availability Check* and *MRP Type* in the *MRP* view. To avoid this, choose method 2 and select only the *Purchasing* view as the view to be created.
> - You want to have the *Storage Location* view created automatically for a material and its storage location by migrating its inventory stock.
>   Solution: You need to set the maintenance status explicitly for the *Storage Location* (L) on the *Plant Data* level (also refer to SAP Note 62913).

Tasks

1. Download the migration template from the Migration Cockpit.

2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

Follow-On Activities

You can use the Material - extend existing record with long text [page 979] migration object to migrate material-related long texts.

You can use the Material - Forecast planning [page 969] migration object to migrate material consumptions and forecast values (only supported for on premise).

How to Validate Your Data in the System

App:	*Manage Mass Maintenance – Products* (App ID `F2505`)
Transaction MM03	*Display Material*
Transaction MM50	*Material List*

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

1.327 *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.

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 1028]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.328 *Material - extend existing record with long text*

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

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 itself. 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.

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 only transfer MRP long texts 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 must have already been maintained or migrated:

- Product [page 1028]

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.

Mapping Structure Hierarchy

Level	Name	
1	Material (mandatory)	
2		Material long text
2		MRP long text
2		Sales long text

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.329 *VC - Material variant*

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

> ⚠ Restriction
>
> This data migration object supports data migration only for the Advanced Variant Configuration (AVC) data model. If you'd like to migrate data for the Logistics General-Variant Configuration (LO-VC) data model, we recommend using Product Data Replication (PDR) instead.
>
> For more information, refer to PLM Product Data Replication.

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.

In Scope

Migration to SAP S/4HANA is supported.

1. Class type variants (300) is supported.

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 1028]
- Object classification - General template [page 813]
- VC - Configuration profile [page 832]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Characteristic Valuation

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate your Data in the System

Not available.

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

1.330 *SD - Material determination*

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

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 1028]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Material Substitution (mandatory)

For more information, see the field description in the template file.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.331 *Material (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.

Purpose

Business Object Component/Area	Material Master (LO-MD)
Business Object Type	Master data
Business Object Definition	Logistics Basic Data (LO-MD) The total of all material master records. A company manages the data on all its materials in the material master.

In Scope

Migration to SAP S/4HANA is supported.

1. Initial Load of Material Master
2. Split Data Load of Material Master
   If you want to save time and load your material master days or weeks before your cutover, you can load the "pure" material master, without valuation master data, as a first step. Later, you can use the Material-extend exist record by new org levels (deprecated) [page 971] migration object to migrate the valuation data. This could also be very helpful if you, for example, migrate Bill of Material objects (Material BOM) where the material master is a prerequisite. As the valuation values continue to change until the cutover, they should be migrated shortly before going live. You can save time by stretching the timeline for the data migration.
3. Basic Data
4. Plant Data
5. Storage Location
6. Accounting Data

   > **Note**
   >
   > The valuation data is a prerequisite for loading the stocks with the Material inventory balance [page 936] migration object. This is because the system calculates the values of the stock posting with the price data provided in the material master (only relevant if you don't use the external amount field during migration of the inventory balances).

   In the case of **Single Batch Valuation**, please follow the mapping instructions provided.
7. Sales Data
8. Description Data
   In this view, you can maintain additional descriptions (for languages other than those provided on 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* on the *Basic Data* sheet).
10. Tax Classifications
    In this view, you can maintain the *Tax data* (from Sales Org Data 1) and the *Tax indicator for material (Purchasing)*.
    For *Tax Data (Sales)*, provide the country, the tax category, and the tax classification. If you have more than one tax category for a country, use the *Tax category 2/Tax classification 2* fields and, further on, the *Tax classification* sheet to provide the additional tax data.
    For *Tax indicator for material (Purchasing)*, enter the value in the *Tax indicator for material* field on the *Tax classification* sheet for the country relating to your plant.
11. Maintenance Status Settings (maintain the views for your materials).
    For more details, see the *Maintenance Status Settings* section under *Mapping Instructions* below.
12. Warehouse Number Data
13. Storage Type Data
14. Production Resource Tool (PRT) Fields in the Material Master
15. Data Transfer for Forecast Values
16. Data for Quality Management

17. Additional EANs

Out of Scope

1. Internal numbering is not supported.
2. Material long text (therefore, use the Material - extend existing record with long text [page 979] migration object)
3. Data Transfer for Unplanned Consumption
4. Data Transfer for Total Consumption of Material
5. Enhance already existing data
   If you want to enhance an existing material, use the Material- extend exist record by new org levels (deprecated) [page 971] migration object.

> ⚠ 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. This can be done with the following apps:
>
> - Use the Replicate by Object Selection app to specify the product numbers to be replicated and execute the replication.
> - Use the Replicate by Replication Model app if many product numbers need to be replicated with the respective filter criteria, if needed.
>
> 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
- Plant Data
- Storage Location Data
- Accounting Data
- Sales Data
- Description Data
- Unit of Measure Data
- Tax Classification Data
- Warehouse Number Data
- Storage Type Data

- Production Resource Tool (PRT)
- Forecast Parameters

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Profit center [page 1018]
- Supplier [page 1117] (Manufacturer)

Mapping Instructions

- Be aware of the defined length set for the material number in the system. Do not convert a material number to a new number that is longer than the set defined length.
- If the *Material ID* is to be used for integration with external systems, it can be switched on during migration. In this connection, you must also maintain the *Business System ID* of your source system (to be used for integration) in the *Convert Values* step. This is to ensure that the key mapping will be added to the central key mapping store of the SAP S/4HANA system.

Indicator material is configurable

Consider the following: If you are dealing with the *KMAT - Configurable materials* material type, the system will always set this indicator. In this case, the *Item* category will also be defaulted if you do not support this on the migration template. For KMAT materials, the procurement type will always be set to *E - In-house production*.

If you want to set the indicator material as configurable for materials with other material types assigned (not KMAT), you have to enter this indicator on the *Basic Data* sheet in the *Material 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 or not. You can maintain this setting via the SSCUI. Therefore, 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 material is managed in batches, on the *Basic Data* sheet of the migration template, under *Multiple View Data*, set the *Batch management requirement indicator*. If you fill out this field, the system will set the *Batch management requirement indicator* automatically for all plants defined on the *Plant Data* sheet for this material. This is applicable for all plants that are not flagged with the *Batch management not active by default* indicator in the SSCUI.

Recommendation on how to handle cross-plant material status and plant-specific material status

If you set the material status during initial load of the materials, do consider that depending on which status you want to assign, follow-on migration objects can't be posted. Posting may lead to an error depending on the status settings.

Example: In SAP standard delivery, the material status **01** is configured in such a way that you will receive an error message during posting of inventory. Consider that by assigning this status, the use of the material can be restricted. Depending on the status, the system issues either a warning message or an error message for follow-on postings. Therefore, SAP recommends that you consider this field carefully so that you do not run into follow-on problems during the data migration process. You can set the content of these fields after the initial data migration 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 to manage and start the *Manage Mass Maintenance – Products* app. The app can be launched from the 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:

- which master data objects are to be updated.
- which tables and fields are to be updated, and the respective values

> **Note**
>
> For further information, refer to the online documentation of the *Manage Mass Maintenance – Products* app.

Single Batch Valuation

Single Batch Valuation enables you to valuate stocks of material for each batch in a different way. You can use it 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 valuation category *X - for Automat. Batch*. Provide this on the *Accounting Data* sheet in the *Valuation Category* field.

> **Note**
>
> The material itself needs to be managed in batches. Therefore, you have to provide the *Batch management requirement indicator* on the *Basic Data* sheet.

If you use the single batch valuation for your material, you have to enter the valuation records as follows:

- You have to define a valuation header record with specified valuation category **X**, and an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with the respective price information.

For example:

Material No.	Valuation Area	Valuation Type	Valuation Category
A001	1010		X (Automat. Batch)
A001	1010	C1	X (Automat. Batch)
A001	1010	C2	X (Automat. Batch)

> **Note**
>
> For the valuation header record, only price control *V - moving average price* is possible. For the dependent records for each valuation type, you can choose between *moving average price* or *standard price*.

Split Valuation

Split valuation enables you to valuate stocks of material in the same valuation area, in different ways. If you use the split valuation for your material, you have to enter the valuation records as outlined below.

Define a valuation header record with a specified valuation category and an initial valuation type as well as a dependent record for each valuation type.

For example:

Material No.	Valuation Area	Valuation Type	Valuation Category
A001	1010		H (Origin)
A001	1010	Domestic	H (Origin)
A001	1010	Foreign	H (Origin)

Mapping Structure Hierarchy

Level	Name		
1	Basic Data (mandatory)		
2		Plant Data	
3			Storage Location Data
3			Forecast Parameters
3			Production Resource Data
2		Warehouse Number Data	
3			Storage Type Data
2		Accounting Data	
2		Sales Data	
2		Material Descriptions	
2		Alternative Units of Measure	
2		Additional EANs	
2		Tax Classification	
1	Maintenance Status Settings		

Maintenance Status Settings

As well as the organizational-dependent data, the material master data is also organized using so called views (Basic, Purchasing, Accounting view, and so on). These views are represented as tabs in your SAP Fiori app and as material master transactions (MM01, MM02, MM03) in the on-premise system. Fields can be assigned to multiple views. The *Purchasing Group* field, for example, is assigned to both the *Purchasing* and the *Manufacturing* views. Each view may have different mandatory fields to maintain. A view is assigned a specific letter. For example, the *MRP* view has the letter *D* whereas the *Basic Data* view has the letter *K* assigned.
A combination of letters that represents the available views for a specific material is stored in a field called *Maintenance Status*. In the *Administrative Data* field group of the migration object template, the maintenance status can be defined differently for the following sheets :

- *Basic Data*

- *Plant Data*

You always have to provide the material maintenance status. We do not support an automatic maintenance status determination.

There are two different procedures to define the maintenance status that should be available for a specific material:

1. You can define the views to be created by using the *Maintenance Status Settings* sheet/tab of your migration object template.
   - Here, you define a name for your view definition in the *Material Views* field. For example:
     - BASIC_HAWA to define the overall maintenance status for material of the trading goods type (Handelsware, HAWA) and
     - PLANT1_HAWA to define the maintenance status for the plant-specific data for materials of that type (for plant PLANT1).
     - PLANT2_HAWA to define the maintenance status for the plant-specific data for materials of that type (for plant PLANT2).
   - For each view you want to create, you must enter **X** in the specific *Material Views* column of that sheet/tab.
   - For example: BASIC_HAWA
     - *Basic Data* = **X**
     - *Sales Data* = **X**
     - *Purchasing Data* = **X**
     - *MRP Data* = **X**
     - *Storage Data* = **X**
     - *Accounting Data* = **X**
   - For example: PLANT1_HAWA
     - *Sales Data* = **X**
     - *Accounting Data* = **X**
   - For example: PLANT2_HAWA
     - *Purchasing Data* = **X**
     - *MRP Data* = **X**
     - *Storage Data* = **X**
     - *Accounting Data* = **X**
   - Then you fill the *Material Views* field on the *Basic Data* sheet/tab with BASIC_HAWA for all trading goods materials of type HAWA. You also fill the *Material Views* field on the *Plant Data* sheet/tab with PLANT1_HAWA for all trading goods materials of type HAWA for plant PLANT1, and with PLANT2_HAWA for plant PLANT2. You must always provide values for both fields. As a result, only the selected views are created for these materials.
2. If you are familiar with maintenance status and the specific letters, or if the data source is an extract of a prior SAP ERP system, you can fill the following fields directly with the respective data from the *Maintenance Status* field (PSTAT) of the SAP ERP source table. In this case, it is not necessary to maintain both the *Maintenance Status Settings* sheet/tab **and** the *Material Views* source field.
   - *Material Maintenance Status* field on the *Basic Data* sheet/tab.
   - *Plant Maintenance Status* on the *Plant Data* sheet/tab.
   - Possible values and combinations of these:
     - **A** = Work Scheduling;

- **B** = Accounting;
- **D** = MRP;
- **E** = Purchasing;
- **F** = PRT;
- **G** = Costing;
- **K** = Basic;
- **L** = Storage;
- **P** = Forecast;
- **Q** = QM;
- **S** = Warehouse management;
- **V** = Sales.

- For example: **BEKLV**.

More details on the maintenance status can be found in SAP Note 2145027.

> **Note**
>
> If you maintain the status using method 1 or 2, only the selected views will be created.
>
> For example: You maintain the status for *Basic Data (K)* and *Sales Data (V)*, but not for *Accounting Data (B)*. You maintain values for fields on the *Accounting Data* sheet/tab. As a result, the status for the *Accounting* view will not be set.

Additional examples:

- If you want to create a material with a specific *Purchasing Group*, the system will determine the *Purchasing* view and the *MRP* view to be filled. However, you do not want to maintain the fields in the *MRP* view.
  Solution: In this case, you also have to provide values for some mandatory fields like *Availability Check* and *MRP Type* on the *MRP* view. To avoid this, choose procedure 2 or 3, and select only the *Purchasing* view as a view to be created.
- You want to have the *Storage Location* view created automatically for a material and its storage location by migrating its inventory stock.
  Solution: You need to set the maintenance status explicitly for the *Storage Location (L)* on the *Plant Data* level (see also SAP Note 62913).

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

Follow-On Activities

You can use the Material - extend existing record with long text [page 979] migration object to migrate material-related long texts.

You can use the Material - Forecast planning [page 969] migration object to migrate material consumptions and forecast values (only supported for on-premise solution).

You can use the Product classification - Commodity code [page 967] migration object to migrate product classification with commodity code.

How to Validate Your Data in the System

Transaction MM03	*Display Material*
Transaction MM60	*Material List*

Further Information

- SAP Knowledge Base Article 2811788 – *SAP S/4HANA Migration cockpit: Collective KBA for migration object Material*

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

1.332 *Xceptional case -Mat price chng for global curr (deprecated)*

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

> ⚠ Caution
>
> This migration object isn't available anymore as of release SAP S/4HANA 2020.
>
> Be aware that the following documentation for this migration object only reflects the status of release SAP S/4HANA 1909.
>
> To migrate material ledger prices, use the Product [page 1028] migration object. For mass changes, use the Upload Material Inventory Prices app.

Purpose

Business Object Component/Area	Actual Costing/Material Ledger (CO-PC-ACT)

Business Object Type	Transactional data
Business Object Definition	During migration of material master, 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 isn't the original price, you can use this migration object to change the price for the other deviant currencies. If you have to change your price, it's recommended that you do this before you migrate your material inventory balance. **Note** The system will post a price change document and, if stock of the material exists, a revaluation posting will be created.

In Scope

Migration to SAP S/4HANA is supported.

Out of Scope

1. Split valuation isn't supported for Cloud

Supported Features

The following structures/features are supported in SAP S/4HANA:

- Material
- Valuation Area
- Valuation Type
- Price Data
- Prices

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]
- Exchange rate [page 895]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Header Data (mandatory	
2		Price Data (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate Your Data in the System

Transaction MR21	*Price Change*

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

1.333 *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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.

There, choose your SAP S/4HANA release from the *Version* field.
Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.334 *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 829] 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.

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 1066])

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 829] 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 1045] migration object.

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]
- Supplier [page 1117]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 829] migration object.

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

1.335 *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.

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 1052]
- QM - Selected set [page 1071]
- QM - Selected set code [page 1073]
- QM - Inspection method [page 925]

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

- The version of the master data is 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. However, for each language, there's only one text line in the source file.

The object automatically separates the text line of the long text into several lines for each language.

Case Sensitivity

In the following fields, values can only be entered in uppercase.

- *Search Field*

- *Internal Characteristic Description* (characteristic description for quality data exchange)

Inspection Methods or Catalogs

If you enter a code group or selected set in the *Assigned Code Group or Selected Set* field, you must also provide the corresponding catalog type of the assigned code group or selected set in the *Cat. Type of Ass. Code Group or Sel. Set* field to avoid inconsistencies in the database.

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

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.336 *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.

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 852]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Destinations
2		External Status Mapping
2		Additional Reference text

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.337 *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.

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 1006]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Package Specification Detail (mandatory)	
2		Slot Group
2		Specification Description (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.338 *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.

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 1003]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Basic Data (mandatory)	
2		Tolerance

Level	Name	
2		Supply Control Description (mandatory)
2		Offset

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.339 *FI - Accounts payable open item (restricted)*

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	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.

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
- Country-specific (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 is used for all migration objects, which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 896] 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 914]
- Supplier [page 1117]
- CO - Profit center [page 1018]
  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 895]

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 its 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 to fill and save the value amounts in the migration file as 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).

    > **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 BH5 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 sheet/table One-Time Account Data.

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. In doing 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. That 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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 (restricted) [page 916] migration object.

How to Validate your Data in the System

Transaction FB01	*Post Document*
Transaction FB02	*Change Document*
Transaction FB03	*Display Document*

> **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.

1.340 *FI - Accounts receivable open item (restricted)*

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	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.

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
- Country-specific (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 is used for all migration objects, which are posting into financial accounting, except for the Fixed asset (incl. balances and transactions) [page 896] 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 914]
- Customer [page 852]
- CO - Profit center [page 1018]
  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 895]

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).

  > ### 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 BH5 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 sheet/table One-Time Account Data.

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
2	Slovakia Specific

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 (restricted) [page 916] migration object.

How to Validate your Data in the System

Transaction FB01	*Post Document*
Transaction FB02	*Change Document*
Transaction FB03	*Display Document*

> **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.

1.341 *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.

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

Segment

In the *Mapping Task* step, select an entry from the value help. The *Migrate Your Data* app does not validate the correctness of the mapping. If the segment is mapped incorrectly, error message `KM333 INVALID_FORMAT: SEGMENT` is displayed.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.342 *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.

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 1028]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.343 *Product - extend existing record by new org levels*

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	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.

In Scope

> **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, the tax category, and the tax classification. If you've more than one tax category for a country, 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 on the *Plant Data* sheet.
8. Plant Data
9. Forecasting Data
10. Storage Locations
11. Production Resources Tools
12. MRP Areas
13. Warehouse Number Data
14. Storage Type Data
15. Valuation Data (including Valuation Current Period Data and Valuation Future Price Data)

> **Note**
>
> The valuation data is a prerequisite for loading the stocks with the Material inventory balance [page 936] 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/records are possible.

1. Product long text (you can use the Material - extend existing record with long text [page 979] 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 GTIN's
- Distribution Chains
- Tax Classification
- Plant Data
- Forecasting Data
- Storage Locations
- Production Resources Tools
- MRP Area
- Warehouse Number Data
- Storage Type Data
- Valuation Data
- Valuation Current Period
- Valuation Future Price

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]

Mapping Instructions

Basic Data

On the *Basic Data* sheet, we only offer fields that might become relevant when you migrate a new organizational unit. This can be the case, for example when you migrate a new plant including purchasing relevant data (such as the purchasing group). In this case, it might also become necessary to fill in the *Order Unit* field on the *Basic Data* sheet.

> ⓘ Note
>
> If a field already has a value in the related product master, you can't add a value in the corresponding field on the *Basic Data* sheet. You are not allowed to change existing values on the product master. Instead, you can use the *Manage Mass Maintenance - Products* app. For more information, refer to the online documentation of the *Manage Mass Maintenance – Products* app.

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. 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 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.

New Storage Location to an Existing Plant

If you want to migrate a new storage location to an already existing plant, please provide only the key fields on the *Plant Data* sheet and leave all the other fields blank. You aren't allowed to change already existing values for an existing plant. If you provide other values on the *Plant Data* sheet, an error message is displayed.

New Forecasting Parameter to an Existing Plant

If you want to migrate forecasting parameter to an existing plant, please provide only the key fields on 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 provide other values on the *Plant Data* sheet, an error message is displayed.

New Production Resources Tools Data to an Existing Plant

If you want to migrate production resource tools data to an existing plant, please provide only the key fields on 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 provide other values on 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 on 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 provide other values on the *Warehouse Number Data* sheet, an error message is displayed.

Recommendation on how to Handle Cross-Plant Product Status and Plant-Specific Product Status

If you set the product status, the settings of the status 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 the 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. Therefore, we recommend that you consider this field carefully 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 to manage and start the *Manage Mass Maintenance – Products* app. You can open the app from the 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 the respective values

For more information, refer to the online documentation of the *Manage Mass Maintenance – Products* app.

Single Batch Valuation

Single batch valuation enables you to valuate stocks of product for each batch in a different way. You can use it 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 valuation category *X - for Automat. Batch*. Please provide this on the *Valuation Data* sheet in the *Valuation Category* field.

> **Note**
>
> You need to manage the product itself in batches. Therefore, you have to provide the *Batch management requirement indicator* on the *Basic Data* sheet.

If you use the single batch valuation for your product, you have to define a valuation header record with specified valuation category X, an initial valuation type, and a dependent record for each valuation type (one valuation type for each batch) with its own price information.

Product Number	Valuation Area	Valuation Type	Valuation Category
A001	1010		X (Automat. Batch)
A001	1010	C1	X (Automat. Batch)
A001	1010	C2	X (Automat. Batch)

> **Note**
>
> For the valuation header record only price control 'V' - moving average price is possible. For the dependent records for each valuation type, you can choose between moving average price or standard price.

Split Valuation

Split valuation enables you to valuate stocks of product in the same valuation area in different ways. 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 a specified valuation category and initial valuation type and also a dependent record for each valuation type.

For example:

Product No.	Valuation Area	Valuation Type	Valuation Category
A001	1010		H (Origin)
A001	1010	Domestic	H (Origin)
A001	1010	Foreign	H (Origin)

Mapping Structure Hierarchy

Level	Name		
1	Basic Data (mandatory)		
2		Additional Description	
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
2		MRP Area	
2		Warehouse Number Data	
3			Storage Type Data
2		Valuation Data	
3			Valuation Current Period
3			Valuation Future Price

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 test script.

Post-Processing

Follow-On Activities

You can use the Material - extend existing record with long text [page 979] migration object to migrate product-related long texts.

You can use the Material - Forecast planning [page 969] migration object to migrate product consumptions and forecast values (only supported for on premise).

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.

1.344 *Product*

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	Logistics Basic Data (LO-MD) The total of all product master records. A company manages the data on all its products in the product master.

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

> **Note**
>
> The valuation data is a prerequisite for loading the stocks with the Material inventory balance [page 936] 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**, please follow the mapping instructions provided.
7. Distribution Chain Data
8. Description Data
   In this view, you can maintain additional descriptions (for languages other than those provided on 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* on 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, tax category, and tax classification. If you've more than one tax category for a country, use the *Tax category 2/Tax classification 2* fields. To provide additional tax data, use the *Tax Classification* sheet further on.

> **Note**
>
> For the tax indicator of the product (purchasing), on the *Plant Data* sheet for the country relating to your plant, enter the value in the *Tax Indicator* field in the *Purchasing* group.

11. Production Resources Tools
12. Warehouse Number Data
13. Storage Type Data
14. Data Transfer for Forecast Values
15. Data for Quality Management
16. Additional EANs
17. Change Management assignment based on Change Number and Revision Level

Out of Scope

1. Production Resource Tool (PRT) fields in the Product Master

2. Material long text (therefore, use the Material - extend existing record with long text [page 979] migration object)
3. Data transfer for unplanned consumption
4. Data transfer for total consumption of material
5. Enhance already existing data
   For the *Product* migration object, you must currently use the Product - extend existing record by new org levels [page 1022] migration object. But 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 only supported by the *Product* migration object but not by the Product - extend existing record by new org levels [page 1022] migration object. Please bear this limitation in mind when using Product - extend existing record by new org levels [page 1022] to enhance data migrated with the *Product* migration object.
6. Classification data (therefore, use the Object classification - General template [page 813] migration object)
7. Inspection types (therefore, use the Material inspection setup [page 932] migration object)
8. Material variant (therefore, use the VC - Material variant [page 982] migration object)
9. Product consumption (therefore, use Product consumption [page 1020] migration object)
10. 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, if needed.
>
> 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 GTIN's
- Distribution Chains
- Tax Classification
- Plant Data

- Forecasting Data
- Storage Locations
- Production Resources Tools
- MRP Area
- Warehouse Number Data
- Storage Type Data
- Valuation Data
- Valuation Current Period
- Valuation Future Prices

Prerequisites

The following objects must have already been maintained or migrated:

- CO - Profit center [page 1018]
- Supplier [page 1117] (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 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.

Indicator Product is Configurable

Consider the following: If you are 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 support 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 on the *Basic Data* sheet in the *Product is configurable* field.

Batch Management Requirement Indicator

You can specify whether batch management at plant level is **active** by default. You can maintain this setting via customizing. Open the SPRO transaction, and choose *Logistics - General* > *Batch Management* > *Specify Batch Management Default by Plant*. This 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 accordingly.

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 provide the *Unit of Weight* field on the *Basic Data* sheet.

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, do consider that, depending on which status you want to assign, follow-on migration objects can't be posted. The posting may lead to an error depending on the status settings.

Example: in SAP standard delivery, the product status **01** is configured in such a way that during posting of inventory you'll receive an error message. Consider that by assigning 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. Therefore, SAP recommends that you consider this field carefully so that you won't run into follow-on problems during the data migration process. After the initial data migration, you can set 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 to manage and start the *Manage Mass Maintenance – Products* app. The app can be launched from the 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:

- which master data objects are to be updated
- which tables and fields are to be updated, and the respective values

> **Note**
>
> For further information, refer to the online documentation of the *Manage Mass Maintenance – Products* app.

Valuation Data

During migration, you have various ways to migrate your valuation data. If you only provide your data on 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 on the *Valuation Current Period* and *Valuation Future Price* sheets (the system then takes over this price and does not 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 on the *Valuation Data* sheet only. 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, group currency with currency type 30) on 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 it 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 valuation category *X - for Automat. Batch*. Provide this on the *Valuation Data* sheet in the *Valuation Category* field.

> **Note**
>
> The product itself needs to be managed in batches. In this case, you have to provide the *Batch management requirement indicator* on 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 specified valuation category **X**, 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 (Automat. Batch)	EUR	V		21,00		
B001	1010	C1	X (Automat. Batch)	EUR	S			20,00	
B001	1010	C2	X (Automat. Batch)	EUR	S			21,00	

> **Note**
>
> For the valuation header record, only price control *V - moving average price* 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 provide *Material Ledger* prices on 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

How to Deal with Reference Products

If, during migration, you want to assign a reference product (such as follow-up product) to a newly migrated product, you have to ensure that you migrate the reference product first. Otherwise, you will get a message saying that the reference product does not exist and cannot be migrated. Please ensure that you migrate these products in the right sequence. Another possibility is to leave the reference products empty during migration and assign them afterwards using the *Manage Mass Maintenance – Products* app.

Mapping Structure Hierarchy

Level	Name		
1	Basic Data (mandatory)		
2		Material Descriptions	
2		Alternative Units of Measure	
2		Additional EANs	
2		Distribution Chains	
2		Tax Classification	
2		Plant Data	
3			Forecasting Data
3			Storage Locations
3			Production Resources Tools
2		MRP Area	
2		Warehouse Number Data	
3			Storage Type Data
2		Valuation Data	
3			Valuation Current Period
3			Valuation Future Price

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

Follow-On Activities

You can use the Material - extend existing record with long text [page 979] migration object to migrate material-related long texts.

You can use the Material - Forecast planning [page 969] migration object to migrate material consumptions and forecast values (only supported for on-premise solution).

You can use the Product classification - Commodity code [page 967] migration object to migrate product classification with 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)

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

1.345 *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

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 1028] (with ERP data)
- Material BOM [page 795]
- Routing [page 1055]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.346 *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).

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 1018]
- PS - WBS element [page 1125]
- SD - Sales order (only open SO) [page 1059]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Network data (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.347 *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.

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 1018]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name
1	Project Definition (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.

There, choose your SAP S/4HANA release from the *Version* field.
Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.348 *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 material from a certain supplier.

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 1028]
- Supplier [page 1117]
- MM - Purchasing info record with conditions [page 1045]

Mapping Instructions

- 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 1045] object.
- If you use the identical *Legacy Number of purchasing info record* in the objects MM - Purchasing info record with conditions [page 1045] and *MM - Purchasing info record- extend existing record* 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 1045] object, the info record number is stored in the migration mapping table. The *MM - Purchasing info record- extend existing record* 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 existing record* 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. You cannot import the same info 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 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.

Mapping Structure Hierarchy

Level	Name			
1	General Data (mandatory)			
2		Purchasing Organization Data		
3			Conditions	
4				Scales
3			Purchasing Organization Text	

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.349 *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 material from a certain vendor.

In Scope

Migration to SAP S/4HANA is supported.

1. General Data; only to create info record with material specific or material group
   The following 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 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.

   You can include up to 99 entries (rows) in the *Purchasing Organization Data* (`S_EINE`) sheet for each info record number (`INFNR`) per migration run. This is due to a technical constraint in the *ME_INFORECORD_MAINTAIN_MULTI* BAPI, where the sequence field (*EINE_INDX*) is limited to two digits. If a purchasing info record contains more than 99 entries, the migration will fail and you will receive an *NR/001* error. To avoid this, please review your info records and split any that exceed 99 entries into multiple records, ensuring each stays within the 99-entry limit.
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 material exists or with a material 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 1028]
- Supplier [page 1117]

Mapping Instructions

Migration with identical combinations of material group and vendor leads to different purchasing info record numbers. The combination of material number and vendor is always unique.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.350 *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.

> **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
    - Asset
    - Sales Order
    - Project
    - Unknown
7. Item Schedule Lines
8. Purchase Order Item Components for Subcontracting

    > ⓘ 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.

    > ⓘ 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]

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 1028]
- Supplier [page 1117]
- CO - Cost center [page 954]
- SD - Sales order (only open SO) [page 1059]
- MM - Purchase contract [page 836]
- *WBS element*
- Fixed asset (incl. balances and transactions) [page 896]
- FI - G/L account [page 914] (expense account used in account assignment category)
- Material BOM [page 795]
- MM - Purchasing info record with conditions [page 1045] (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	
3			Account Assignment	
3			Schedule Line	
4				Components for Subcontracting
3			Item Texts	

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.351 *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

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.352 *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.

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 930] migration object.
- For task list of type *A* (General Maintenance task list), use the PM - General maintenance task list [page 909] migration object.
- For task list of type *E* (Equipment Task List), use the PM - Equipment task list [page 889] migration object.
- For task list of type *T* (Task List for Functional Location), use the PM - Functional location task list [page 902] migration object.

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 1028]
- Material BOM [page 795]
- Work center/Resource [page 1127]

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.

    > **Note**
    >
    > The system doesn't support combining internal and external number ranges in one source file.
- 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*, *BOM Application*, and *BOM Item Number* are only mandatory for the 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.
  - The *BOM Item Number* refers to the sequence of BOM components.
- *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.

Description and Long Text

- If you create a long text in the dialog box, then the current logon language is taken as the long text language. Any subsequent change of the long text is applied only for the logon language.
- If you provide both description and long text, the description is copied to the first line of the long text.
- If you enter only a long text and no description, the initial 40 characters of the first line of the long text are copied to the short text. This process is typically used for migrating long text data from legacy SAP systems to the SAP S/4HANA Cloud system.
- Special characters that have control function in SAPscript are not supported, for example, ampersand '&' or consecutive commas ',,'.

Component Allocation

The BOM components are assigned to the first operation by default when creating a production order, if you have not manually assigned to any operation in the routing. This is the standard functionality.

Inspection Characteristics

The mode for reference to master inspection characteristics during the inspection plan migration needs to be compatible with the status of the master inspection characteristics.

Status of Master Inspection Characteristics	Mode for Reference to Master Inspection Characteristic
X - Reference Characteristic	L, C or N are possible
1 - Complete Copy Model	C or N are possible
'' - Incomplete Copy Model	only N is possible

Decimal Places

In this field, you define the accuracy (number of decimal places), to which the value is calculated. The value range of decimal places is from 0 to 10.

When you enter one of the following limiting values, it must match the decimal places specified in the *Decimal Places* field:

- Target Value
- Lower Specification Limit
- Upper Specification Limit
- Lower Plausibility Limit
- Upper Plausibility Limit
- Class Width
- Class Midpoint
- 1st Lower Limit
- 1st Upper Limit
- 2nd Lower Limit
- 2nd Lower Limit

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

Level	Name	
3		Component assignment
3		Inspection characteristics

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

Follow-On Activities

It's mandatory to migrate all routing in the *Q* system first and run a cost simulation run in your *Q* 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.

1.353 *SD - Sales order (only open SO)*

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.

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 1028]
- Customer [page 852]
- 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)	
2		Item (mandatory)	
3			Item Conditions (optional)
3			Item Texts (optional)
2		Partner (mandatory)	
2		Schedule Line Data (mandatory)	

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.354 *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.

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 must have already been maintained or migrated:

- Supplier [page 1117]
- Product [page 1028]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	SAG Header Data (mandatory)	
2		SAG Item Data (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.355 *Service order (only open SRVO)*

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

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.

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

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 1028]
- Customer [page 852]
- Condition record for pricing (general template) [page 829]
- PM - Functional location [page 907]
- PM - Equipment [page 892]

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.

Mapping Structure Hierarchy

Level	Name		
1	Header (mandatory)		
2		Item Mandatory	
3			Item Pricing Elements (optional)
3			Item Texts (optional)
3			Item Reference Objects (optional)
2		Header Texts (optional)	
2		Header Reference Objects (optional)	
2		Person Responsible (relevant for on-premise only)	

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

Post-Processing

How to Validate your Data in the System

For on-premise related migration, validation of data can be done using the following apps:

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.

1.356 *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 829] 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.

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 997])

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 829] migration object.
-

Prerequisites

The following objects must have already been maintained or migrated:

- Product [page 1028]
- Customer [page 852]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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
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 829] migration object.

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

1.357 *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.

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 1028]
- Customer [page 852]
- Condition record for pricing (general template) [page 829]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.

There, choose your SAP S/4HANA release from the *Version* field.
Download the test script from the *Details* section.

3. Follow the procedure described in the BH5 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.

1.358 *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.

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 1052]

Mapping Instructions

> **Note**
>
> *Selected Set* must always be filled using upper case letters.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.359 *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.

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 1052]
- QM - Selected set [page 1071]

Mapping Instructions

> **Note**
>
> *Selected Set* must always be filled using upper case letters.

Mapping Structure Hierarchy

Level	Name
1	QM selected set code master data (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.360 *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.

In Scope

Migration to SAP S/4HANA is supported.

Applications for which mandates are relevant:

- F – Financial Accounting

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 Data

Prerequisites

The following objects must have already been maintained or migrated:

- Bank [page 786]
- Customer [page 852]

Mapping Instructions

> ⓘ Note
>
> The system can't efficiently process SEPA mandates with blank usage data because it treats them as new mandates during payment runs, which increases processing time. To avoid this, the object migrates usage data for active SEPA mandates from the data migration template to maintain existing document numbers and dates. The *First Payment Run* field is automatically set to **`$MIG`** when the *Date of Last Use* field is populated, so that mandates with migrated use data can be easily identified.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.361 *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.

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 1028]
- Supplier [page 1117]
- Agreements
  There are two types of outline purchase agreement:
  - MM - Purchase contract [page 836]
  - MM - Purchase scheduling agreement [page 1062]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.362 *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

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)	
2		Company specific names

Level	Name	
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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 test script.

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

1.363 *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.

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 1028]

Mapping Instructions

Mapping Structure Hierarchy

Level	Name	
1	Software material (mandatory)	
2		Constraint (mandatory)

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.364 *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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 1105] migration object). If you do not know the financial transaction number (because this number was generated during the migration of your financial transactions to 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.

1.365 *TRM - Deposit at notice*

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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 migration object). If you do not know the financial transaction number (because this number was generated during the migration of your financial transactions to 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.

1.366 *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.

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to 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.

1.367 *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

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to 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.

1.368 *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

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 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.

1.369 *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

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.

  > **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.

  > **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.

     > **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.

     > **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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to 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.

1.370 *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

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.

     > **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.

     > ⓘ 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.

> **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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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 migration object. If you don't know the financial transaction number (because this number was generated during the migration of your financial transactions to 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.

1.371 *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

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 1097]
  TRM - Foreign exchange swap - contract [page 1092]
  TRM - Deposit at notice [page 1086]
  TRM - Commercial paper [page 1083]
  TRM - Interest rate instrument [page 1101]
  TRM - FX option [page 1089]

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*.

> **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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.372 *Supplier - extend existing record by new org levels*

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

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. The supplier is a frequently used master data object, used by almost all business applications. In an 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.

In Scope

Migration to SAP S/4HANA is supported.

1. Extend already existing suppliers with new org levels and extend already existing customers/contract partners as supplier with the same number
2. General data (only fields that might become relevant when you extend a customer/contract partner as 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, fax, and 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)*

> ⓘ 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. Updates of existing fields/records.
2. Withholding tax data can only extend with related company data. It isn't possible to extend withholding tax data for an already existing company code.
3. Purchasing partner functions can only extend 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.

> ⓘ 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 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:

- 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)*

> **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

The following objects must have already been maintained or migrated:

- Supplier [page 1117]
- If you want to extend already existing customers as supplier with the same number:
  - Customer [page 852]

Country-Specific Prerequisites

Country-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*

Country-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

On the *General Data* sheet we only offer fields that might become relevant when you extend already existing customers as supplier with the same number. If you want to extend an existing customer as supplier with the same number, you have to fill out the customer number (reference number). You also have to fill the *BP Roles* sheets. If you want to extend an already existing supplier by new org levels, you have to leave the reference number empty.

Please consider: You can't transfer a value in one of the fields provided on 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 must also 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 supplier with thesame number. If you extend an existing supplier with new org. 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. 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 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.

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, and you must confirm them later on. For this reason, you should consider to deactivate 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 have been 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 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 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* migration object in 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'll have 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 is determined by Vertex.

For some addresses, Vertex will always provide more than one tax jurisdiction code. In this case, you'll have to 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
2		Additional Addresses

Level	Name		
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		Vendor Certificates*	
2		VAT - Cash Account. Regulation*	

> **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.

Country-Specific Extensions

> **Note**
>
> Country-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Country-Specific Extension for South Korea

There are three country-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 on the *VAT registration number against supplier* data sheet, the three fields stay as they are.

Country-Specific Extension for India

To be able to maintain *TAN-Based Exemption* information on the *TAN and exemption number* sheet for India, maintain *Withholding Tax Type* and *Withholding Tax Code* on the *Withholding Tax Data* sheet first.

Country-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 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.

Country-Specific Extension for Japan

For a supplier with *Supplier Type* **`I`** (that is, *Individual*), the validity date ranges on the *Individual/Corporate Numbers* sheet must not overlap between different records of one supplier.

Country-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.

Country-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.

Country-Specific Extension for Saudi Arabia

For supplier certificates, you need to fill information in the *General Data*, *Company Data*, and *Vendor certificate* sheets.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.373 *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.

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 1117]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.374 *Supplier*

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

> → Tip
>
> For this migration object, the *Custom Fields and Logic* app is available. 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 Note 2726010 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. Also see the Extensibility section in the SAP S/4HANA Cloud 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 an 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.

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 Britian, Taiwan, Australia*
2. BP roles
3. Additional addresses
4. General texts
5. Company data and localization fields for Korea and USA*
6. Withholding tax data
7. Company texts
8. Purchasing organization data
9. Purchasing partner functions
10. Purchasing texts
11. Bank data
12. Industries
13. Tax numbers
14. Identification numbers
15. Contact persons, including address data with telephone, fax, email
16. VAT registration number against supplier (South Korea only)*
17. TAN and exemption number (India only)*
18. Storing contract details (Ireland only)*
19. Storing SIN and site address (Ireland only)*
20. Pattern of due date shift (Japan only)*

21. Individual/Corporate numbers (Japan only)*
22. Tax payment classification (Poland only)*
23. Tax type assignment (Romania only)*
24. Tax payment attributes (Russia only)*
25. Supplier certificates (Saudi Arabia only)*
26. VAT - Cash Account. Regulation (Spain) *

> **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. Relationship to other business partners.
2. 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 1107] 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.
3. Time-dependency of addresses.
4. Time-dependency of bank data.

> **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
- 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)*

> **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

The following objects must have already been maintained or migrated:

- Bank [page 786]

> **Note**
>
> The *Supplier Account Group* field must be in sync with your customizing of the *BU grouping*. Otherwise, the grouping overwrites the account group.

Country-Specific Prerequisites

Country-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*

Country-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 will be 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. 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 will be 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 1107] 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 of the SAP 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 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 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 1107] migration object in 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 will fail. If this happens, you'll have 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)

Level	Name		
2		BP Roles (mandatory for OP)	
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
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*	
2		VAT - Cash Account Regulation*	

> **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.

Country-Specific Extensions

> **Note**
>
> Country-specific extensions are visible only if the configuration of your system covers the requirement for them at the time of the download.

Country-Specific Extension for South Korea

There are three country-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 will stay as they are.

Country-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.

Country-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 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.

Country-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.

Country-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.

Country-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.

Country-Specific Extension for Saudi Arabia

For supplier certificates, you need to fill information in the *General Data*, *Company Data*, and *Vendor certificate* sheets.

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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)*.

1.375 *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.

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 1040]

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. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

1.376 *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

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 Formula Constants

- 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 954]

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
2		Work Center Cost Center	
2		Work Center Description	

Tasks

1. Download the migration template from the Migration Cockpit.
2. Navigate to the Data Migration to SAP S/4HANA from File (BH5) scope item on SAP Best Practices Explorer.
   There, choose your SAP S/4HANA release from the *Version* field.
   Download the test script from the *Details* section.
3. Follow the procedure described in the BH5 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.

Important Disclaimers and Legal Information

Hyperlinks

Some links are classified by an icon and/or a mouseover text. These links provide additional information.
About the icons:

- Links with the icon : You are entering a Web site that is not hosted by SAP. By using such links, you agree (unless expressly stated otherwise in your agreements with SAP) to this:
  - The content of the linked-to site is not SAP documentation. You may not infer any product claims against SAP based on this information.
  - SAP does not agree or disagree with the content on the linked-to site, nor does SAP warrant the availability and correctness. SAP shall not be liable for any damages caused by the use of such content unless damages have been caused by SAP's gross negligence or willful misconduct.
- Links with the icon : You are leaving the documentation for that particular SAP product or service and are entering an SAP-hosted Web site. By using such links, you agree that (unless expressly stated otherwise in your agreements with SAP) you may not infer any product claims against SAP based on this information.

Videos Hosted on External Platforms

Some videos may point to third-party video hosting platforms. SAP cannot guarantee the future availability of videos stored on these platforms. Furthermore, any advertisements or other content hosted on these platforms (for example, suggested videos or by navigating to other videos hosted on the same site), are not within the control or responsibility of SAP.

Beta and Other Experimental Features

Experimental features are not part of the officially delivered scope that SAP guarantees for future releases. This means that experimental features may be changed by SAP at any time for any reason without notice. Experimental features are not for productive use. You may not demonstrate, test, examine, evaluate or otherwise use the experimental features in a live operating environment or with data that has not been sufficiently backed up.
The purpose of experimental features is to get feedback early on, allowing customers and partners to influence the future product accordingly. By providing your feedback (e.g. in the SAP Community), you accept that intellectual property rights of the contributions or derivative works shall remain the exclusive property of SAP.

Example Code

Any software coding and/or code snippets are examples. They are not for productive use. The example code is only intended to better explain and visualize the syntax and phrasing rules. SAP does not warrant the correctness and completeness of the example code. SAP shall not be liable for errors or damages caused by the use of example code unless damages have been caused by SAP's gross negligence or willful misconduct.

Bias-Free Language

SAP supports a culture of diversity and inclusion. Whenever possible, we use unbiased language in our documentation to refer to people of all cultures, ethnicities, genders, and abilities.

www.sap.com/contactsap

© 2026 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

Please see https://www.sap.com/about/legal/trademark.html for additional trademark information and notices.