

Security Guide

Document Version: 1.8 - 2021-08-02

PUBLIC

Focused Build for SAP Solution Manager

ST-OST 2.0 SPS 8



Typographic Conventions

Type Style	Description
<code>Example</code>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
<code>EXAMPLE</code>	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
<code>Example</code>	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
<code>Example</code>	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<code><Example></code>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
<code>EXAMPLE</code>	Keys on the keyboard, for example, <code>F2</code> or <code>ENTER</code> .

Document History

Support Package ST-OST 200	Date	Change
	2016 -11-28	<p>General</p> <ul style="list-style-type: none"> Valid for ST-OST 200, ST 720 SP03-SP04
SP01	2017-07-01	<p>General</p> <ul style="list-style-type: none"> Valid for ST-OST 200 SP01, ST 720 SP05 <p>Introduction</p> <p>Adapted description</p> <p>Focused Build - Requirement to Deploy</p> <p>Applications</p> <p>Adapted description</p> <p>CRM Transaction Types</p> <p>Renamed and adapted description</p> <p>Matrix: CRM Transaction Types to Business Roles</p> <p>Renamed and adapted description</p> <p>Main Personas</p> <p>New persona configurator</p> <p>Technical roles</p> <p>Adapted description</p> <p>Single roles</p> <p>New chapter added</p> <p>Changes of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> Adapted single roles: SAP_OST_FB_ANALYST, SAP_OST_FB_ARCHITECT, SAP_OST_FB_DEV, SAP_OST_FB_DGP, SAP_OST_FB_PROJ_M, SAP_OST_FB_REL_M, SAP_OST_FB_TESTER, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD, SAP_OST_JIRASYNC <p>Composite roles</p> <p>Changes of assignments of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> New roles: SAP_OST_FB_CONFIG_COMP Adapted roles: SAP_OST_FB_ANALYST_COMP, SAP_OST_FB_ARCHITECT_COMP, SAP_OST_FB_DEV_COMP, SAP_OST_FB_PROJ_M_COMP, SAP_OST_FB_REL_M_COMP, SAP_OST_FB_TESTER_COMP, SAP_OST_FB_TEST_M_COMP, SAP_OST_FB_TOOLLEAD_COMP <p>Focused Build - Extensions</p> <p>Deleted and new structure created for each scenario chapter</p>

Support Package ST-OST 200	Date	Change
		<p>Focused Build - Standalone Extensions Change Request Management</p> <p>New chapter</p> <p>Cross Landscape Distribution</p> <p>Adapted description</p> <p>Change Request Management Repack</p> <p>Adapted description</p> <p>Retrofit Automation</p> <p>New chapter</p> <p>Retrofit for BW</p> <p>New chapter</p> <p>Test System Refresh</p> <p>New chapter</p> <p>Multi Tenancy</p> <p>New chapter</p> <ul style="list-style-type: none"> · New authorization object: /SALM/MTST <p>Release Batch Import</p> <p>New chapter</p> <p>Electronic Signature</p> <p>New chapter</p> <p>Focused Build - Standalone Extensions IT Service Management</p> <p>New chapter</p> <p>Simple IT Request</p> <p>Adapted description</p> <ul style="list-style-type: none"> · Adapted roles: SAP_OST_SSR_MANAGER
	2017-09-13	<p>Technical Roles</p> <p>Correction of table displaying the mapping between the personas, composite roles and CRM business roles</p>
SPO2	2018-07-12	<p>Matrix: CRM Transaction Types to Business Roles: project Manager now as well allowed to create and change S1BR</p>
		<p>General</p> <p>Valid for ST-OST 200 SP02, ST 720 SP07</p> <p>Focused Build - Requirement to Deploy</p> <p>Matrix CRM Transaction Types to Business Roles</p> <p>Updated</p> <p>Technical roles</p> <p>Single roles</p> <p>Changes of single roles are documented in the description tab of the specific role</p>

Support Package ST-OST 200	Date	Change
		<ul style="list-style-type: none"> • New single roles: SAP_OST_FB_CRM_UIU, SAP_OST_FB_BTC_DE • Adapted single roles: SAP_OST_FB_ANALYST, SAP_OST_FB_ARCHITECT, SAP_OST_FB_DEV, SAP_OST_FB_DGP, SAP_OST_FB_PROJ_M, SAP_OST_FB_REL_M, SAP_OST_FB_TESTER, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD, SAP_OST_JIRASYNC • Deleted role: SAP_OST_TM_DB <p>Composite roles</p> <p>Changes of assignments of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> • Adapted composite roles: SAP_OST_FB_ANALYST_COMP, SAP_OST_FB_ARCHITECT_COMP, SAP_OST_FB_CONFIG_COMP, SAP_OST_FB_DEV_COMP, SAP_OST_FB_PROJ_M_COMP, SAP_OST_FB_REL_M_COMP, SAP_OST_FB_TESTER_COMP, SAP_OST_FB_TEST_M_COMP, SAP_OST_FB_TOOLLEAD_COMP <p>CRM Transaction Types</p> <p>New transaction types S1SG, S1TK included.</p> <p>Matrix: CRM Transaction Types to Business Roles</p> <p>Adapted table. New transaction types S1SG, S1TK included.</p> <p>Applications</p> <p>Adapted table.</p> <ul style="list-style-type: none"> • New applications: Solution Documentation - My Documents, Project Management - Focused Build Projects, Test Execution - Manage Tester Assignments, Check Report • Adapted applications: Work Package and Work Item Management, Generic Application, Test Plan Assignment to Project, Assignment Analysis and Test Plan Generation <p>Solution Readiness Dashboard</p> <p>New chapter</p> <p>Test Suite Dashboard</p> <p>Adapted description</p> <p>Focused Build - Extensions</p> <p>Focused Build - Standalone Extensions Change Request Management</p> <ul style="list-style-type: none"> • New single roles: SAP_OST_FB_CM_ITSM_CONFIG, SAP_OST_FB_CRM_UIU, SAP_OST_FB_CRM_UIU_CM • Adapted single role: SAP_OST_CM_TRANSPORT_M • Adapted composite role: SAP_OST_CM_TRANSPORT_M_COMP <p>Cross Landscape Distribution</p> <ul style="list-style-type: none"> • Adapted single role: SAP_OST_CM_TRANSPORT_M • Adapted composite role: SAP_OST_CM_TRANSPORT_M_COMP <p>Change Request Management Repack</p>

Support Package ST-OST 200	Date	Change
		<ul style="list-style-type: none"> · Updated information about the TMW RFC user · Adapted single role: SAP_OST_CM_TRANSPORT_M · Adapted composite role: SAP_OST_CM_TRANSPORT_M_COMP <p>Retrofit Automation</p> <ul style="list-style-type: none"> · Adapted chapter <p>Multi Tenancy</p> <ul style="list-style-type: none"> · New single role: SAP_OST_FB_MULTI_TEN <p>Electronic Signature</p> <ul style="list-style-type: none"> · New single role: SAP_OST_FB_CM_ESIGN <p>Cutover</p> <p>New chapter</p> <ul style="list-style-type: none"> · New single role: SAP_OST_CM_CUTOVER <p>Template Protection</p> <p>New chapter</p> <p>Change Request Management Dashboard</p> <p>New chapter</p> <ul style="list-style-type: none"> · New single role: SAP_OST_FB_CM_DASH <p>Focused Build - Standalone Extensions IT Service Management</p> <p>Simple IT Request</p> <ul style="list-style-type: none"> · New single roles: SAP_OST_FB_CM_ITSM_CONFIG, SAP_OST_FB_ITSM_S4RQ_APPROVE, SAP_OST_FB_ITSM_S4RQ_CREATE · Adapted single roles: SAP_OST_SSR_MANAGER, SAP_OST_SSR_REQUESTER <p>Focused Build - Standalone Extensions Process Management</p> <p>dropDoc</p> <p>New chapter</p> <p>Focused Build - Standalone Extensions Test Management</p> <p>Test Step Designer</p> <p>New chapter</p> <p>Data Protection and Privacy Measures</p> <p>Updated description.</p> <p>Deletion reports added: /SALM/BATCH_IMPORT_LOG_DELETE, /SALM/CM_CO_CLEAN_LOGS.</p>
SP03	2019-02-21	<p>General</p> <p>Valid for ST-OST 200 SP03, ST 720 SP08</p> <p>Focused Build - Requirement to Deploy</p> <p>Technical roles</p> <p>Single roles</p> <p>Changes of single roles are documented in the description tab of the specific role</p>

Support Package ST-OST 200	Date	Change
		<ul style="list-style-type: none"> • New single role SAP_OST_FB_CONFIG • Adapted single roles: SAP_OST_FB_ANALYST, SAP_OST_FB_ARCHITECT, SAP_OST_FB_DEV, SAP_OST_FB_PROJ_M, SAP_OST_FB_REL_M, SAP_OST_FB_TESTER, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD <p>Composite roles</p> <p>Changes of assignments of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> • Adapted composite roles: SAP_OST_FB_ARCHITECT_COMP, SAP_OST_FB_CONFIG_COMP, SAP_OST_FB_DEV_COMP, SAP_OST_FB_REL_M_COMP, <p>Matrix: CRM Transaction Types to Business Roles</p> <p>Updated table.</p> <p>Focused Build - Standalone Extensions Change Request Management</p> <ul style="list-style-type: none"> • Adapted single role: SAP_OST_CM_TRANSPORT_M <p>Cutover</p> <ul style="list-style-type: none"> • Adapted single role: SAP_OST_CM_CUTOVER
SP04	2019-08-12	<p>General</p> <p>Valid for ST-OST 200 SP04, ST 720 SP09</p> <p>Focused Build - Requirement to Deploy</p> <p>Main Personas</p> <p>New: Change manager (for Fix Pace)</p> <p>Applications</p> <p>New: My Requests for Change</p> <p>New: My Change Documents</p> <p>Matrix: CRM Transaction Types to Business Roles</p> <p>New: Mapping to Change Manager</p> <p>Matrix: Mass Change authorization per CRM Transaction Type and Business Role</p> <p>New chapter</p> <p>Technical roles</p> <p>New: Change Manager</p> <p>Single roles</p> <p>Changes of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> • New single roles: SAP_OST_FB_CHANGE_M, SAP_OST_FB_SYNC_REQ • Adapted single roles: SAP_OST_FB_BTC_DE, SAP_OST_FB_ANALYST, SAP_OST_FB_ARCHITECT, SAP_OST_FB_DEV, SAP_OST_FB_TOOLLEAD, SAP_OST_FB_PROJ_M, SAP_OST_FB_REL_M, SAP_OST_FB_TESTER, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD, SAP_OST_FB_JIRASYNC <p>Composite roles</p> <p>Changes of assignments of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> • New composite role: SAP_OST_FB_CHANGE_M_COMP

Support Package ST-OST 200	Date	Change
		<p>Enhanced Approval Procedure Functions - Fix Pace</p> <p>New Chapter</p> <p>Solution Readiness Dashboard - Single Role for Extraction Jobs</p> <p>Chapter has been renamed and enhanced to Focused Build Dashboards - Single Role for Extraction Jobs</p> <p>Focused Build Dashboards - Single Role for Extraction Jobs</p> <p>The former chapter Solution Readiness Dashboard - Single Role for Extraction Jobs has been renamed and enhanced</p>
SP05	2020-01-20	<p>General</p> <p>Valid for ST-OST 200 SP05, ST 720 SP10</p> <p>Focused Build - Requirement to Deploy</p> <p>Matrix: CRM Transaction Types to Business Roles</p> <p>Changed: Mapping for Tester</p> <p>Technical roles</p> <p>Single roles</p> <p>Changes of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> · New single roles: SAP_OST_FB_BTC · Adapted single roles: SAP_OST_FB_ANALYST, SAP_OST_FB_ARCHITECT, SAP_OST_FB_CHANGE_M, SAP_OST_FB_DEV, SAP_OST_FB_PROJ_M, SAP_OST_FB_REL_M, SAP_OST_FB_TESTER, SAP_OST_FB_TEST_M, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD <p>Composite roles</p> <p>Changes of assignments of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> · Adapted composite roles: SAP_OST_FB_CHANGE_M_COMP, SAP_OST_FB_CONFIG_COMP, SAP_OST_FB_DEV_COMP <p>Focused Build Dashboards - Single Role for Extraction Jobs</p> <p>Chapter deleted</p> <p>Single role to run Focused Build specific Background Jobs with a specific Technical User</p> <p>New chapter (replacing previous chapter Focused Build Dashboards - Single Role for Extraction Jobs)</p> <p>Size limit for uploads in dropDocs</p> <p>New chapter</p> <p>Focused Build - Standalone Extensions Change Request Management</p> <p>New single role: SAP_OST_FB_TPP</p> <p>Adapted single role: SAP_OST_CM_TRANSPORT_M</p> <p>Template Protection</p> <p>Adapted chapter</p>

Support Package ST-OST 200	Date	Change
SP06	2020-06-22	<p>In the whole document phrase Focused Build - Requirement to Deploy has been exchanged by Focused Build - Requirements-to-Deploy</p> <p>General Valid for ST-OST 200 SP06, ST 720 SP11</p> <p>Focused Build - Requirements-to-Deploy</p> <p>Applications New: Simplification Item Management - for System Conversion</p> <p>CRM Transaction Types New: S1CA Conversion Activity New: S1SI Simplification Item</p> <p>Matrix: CRM Transaction Types to Business Roles New: S1CA Conversion Activity New: S1SI Simplification Item</p> <p>Technical roles Single roles Changes of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> • New single roles: SAP_OST_FB_SC_ANALYST, SAP_OST_FB_SC_ARCHITECT, SAP_OST_FB_SC_PROJ_M, SAP_OST_FB_SC_REL_M, SAP_OST_FB_SC_TOOLLEAD • Adapted single roles: SAP_OST_FB_ARCHITECT, SAP_OST_FB_CHANGE_M, SAP_OST_FB_CONFIG, SAP_OST_FB_DEV, SAP_OST_FB_PROJ_M, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD <p>Composite roles Changes of assignments of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> • Changed composite role: SAP_OST_FB_DEV_COMP, SAP_OST_FB_REL_M_COMP, SAP_OST_FB_TOOLLEAD_COMP <p>Roles for Simplification Item Management - for System Conversion New chapter.</p> <p>Solution Documentation Administration - Export authorization New chapter.</p> <p>Focused Build - Standalone Extensions Change Request Management Adapted single role: SAP_OST_CM_TRANSPORT_M</p>
SP07	2021-02-01	<p>General Valid for ST-OST 200 SP07, ST 720 SP12</p> <p>Focused Build - Requirements-to-Deploy</p>

Support Package ST-OST 200	Date	Change
		<p>Applications New: Documentation Reporting Dashboard New: Release Batch Import - Log</p> <p>Technical roles Single roles Changes of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> · Adapted single roles: SAP_OST_FB_ARCHITECT, SAP_OST_FB_ANALYST, SAP_OST_FB_CHANGE_M, SAP_OST_FB_CONFIG, SAP_OST_FB_DEV, SAP_OST_FB_PROJ_M, SAP_OST_FB_REL_M, SAP_OST_FB_TESTER, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD <p>Focused Build - Standalone Extensions Change Request Management Release Batch Import New single role: SAP_OST_FB_CHM</p> <p>Data Protection and Privacy Measures Simplification of Deletion of Personal Data SAP Information Lifecycle Management (ILM) capabilities included.</p>
SP08	2021-08-01	<p>General Valid for ST-OST 200 SP08, ST 720 SP13 Focused Build - Requirements-to-Deploy</p> <p>Applications New: My Checklist Steps</p> <p>Technical roles Added: Configurator</p> <p>Single roles Changes of single roles are documented in the description tab of the specific role</p> <ul style="list-style-type: none"> · New single roles: SAP_OST_FB_BTC_SAC, SAP_OST_FB_DEVOPS_INT, SAP_OST_FB_MCS, SAP_OST_FB_SAC_INT · Adapted single roles: SAP_OST_FB_ANALYST, SAP_OST_FB_ARCHITECT, SAP_OST_FB_CHANGE_M, SAP_OST_FB_DEV, SAP_OST_FB_PROJ_M, SAP_OST_FB_REL_M, SAP_OST_FB_SYNC_REQ, SAP_OST_FB_TESTER, SAP_OST_FB_TEST_M, SAP_OST_FB_TOOLLEAD, <p>Composite roles Changes of assignments of single roles are documented in the description tab of the specific role</p>

Support Package ST-OST 200	Date	Change
		<ul style="list-style-type: none"> · Changed composite role: SAP_OST_FB_ARCHITECT_COMP, SAP_OST_FB_CHANGE_M_COMP, SAP_OST_FB_DEV_COMP, SAP_OST_FB_PROJ_M_COMP, SAP_OST_FB_TOOLLEAD_COMP <p>Restriction of Approval of Requirements - New chapter</p> <p>Password Security & Error Logging - New chapter</p> <p>Focused Build - Standalone Extensions Change Request Management</p> <p>Adapted single role: SAP_OST_FB_CM_ITSM_CONFIG, SAP_OST_FB_TPP</p> <p>Focused Build - Standalone Extensions IT Service Management</p> <p>Adapted composite role: SAP_OST_FB_CM_ITSM_CONFIG, SAP_OST_SSR_MANAGER_COMP, SAP_OST_SSR_REQUESTER_COMP</p> <p>New single roles: SAP_OST_FB_MCS</p> <p>Adapted single role: SAP_OST_SSR_MANAGER, SAP_OST_SSR_REQUESTER</p> <p>Data Protection and Privacy Measures</p> <p>Overview of Relevant Applications in SAP Solution Manager Focused Build</p> <p>Added: Application SAP Analytics Cloud Extractor</p> <p>Reporting on Existing Data to An Identified Data Subject</p> <p>Added: Application SAP Analytics Cloud Extractor</p> <p>Simplification of Deletion of Personal Data</p> <p>Added the following applications: SAP Analytics Cloud Extractor, Cross Reference Analysis, Backout and Remove</p>

Contents

1	Introduction.....	14
2	Focused Build - Requirements-to-Deploy	15
2.1	Main Personas	15
2.2	Applications	15
2.3	CRM Transaction Types	17
2.4	Matrix: CRM Transaction Types to Business Roles	18
2.5	Matrix: Mass Change authorization per CRM Transaction Type and Business Role	20
2.6	Technical Roles	21
2.6.1	Single Roles	21
2.6.2	Composite Roles	22
2.6.3	Additional Roles for TBOM Recording.....	32
2.6.4	Test Suite Dashboard - Single Role.....	32
2.6.5	Single role to run Focused Build specific Background Jobs with a specific Technical User	33
2.6.6	Enhanced Approval Procedure Functions - Fix Pace	33
2.6.7	Roles for Simplification Item Management - for System Conversion	33
2.6.8	Solution Documentation Administration - Export authorization	34
2.7	Size limit for uploads in DropDocs.....	34
2.8	Restriction of Approval of Requirements.....	34
2.9	Password Security & Error Logging.....	34
3	Focused Build - Standalone Extensions Change Request Management.....	35
3.1	Status Dependent Check Framework	35
3.2	Cross Landscape Distribution.....	35
3.2.1	TMW RFC	35
3.2.2	Main Personas.....	35
3.2.3	Technical Roles.....	36
3.3	Change Request Management Repack.....	37
3.3.1	TMW RFC	37
3.3.2	Main Personas.....	38
3.3.3	Technical Roles.....	38
3.4	Score Card	39
3.4.1	Technical Roles.....	39
3.5	Retrofit Automation.....	39
3.6	Retrofit for BW.....	40
3.6.1	TMW RFC	40
3.6.2	Technical Roles.....	41
3.7	Test System Refresh	41
3.8	Multi Tenancy	41
3.8.1	Technical Roles.....	41
3.8.2	Business Partner-dependent Checks.....	41
3.8.3	Configuration Item-dependent Checks	42
3.8.4	Configuration Item-dependent Checks	42
3.9	Release Batch Import	43

3.9.1	TMW RFC.....	43
3.9.2	Technical Roles	44
3.10	Electronic Signature.....	44
3.10.1	Technical Roles	44
3.11	Cutover	44
3.11.1	Technical Roles	44
3.12	Template Protection.....	45
3.13	Change Request Management Dashboard.....	45
3.13.1	Main Personas	45
3.13.2	Technical Roles	45
4	Focused Build - Standalone Extensions IT Service Management.....	46
4.1	Simple IT Request.....	46
4.1.1	Main Personas	46
4.1.2	CRM Object Types.....	47
4.1.3	Technical Roles	47
5	Focused Build - Standalone Extensions Process Management.....	49
5.1	dropDocs.....	49
6	Focused Build - Standalone Extensions Test Management.....	50
6.1	Test Step Designer.....	50
7	Data Protection and Privacy Measures.....	51
7.1	General.....	51
7.2	Overview of Relevant Applications in SAP Solution Manager Focused Build.....	51
7.3	Reporting on Existing Data to An Identified Data Subject	53
7.4	End of Purpose (EoP) Check	54
7.5	Business Partner Blocking	55
7.6	Simplification of Deletion of Personal Data.....	55
7.7	Application Log Information per Function.....	61

1 Introduction

Focused Build for Solution Manager is based on the overall architecture and infrastructure of SAP Solution Manager 7.2. Therefore, all the security guidelines for SAP Solution Manager apply.

ST-OST 200 support package 8 is based on SAP Solution Manager support package stack 13.

The security guides of SAP Solution Manager 7.2 SPS 13 can be found here:

https://help.sap.com/viewer/p/SAP_Solution_Manager → Implement → Security

Also in Focused Build, there are different types of technical roles used:

- Single roles (authorizations) - contain menu entries, navigation, and authorization data
- Composite roles (authorizations) - consist of multiple single roles (authorizations)
- CRM business roles - define the specific view in which the CRM WebClient UI is accessed

This Focused Build for SAP Solution Manager security guide contains a description of the roles delivered for Focused Build and the various applications that these roles give access to. It includes separate sections for the comprehensive Requirements-to-Deploy process as well as the standalone Focused Build extensions.

2 Focused Build - Requirements-to-Deploy

2.1 Main Personas

For Focused Build - Requirements-to-Deploy, several personas (also called business roles) that can access different applications in different ways have been defined. The personas assigned to a user determine the content that the user can access on the SAP Solution Manager launchpad.

These are the Focused Build - Requirements-to-Deploy main personas:

- Architect
- Business analyst
- Project manager
- Developer
- Release manager
- Tester
- Test manager
- Change manager

An additional persona is the tool lead. The tool lead is a special role which has access to all tools. There is no real business role behind this persona; it is just a technical role that will have access to all the tools. This persona is used to grant a handful of power users access to all applications.

Another additional persona is the configurator. The configurator is a special role for the configuration of the Focused Build functionalities. There is no real business role behind this persona; it is just a technical role that provides access to the configuration of Focused Build. This persona is used to grant a dedicated user access to the configuration of Focused Build.

2.2 Applications

In Focused Build - Requirements-to-Deploy, the following applications are used on a daily basis to manage IT projects:

Application	Description
Requirements Management	This application allows the business users and the architects to create and manage requirements.
My Work Packages	This application allows you to manage the work packages, assigned to you.
My Work Items	This application allows you to manage the work items, assigned to you.
My Requirements	This application allows you to manage the requirements, assigned to you.

Application	Description
My Risks	This application allows you to manage the risks, assigned to you.
My Defect Corrections	This application allows you to manage the defect corrections, assigned to you.
My Defects	This application allows you to manage the defects, assigned to you.
Solution Readiness Dashboard	This dashboard provides a comprehensive overview of the current state of the IT projects.
Mass Change Operations	This application allows the architects and project managers to easily change several work packages, work items, and defect corrections at once.
Test Suite Dashboard	This dashboard provides an exhaustive overview of the status of the current test projects.
Test Step Designer	This application helps to design the test steps.
My Test Executions	This application helps the testers to execute the manual test cases in a simple and efficient way.
Test Plan Management - Project Assignment	This application manages the relationship between Test Suite test plans and projects.
Test Plan Management - Assignment Analysis and Test Plan Generation	This application allows the architect or project manager to generate test plans based on work packages.
Release Dashboard	This dashboard allows the release manager to get an overview of the current release status.
Solution Documentation - My Documents	This application helps to manage the documents you are responsible for in Solution Documentation.
Project Management - Focused Build Projects	This application allows the project manager to manage the Focused Build projects.
Test Execution - Manage Tester Assignments	This application allows the test manager to manage the assignment of testers to test packages. E.g. replacing or removing test users from test packages.
Check Report	This application allows the test manager to perform checks in regards of consistency of solution and project as well as authorizations relevant for the Test Suite.
My Requests for Change	This application allows you to manage the request for changes, assigned to you.
My Change Documents	This application allows you to manage the change documents, assigned to you.
Simplification Item Management - for System Conversion	This application allows you to reuse the existing FB R2D process also for conversion projects: Import Simplification Items from SAP Readiness Check and then create or assign

Application	Description
	existing Focused Build items (Requirements, Work Packages or Projects) as follow-up.
Documentation Reporting Dashboard	This dashboard provides a comprehensive overview of the current state of the processes in regards of documentation.
Release Batch Import - Log	This application provides the possibility to review the previous runs of Release Batch Import.
My Checklist Steps	This application allows you to manage the checklist steps, assigned to you.

2.3 CRM Transaction Types

Most of the objects that are handled in Focused Build - Requirements-to-Deploy are CRM objects. Specific transaction types of CRM transactions are used for the interaction of the personas involved in the Focused Build - Requirements-to-Deploy processes.

The following transaction types are used in Focused Build - Requirements-to-Deploy:

CRM Transaction Type	Description
S1BR	Requirement with Project
S1CA	Conversion Activity
S1CG	Work Item (GC) with Project
S1CR	Request for Change (RM) with Project
S1DM	Defect
S1HF	Urgent Change with TMS with Project
S1IR	Scope Change with Project
S1IT	Work Package with Project
S1MJ	Work Item (NC) with Project
S1MR	Release with Project
S1MT	Master Work Package with Project
S1RK	Risk with Project
S1SG	Standard Change
S1SI	Simplification Item
S1TK	Task
S1TM	Correction of a defect, during test

CRM Transaction Type	Description
S1TR	Test Request with Project
S2IT	Work Package with PPM Portfolio
S3CR	Request for Change without PPM
S3IR	Scope Change without PPM
S3IT	Work Package without PPM

The following chapter describes how the different personas access and change transactions of these specific transaction types.

2.4 Matrix: CRM Transaction Types to Business Roles

The following table depicts the actions that each persona can take on transactions specific for Focused Build - Requirements-to-Deploy.

Here is the key to the action shorthand:

C → Create U → Update R → Read

Most of these objects are not deleted, but archived. Therefore, deletion as an action is omitted.

	Architect	Analyst	Change Manager	Developer	Project Manager	Release Manager	Tester	Test Manager	Tool Lead
S1BR	C, R, U	C, R, U	R	R	R, U	R	R	R	C, R, U
S1CA	C, R, U	R, U	-	-	R, U	R, U	-	-	C, R, U
S1CG	C, R, U	-	R	C, R, U	R, U	R, U	R	R	C, R, U
S1CR	C, R, U	R	C, R, U	C, R, U	C, R, U	R, U	R	R	C, R, U
S1DM	C, R, U	R	R	C, R, U	C, R, U	C, R, U	C, R, U	C, R, U	C, R, U
S1HF	C, R, U	-	C, R, U	C, R, U	C, R, U	R, U	R	R	C, R, U
S1IR	R	R	R	R	R	R	R	R	C, R, U
S1IT	C, R, U	R	R	R, U	C, R, U	R, U	R, U	R, U	C, R, U
S1MJ	C, R, U	-	R	C, R, U	C, R, U	R, U	R	R	C, R, U
S1MR	R	-	R	R	R	C, R, U	R	R	C, R, U
S1MT	C, R, U	-	R	R	C, R, U	R, U	R	R	C, R, U
S1RK	C, R, U	-	R	R	C, R, U	R, U	R	R	C, R, U
S1SG	C, R, U	-	C, R, U	R, U	C, R, U	R, U	R, U	R	C, R, U
S1SI	C, R, U	R, U	-	-	R, U	R, U			C, R, U
S1TK	C, R, U	-	-	C, R, U	R	R	R	R	C, R, U

	Architect	Analyst	Change Manager	Developer	Project Manager	Release Manager	Tester	Test Manager	Tool Lead
S1TM	C, R, U	-	R	C, R, U	R	R, U	R	C, R, U	C, R, U
S1TR	R	-	R	-	C, R, U	R	R	C, R, U	C, R, U
S2IT	C, R, U	R	-	R, U	C, R, U	R, U	R	R, U	C, R, U
S3CR	C, R, U	R	-	C, R, U	C, R, U	R, U	R	R	C, R, U
S3IR	R	R	-	R	R	R	R	R	C, R, U
S3IT	C, R, U	R	-	R, U	C, R, U	R, U	R	R, U	C, R, U

For these restrictions, the specific transaction types and respective objects are assigned to various authorization objects that are included in the technical roles described in the following chapter.

2.5 Matrix: Mass Change authorization per CRM Transaction Type and Business Role

The following table depicts if and how each persona can use the Focused Build specific Mass Change Operations functionalities.

Here is the key to the action shorthand:

R → Read U → Update

	Architect	Analyst	Change Manager	Developer	Project Manager	Release Manager	Tester	Test Manager	Tool Lead
S1BR	R, U	R	-	-	R	-	-	-	R
S1CG	R, U	-	-	R	R	R, U	-	-	R
S1CR	-	-	R, U	-	-	R	-	-	-
S1DM	R, U	-	-	R	R	R	-	R, U	R
S1HF	-	-	R, U	-	-	R, U	-	-	-
S1IT	R, U	-	-	R	R	R, U	-	R	R
S1MJ	R, U	-	-	R	R	R, U	-	-	R
S1RK	R	-	-	-	R, U	R	-	-	R
S1SG	-	-	R, U	-	-	R, U	-	-	-
S1TM	R, U	-	-	R	R	R, U	-	R	R

2.6 Technical Roles

The following table displays the mapping between the personas, composite roles and CRM business roles used for Focused Build - Requirements-to-Deploy:

Focused Build Persona	Composite Role	CRM Business Role
Architect	SAP_OST_FB_ARCHITECT_COMP	/SALM/ARCHTC
Business Analyst	SAP_OST_FB_ANALYST_COMP	/SALM/ARCHTC
Change Manager	SAP_OST_FB_CHANGE_M_COMP	/SALM/ARCHTC
Developer	SAP_OST_FB_DEV_COMP	/SALM/DEVEL
Project Manager	SAP_OST_FB_PROJ_M_COMP	/SALM/PRJMNG
Release Manager	SAP_OST_FB_REL_M_COMP	/SALM/RLSMNG
Tester	SAP_OST_FB_TESTER_COMP	/SALM/TESTER
Test Manager	SAP_OST_FB_TEST_M_COMP	/SALM/TESTCO
Tool Lead	SAP_OST_FB_TOOLLEAD_COMP	/SALM/TOLEAD
Configurator	SAP_OST_FB_CONFIG_COMP	/SALM/TOLEAD

2.6.1 Single Roles

This section lists the single roles that have been specifically defined for Focused Build - Requirements-to-Deploy.

Single roles containing menu entries, navigation and authorization data:

SAP_OST_FB_ANALYST
SAP_OST_FB_ARCHITECT
SAP_OST_FB_BTC
SAP_OST_FB_BTC_DE
SAP_OST_FB_BTC_SAC
SAP_OST_FB_CHANGE_M
SAP_OST_FB_CHM
SAP_OST_FB_CONFIG
SAP_OST_FB_CRM_UIU
SAP_OST_FB_DEV
SAP_OST_FB_DEVOPS_INT
SAP_OST_FB_DGP
SAP_OST_FB_MCS
SAP_OST_FB_PROJ_M
SAP_OST_FB_REL_M

SAP_OST_FB_SAC_INT
SAP_OST_FB_SC_ANALYST
SAP_OST_FB_SC_ARCHITECT
SAP_OST_FB_SC_PROJ_M
SAP_OST_FB_SC_REL_M
SAP_OST_FB_SC_TOOLLEAD
SAP_OST_FB_SYNC_REQ
SAP_OST_FB_TEST_M
SAP_OST_FB_TESTER
SAP_OST_FB_TOOLLEAD
SAP_OST_JIRASYNC
SAP_OST_SRD_BW
SAP_OST_TM_DB_BW

Single roles used for mapping to dedicated CRM business role:

SAP_OST_SM_CRM_UIU_ARCHITECT
SAP_OST_SM_CRM_UIU_DEV
SAP_OST_SM_CRM_UIU_PROJ_M
SAP_OST_SM_CRM_UIU_REL_M
SAP_OST_SM_CRM_UIU_TEST_M
SAP_OST_SM_CRM_UIU_TESTER
SAP_OST_SM_CRM_UIU_TOOLLEAD

2.6.2 Composite Roles

This section lists the composite roles that specifically have been defined for Focused Build - Requirements-to-Deploy. Single roles, specific for Focused Build, and single roles belonging to the different SAP Solution Manager scenarios and functions are assigned to each of the composite roles. These assigned single roles are listed under the overarching composite role.

SAP_OST_FB_ARCHITECT_COMP (Architect)

- SAP_BCV_USER2
- SAP_BPR_PPM
- SAP_CM_SMAN_CHANGE_MANAGER
- SAP_CM_SMAN_DEVELOPER
- SAP_CM_SMAN_TESTER
- SAP_CPR_USER
- SAP_ISSUE_MANAGEMENT_ALL
- SAP_ITCALENDER_DIS

- SAP_OST_FB_ARCHITECT
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_MCS
- SAP_OST_SM_CRM_UIU_ARCHITECT
- SAP_OST_SRD_BW
- SAP_OST_TM_DB_BW
- SAP_RM_BP_EXPERT
- SAP_RM_ITREQ_MANAGER
- SAP_RM_SOL_ARCHITECT
- SAP_SM_BI_DSH_DISP
- SAP_SM_BI_EXTRACTOR
- SAP_SM_BI_INCMAN_REPORTING
- SAP_SM_BP_DISPLAY
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_CRM_UIU_SOLMANPRO_PROC
- SAP_SM_CRM_UIU_SOLMANPRO_RM
- SAP_SM_DSH_DISP
- SAP_SM_FIORI_LP_EMBEDDED
- SAP_SM_ICC_ADMIN
- SAP_SM_ITPPM_DIS
- SAP_SM_KW_ALL
- SAP_SM_SL_ADMIN
- SAP_SM_SL_DISPLAY
- SAP_SM_SL_EDIT
- SAP_SOCM_CHANGE_MANAGER
- SAP_SOCM_DEVELOPER
- SAP_SOCM_REQUESTER
- SAP_SOCM_TESTER
- SAP_SOL_TRAINING_ALL
- SAP_SUPPDESK_CREATE
- SAP_SUPPDESK_PROCESS
- SAP_SYSTEM_REPOSITORY_DIS

SAP_OST_FB_ANALYST_COMP (Analyst)

- SAP_BPR_PPM
- SAP_ITCALENDER_DIS
- SAP_OST_FB_ANALYST
- SAP_OST_FB_CRM_UIU

-
- SAP_OST_SM_CRM_UIU_ARCHITECT
 - SAP_OST_SRD_BW
 - SAP_RM_BUSINESS_MANAGER
 - SAP_SM_BP_DISPLAY
 - SAP_SM_CRM_UIU_FRAMEWORK
 - SAP_SM_CRM_UIU_SOLMANPRO_CHARM
 - SAP_SM_CRM_UIU_SOLMANPRO_PROC
 - SAP_SM_DSH_DISP
 - SAP_SM_FIORI_LP_EMBEDDED
 - SAP_SM_ITPPM_DIS
 - SAP_SM_KW_ALL
 - SAP_SM_SL_ADMIN
 - SAP_SM_SL_DISPLAY
 - SAP_SM_SL_EDIT
 - SAP_SOL_TRAINING_ALL
 - SAP_SUPPDESK_CREATE
 - SAP_SYSTEM_REPOSITORY_DIS

SAP_OST_FB_DEV_COMP (Developer)

- SAP_BCV_USER2
- SAP_BPR_PPM
- SAP_CM_SMAN_DEVELOPER
- SAP_CM_SMAN_TESTER
- SAP_CPR_USER
- SAP_ISSUE_MANAGEMENT_EXE
- SAP_ITCALENDER_DIS
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_DEV
- SAP_OST_FB_MCS
- SAP_OST_SM_CRM_UIU_DEV
- SAP_SM_BI_DSH_DISP
- SAP_SM_BI_EXTRACTOR
- SAP_SM_BI_INCMAN_REPORTING
- SAP_SM_BP_DISPLAY
- SAP_SM_CBTA_TRANSPORT
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_CRM_UIU_SOLMANPRO_PROC
- SAP_SM_DSH_DISP

-
- SAP_SM_FIORI_LP_EMBEDDED
 - SAP_SM_GEN_TRANSPORT
 - SAP_SM_ITPPM_DIS
 - SAP_SM_KW_ALL
 - SAP_SM_SL_DISPLAY
 - SAP_SM_SL_EDIT
 - SAP_SOCM_DEVELOPER
 - SAP_SOCM_REQUESTER
 - SAP_SOCM_TESTER
 - SAP_SOL_TRAINING_ALL
 - SAP_STWB_INFO_ALL
 - SAP_SUPPDESK_CREATE
 - SAP_SUPPDESK_PROCESS
 - SAP_SYSTEM_REPOSITORY_DIS

SAP_OST_FB_PROJ_M_COMP (Project Manager)

- SAP_BCV_USER2
- SAP_BPR_PPM
- SAP_CM_SMAN_CHANGE_MANAGER
- SAP_CPR_PROJECT_ADMINISTRATOR
- SAP_CPR_TEMPLATE_ADMINISTRATOR
- SAP_CPR_USER
- SAP_ISSUE_MANAGEMENT_ALL
- SAP_ITCALENDER_DIS
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_MCS
- SAP_OST_FB_PROJ_M
- SAP_OST_SM_CRM_UIU_PROJ_M
- SAP_OST_SRD_BW
- SAP_RM_ITREQ_MANAGER
- SAP_SM_BI_DSH_DISP
- SAP_SM_BI_EXTRACTOR
- SAP_SM_BI_INCMAN_REPORTING
- SAP_SM_BP_DISPLAY
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_CRM_UIU_SOLMANPRO_CREA
- SAP_SM_CRM_UIU_SOLMANPRO_PROC
- SAP_SM_CRM_UIU_SOLMANPRO_RM

- SAP_SM_DSH_DISP
- SAP_SM_DSH_DISP_ITPPM
- SAP_SM_FIORI_LP_EMBEDDED
- SAP_SM_ICC_ADMIN
- SAP_SM_ITPPM_ALL
- SAP_SM_KW_ALL
- SAP_SM_SL_ADMIN
- SAP_SM_SUTMAN_ADMIN
- SAP_SOCM_CHANGE_MANAGER
- SAP_SOCM_REQUESTER
- SAP_SOL_TRAINING_ALL
- SAP_SUPPDESK_CREATE
- SAP_SUPPDESK_DISPLAY
- SAP_SYSTEM_REPOSITORY_ALL

SAP_OST_FB_REL_M_COMP (Release Manager)

- SAP_BPR_PPM
- SAP_CM_SMAN_ADMINISTRATOR
- SAP_CM_SMAN_CHANGE_MANAGER
- SAP_CM_SMAN_DEVELOPER
- SAP_CM_SMAN_OPERATOR
- SAP_CM_SMAN_RELEASE_MANAGER
- SAP_CPR_PROJECT_ADMINISTRATOR
- SAP_CPR_USER
- SAP_ISSUE_MANAGEMENT_EXE
- SAP_ITCALENDER_DIS
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_REL_M
- SAP_OST_SM_CRM_UIU_REL_M
- SAP_OST_SRD_BW
- SAP_SM_BI_DSH_CONF
- SAP_SM_BI_DSH_DISP
- SAP_SM_BI_EXTRACTOR
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_ADMIN
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_CRM_UIU_SOLMANPRO_CREA
- SAP_SM_CRM_UIU_SOLMANPRO_PROC
- SAP_SM_DSH_CONF

- SAP_SM_DSH_DISP
- SAP_SM_FIORI_LP_EMBEDDED
- SAP_SM_ITPPM_DIS
- SAP_SM_KW_ALL
- SAP_SM_SL_DISPLAY
- SAP_SM_SL_EDIT
- SAP_SOCM_ADMIN
- SAP_SOCM_CHANGE_MANAGER
- SAP_SOCM_DEVELOPER
- SAP_SOCM_IT_OPERATOR
- SAP_SOCM_RELEASE_MANAGER
- SAP_SOCM_REQUESTER
- SAP_SUPPDESK_CREATE
- SAP_SUPPDESK_DISPLAY
- SAP_SYSTEM_REPOSITORY_DIS
- SAP_SYSTEM_REPOSITORY_EXE

SAP_OST_FB_TESTER_COMP (Tester)

- SAP_BPR_PPM
- SAP_CM_SMAN_TESTER
- SAP_ITCALENDER_DIS
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_TESTER
- SAP_OST_SM_CRM_UIU_TESTER
- SAP_SM_BI_DSH_DISP
- SAP_SM_BI_EXTRACTOR
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_CRM_UIU_SOLMANPRO_CREA
- SAP_SM_DSH_DISP
- SAP_SM_FIORI_LP_EMBEDDED
- SAP_SM_ITPPM_DIS
- SAP_SM_KW_ALL
- SAP_SM_SL_DISPLAY
- SAP_SOCM_TESTER
- SAP_STCE_EXE
- SAP_STWB_2_DIS
- SAP_STWB_INFO_DIS
- SAP_STWB_WORK_ALL

-
- SAP_SUPPDESK_CREATE
 - SAP_SUPPDESK_DISPLAY
 - SAP_SYSTEM_REPOSITORY_DIS

SAP_OST_FB_TEST_M_COMP (Test Manager)

- SAP_BPR_PPM
- SAP_ISSUE_MANAGEMENT_EXE
- SAP_ITCALENDER_DIS
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_TEST_M
- SAP_OST_SM_CRM_UIU_TEST_M
- SAP_OST_TM_DB_BW
- SAP_SM_BI_DSH_DISP
- SAP_SM_BI_EXTRACTOR
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_CRM_UIU_SOLMANPRO_PROC
- SAP_SM_DSH_CONF
- SAP_SM_DSH_DISP
- SAP_SM_FIORI_LP_EMBEDDED
- SAP_SM_ITPPM_DIS
- SAP_SM_KW_ALL
- SAP_SM_SL_ADMIN
- SAP_SM_SL_DISPLAY
- SAP_SM_SL_EDIT
- SAP_SOCM_REQUESTER
- SAP_STWB_2_ALL
- SAP_STWB_INFO_ALL
- SAP_STWB_SET_ALL
- SAP_SUPPDESK_CREATE
- SAP_SUPPDESK_PROCESS
- SAP_SYSTEM_REPOSITORY_ALL

SAP_OST_FB_CHANGE_M_COMP (Change Manager)

- SAP_BPR_PPM
- SAP_CM_SMAN_CHANGE_MANAGER
- SAP_CM_SMAN_TESTER
- SAP_CPR_USER

- SAP_ITCALENDER_DIS
- SAP_OST_FB_CHANGE_M
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_MCS
- SAP_OST_SM_CRM_UIU_ARCHITECT
- SAP_SM_BI_DSH_DISP
- SAP_SM_BI_EXTRACTOR
- SAP_SM_BI_INCMAN_REPORTING
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_DSH_DISP
- SAP_SM_FIORI_LP_EMBEDDED
- SAP_SM_ITPPM_DIS
- SAP_SM_KW_DIS
- SAP_SM_SL_DISPLAY
- SAP_SOCM_CHANGE_MANAGER
- SAP_SUPPDESK_DISPLAY
- SAP_SYSTEM_REPOSITORY_DIS

SAP_OST_FB_TOOLLEAD_COMP (Tool Lead)

- SAP_BCV_USER2
- SAP_BPR_PPM
- SAP_CM_SMAN_ADMINISTRATOR
- SAP_CM_SMAN_CHANGE_MANAGER
- SAP_CM_SMAN_OPERATOR
- SAP_CM_SMAN_RELEASE_MANAGER
- SAP_CPR_PROJECT_ADMINISTRATOR
- SAP_CPR_TEMPLATE_ADMINISTRATOR
- SAP_CPR_USER
- SAP_ISSUE_MANAGEMENT_EXE
- SAP_ITCALENDER_DIS
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_DGP
- SAP_OST_FB_MCS
- SAP_OST_FB_TOOLLEAD
- SAP_OST_SM_CRM_UIU_TOOLLEAD
- SAP_RM_BR_ADMIN
- SAP_RM_BUSINESS_MANAGER
- SAP_RM_ITREQ_MANAGER

-
- SAP_SMWORK_CHANGE_MAN
 - SAP_SMWORK_IMPL
 - SAP_SMWORK_INCIDENT_MAN
 - SAP_SMWORK_ITEST
 - SAP_SM_BI_DSH_CONF
 - SAP_SM_BI_DSH_DISP
 - SAP_SM_BI_EXTRACTOR
 - SAP_SM_BI_INCMAN_REPORTING
 - SAP_SM_BP_ADMIN
 - SAP_SM_BP_DISPLAY
 - SAP_SM_CBTA_TRANSPORT
 - SAP_SM_CRM_UIU_FRAMEWORK
 - SAP_SM_CRM_UIU_SOLMANPRO_ADMIN
 - SAP_SM_CRM_UIU_SOLMANPRO_CHARM
 - SAP_SM_CRM_UIU_SOLMANPRO_PROC
 - SAP_SM_CRM_UIU_SOLMANPRO_RM
 - SAP_SM_DSH_CONF
 - SAP_SM_DSH_DISP
 - SAP_SM_DSH_DISP_ITPPM
 - SAP_SM_FIORI_LP_EMBEDDED
 - SAP_SM_GEN_TRANSPORT
 - SAP_SM_ITPPM_ALL
 - SAP_SM_KW_ALL
 - SAP_SM_SL_ADMIN
 - SAP_SM_SL_EDIT
 - SAP_SM_SUTMAN_ADMIN
 - SAP_SOCM_ADMIN
 - SAP_SOCM_CHANGE_MANAGER
 - SAP_SOCM_IT_OPERATOR
 - SAP_SOCM_RELEASE_MANAGER
 - SAP_SOL_TRAINING_ALL
 - SAP_STCE_EXE
 - SAP_STWB_2_ALL
 - SAP_STWB_INFO_ALL
 - SAP_STWB_SET_ALL
 - SAP_STWB_WORK_ALL
 - SAP_SUPPDESK_CREATE
 - SAP_SUPPDESK_PROCESS
 - SAP_SYSTEM_REPOSITORY_ALL

SAP_OST_FB_CONFIG_COMP (Configurator)

- SAP_BC_SES_ADMIN
- SAP_CHARM_CONFIG
- SAP_CPR_PROJECT_ADMINISTRATOR
- SAP_CPR_USER
- SAP_ESH_CR_ADMIN
- SAP_ESH_TRANSPORT
- SAP_ITCALENDER
- SAP_OST_FB_CONFIG
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_TOOLLEAD
- SAP_OST_SM_CRM_UIU_ARCHITECT
- SAP_OST_SM_CRM_UIU_DEV
- SAP_OST_SM_CRM_UIU_PROJ_M
- SAP_OST_SM_CRM_UIU_REL_M
- SAP_OST_SM_CRM_UIU_TESTER
- SAP_OST_SM_CRM_UIU_TEST_M
- SAP_OST_SM_CRM_UIU_TOOLLEAD
- SAP_OST_SRD_BW
- SAP_OST_TM_DB_BW
- SAP_RM_CONFIG
- SAP_SDCCN_ALL
- SAP_SETUP_BASIC
- SAP_SETUP_BASIC_APPLOG
- SAP_SETUP_BASIC_ARCHIVE
- SAP_SETUP_BASIC_S_DEVELOP
- SAP_SETUP_INFRASTR_DISP
- SAP_SETUP_MANAGED_DISP
- SAP_SETUP_SYSTEM_PREP
- SAP_SL_CONFIG
- SAP_SMWORK_CHANGE_MAN
- SAP_SMWORK_CONFIG
- SAP_SMWORK_IMPL
- SAP_SMWORK_INCIDENT_MAN
- SAP_SMWORK_SM_ADMIN
- SAP_SM_BP_ADMIN
- SAP_SM_CRM_UIU_FRAMEWORK
- SAP_SM_CRM_UIU_SOLMANPRO_ADMIN
- SAP_SM_CRM_UIU_SOLMANPRO_CHARM
- SAP_SM_CRM_UIU_SOLMANPRO_PROC

- SAP_SM_DASHBOARDS_DISP_LMDB
- SAP_SM_ESH_ADMIN
- SAP_SM_FIORI_LP_EMBEDDED
- SAP_SM_GATEWAY_ACTIVATION
- SAP_SM_GEN_TRANSPORT
- SAP_SM_ITPPM_DIS
- SAP_SM_KW_ALL
- SAP_SM_RFC_ADMIN
- SAP_SM_ROLECMP_ALL
- SAP_SM_SL_ADMIN
- SAP_SM_SMUA_ALL
- SAP_SM_TREX_ADMIN
- SAP_SM_USER_ADMIN
- SAP_SUPPDESK_CONFIG
- SAP_SUPPDESK_CONFIG_ADD
- SAP_SYSTEM_REPOSITORY_ALL
- SAP_TM_CONFIG

2.6.3 Additional Roles for TBOM Recording

In case a Tester user shall be able to record TBOMs the assignment of further single roles in the SAP Solution Manager system is necessary:

- SAP_SM_BPCA_TBOM_EXE
- SAP_SM_BPCA_RES_DIS
- SAP_SM_SL_EDIT
- SAP_SM_BP_DISPLAY

And for recording activities the Tester user in the managed system, beside application specific authorizations, needs the authorizations provided by role SAP_SM_BPCA_TBOM. In addition, when you are using the trusted RFC - connection, you need to assign authorization object S_RFCACL.

For further details see https://help.sap.com/viewer/product/SAP_Solution_Manager/7.2.08/en-US > Security > Application-Specific Security Guide -> 5 Process Management, and Test Suite -> 5.4 Scenario-Specific Guide: Business Process Change Analyzer -> 5.4.5 Users and Authorizations -> 5.4.5.1 Users and User Roles -> Business Process Expert (Help Text ID: TP_BPCA_BPE).

2.6.4 Test Suite Dashboard - Single Role

This section lists the single roles that specifically have been defined for Focused Build - Test Suite Dashboard.

Single roles containing menu entries, navigation and authorization data:

- SAP_OST_TM_DB_BW

2.6.5 Single role to run Focused Build specific Background Jobs with a specific Technical User

During Configuration of Focused Build Requirements-to-Deploy you create a technical user (user type: system user) to run batch jobs that are relevant for Focused Build Requirements-to-Deploy. This is done in transaction SOLMAN_SETUP scenario Focused Build in step 1.4 Maintain System Users. The default name for the user is FB_BTC.

This user must receive a copy of role SAP_OST_FB_BTC which contains all relevant authorizations.

The relevant jobs, specific for Focused Build Requirements-to-Deploy which run with user FB_BTC are listed in transaction SOLMAN_SETUP scenario Focused Build in step 1.5 Schedule Jobs.

2.6.6 Enhanced Approval Procedure Functions - Fix Pace

The Fix Pace process includes the usage of the enhanced approval procedure functions. These include the restriction using the authorization object SM_APP_AP.

The following Focused Build specific roles contain the following Focused Build specific authorizations, by default:

Role	Transaction Type	Authorized Activities
SAP_OST_FB_ARCHITECT	S1CR	Change, Enter, Include, Assign, Accept, Remove
SAP_OST_FB_CHANGE_M	S1CR	Change, Enter, Include, Assign, Accept, Remove
SAP_OST_FB_PROJ_M	S1CR	Change, Enter, Include, Assign, Accept, Remove
SAP_OST_FB_REL_M	S1CR	Change, Enter, Include, Assign, Accept, Remove
SAP_OST_FB_TOOLLEAD	S1CR	Change, Enter, Include, Assign, Accept, Remove

For more information, refer to the documentation of [Approval Procedures](#).

2.6.7 Roles for Simplification Item Management - for System Conversion

This section lists the single roles that specifically have been defined for Focused Build - Simplification Item Management - for System Conversion. Single roles containing menu entries, navigation and authorization data:

- SAP_OST_FB_SC_ANALYST
- SAP_OST_FB_SC_ARCHITECT
- SAP_OST_FB_SC_PROJ_M
- SAP_OST_FB_SC_REL_M
- SAP_OST_FB_SC_TOOLLEAD

2.6.8 Solution Documentation Administration - Export authorization

Authorization object SM_SDOCADM:

This object allows restrictions on the administrative level, that is administrative tasks on the process documentation level, the branches level, and logical components. As per default, ACTVT 61 (Export) is not set active due to its security-criticality. If you require this activity for you user, you need to adapt the authorization object accordingly in your user role.

2.7 Size limit for uploads in DropDocs

You may limit the size of files uploaded via the dropDocs component of Focused Build to protect the application server from a Denial of Service (DOS) attack from large requests. This restriction is set in the Internet Communication Manager and applies to `_all_` file uploads via the HTTP protocol. Use parameter `icm/HTTP/max_request_size_KB` with an integer value for the maximum file size in kilobytes. If the content-length of the request exceeds the specified value of the parameter, the request is not passed to the application server and an error message is sent to the application frontend. The parameter value refers to the size of the uploaded file content. Due to the required ASCII encoding of binary data the uploaded content may be considerably larger than the original file size.

2.8 Restriction of Approval of Requirements

The Solution Architect is able to create and approve Requirements.

Possible limitations:

- Check on Owner - During approval of a requirement, a check is performed if the approver is assigned as Owner. If this is the case, a message is populated. Per default this message is populated as warning. How to configure the message as error message instead of warning is described in the configuration guide.
- Authorization role – If in general the creation of requirements only shall be possible by the Business Analyst but not by the Solution Architect, the respective authorization role of the Solution Architect has to be restricted. In this case adjust the configuration of the respective role in the following way:

To remove the creation authorization, change the configuration to authorization object `CRM_ORD_PR` in the following way:
Remove authorization for activity Create (01) to business transaction type S1BR

2.9 Password Security & Error Logging

When using Focused Build applications, we recommend to only use secure connections (HTTPS). By default, the security requirement SSL is enabled for the launchpad service which enforces the use of HTTPS. This is especially important when using digital signature as the password used in the signature process is part of the request payload to the backend which could be easily compromised if not properly encrypted.

When using digital signatures, you should also avoid enabling payload logging for Focused Build ODATA services as this introduces the risk that a password might be logged and will be accessible to all persons who have access to these logs.

3 Focused Build - Standalone Extensions Change Request Management

Single role SAP_OST_FB_CM_ITSM_CONFIG includes the Focused Build specific authorizations that are required for the configuration of the Focused Build standalone extensions of IT Service Management and Change Control Management.

In the following it is described which Focused Build-specific roles and authorizations are relevant for the usage of the Change Control Management standalone extensions of SAP Solution Manager Focused Build.

3.1 Status Dependent Check Framework

There are no Focused Build-specific authorizations or roles associated to this functionality.

3.2 Cross Landscape Distribution

3.2.1 TMW RFC

The Focused Build - Cross Landscape Distribution function uses the RFC infrastructure of SAP Solution Manager. Specifically, it requires TMW RFCs for each development system that you want to distribute to.

In each of these systems, the TMW RFC user requires this additional authorization (in bold):

Authorization Object:

S_RFC

ACTVT = 16

RFC_NAME = **TMW_GET_OPEN_TRANSPORTS**, /SALM/CM_XLD_MERGE_REQUESTS, SALM/CM_XLD_TRANSMIT_QUEUE

RFC_TYPE = FUNC

3.2.2 Main Personas

Focused Build - Cross Landscape Distribution uses the following main personas:

- Transport Manager

3.2.3 Technical Roles

The following table displays the mapping between the personas, composite roles and CRM business roles used for Focused Build - Cross Landscape Distribution:

Focused Build Persona	Composite Role	CRM Business Role
Transport Manager	SAP_OST_CM_TRANSPORT_M_COMP	/SALM/SM_PRO

3.2.3.1 Single Roles

This section lists the single roles that specifically have been defined for Focused Build standalone enhancements in the Change Request Management area, and are relevant for cross landscape distribution.

Single roles containing menu entries, navigation and authorization data:

- SAP_OST_CM_TRANSPORT_M
- SAP_OST_FB_CRM_UIU
- SAP_OST_FB_CRM_UIU_CM

Single role used for mapping to dedicated CRM business role:

- SAP_OST_SM_CRM_UIU_SM_PRO

3.2.3.2 Composite Roles

This section lists the composite roles that specifically have been defined for Focused Build standalone enhancements in the Change Request Management area, and are relevant for cross landscape distribution. To each of the composite roles single roles, specific for Focused Build, as well as single roles belonging to the SAP Solution Manager scenario Change Request Management are assigned. These assigned single roles are listed per composite role.

SAP_OST_CM_TRANSPORT_M_COMP (Transport Manager):

SAP_BPR_PPM

SAP_CM_SMAN_ADMINISTRATOR

SAP_CM_SMAN_OPERATOR

SAP_CPR_PROJECT_ADMINISTRATOR

SAP_CPR_USER

SAP_ITCALENDER_DIS

SAP_OST_CM_CUTOVER

SAP_OST_CM_TRANSPORT_M

SAP_OST_FB_CRM_UIU

SAP_OST_FB_CRM_UIU_CM

SAP_OST_SM_CRM_UIU_SM_PRO

SAP_SM_BI_DSH_CONF
SAP_SM_BI_EXTRACTOR
SAP_SM_CRM_UIU_FRAMEWORK
SAP_SM_CRM_UIU_SOLMANPRO_ADMIN
SAP_SM_CRM_UIU_SOLMANPRO_CHARM
SAP_SM_DSH_CONF
SAP_SM_FIORI_LP_EMBEDDED
SAP_SM_ITPPM_DIS
SAP_SM_KW_DIS
SAP_SM_SL_EDIT
SAP_SOCM_ADMIN
SAP_SOCM_IT_OPERATOR
SAP_SYSTEM_REPOSITORY_EXE

3.3 Change Request Management Repack

3.3.1 TMW RFC

The Focused Build - Change Request Management Repack function uses the RFC infrastructure of SAP Solution Manager. For this function, the TMW RFC user requires the following additional authorizations (in bold):

Authorization Object:

S_RFC

ACTVT = 16

RFC_NAME = /SALM/CHARM_REPACK

RFC_TYPE = FUNC

S_RFC

ACTVT = 16

RFC_NAME = TMW_TM_GET_HISTORY

RFC_TYPE = FUNC

S_RFC

ACTVT = 16

RFC_NAME = TR_OBJECTS_OF_REQ_AN_TASKS_RFC

RFC_TYPE = FUNC

3.3.2 Main Personas

Focused Build - Change Request Management Repack uses the following main personas:

- Transport Manager

3.3.3 Technical Roles

The following table displays the mapping between the personas, composite roles and CRM business roles used for Focused Build - Change Request Management Repack:

Focused Build Persona	Composite Role	CRM Business Role
Transport Manager	SAP_OST_CM_TRANSPORT_M_COMP	/SALM/SM_PRO

3.3.3.1 Single Roles

This section lists the single roles that specifically have been defined for Focused Build standalone enhancements in the Change Request Management area, and are relevant for Change Request Management Repack.

Single roles containing menu entries, navigation and authorization data:

- SAP_OST_FB_CRM_UIU
- SAP_OST_CM_TRANSPORT_M

The user who performs the Repack requires the authorization object SM_FIELD with the following values:

- Business Transaction Type: <used transaction type, e.g. SMHF, SMMJ>
- Field name: /SALM/REPACK, /SALM/XLD

Single roles used for mapping to dedicated CRM business role:

- SAP_OST_SM_CRM_UIU_SM_PRO

3.3.3.2 Composite Roles

This section lists the composite roles that specifically have been defined for Focused Build standalone enhancements in the Change Request Management area, and are relevant for Change Request Management repack. To each of the composite roles single roles, specific for Focused Build, as well as single roles belonging to the SAP Solution Manager scenario Change Request Management are assigned. These assigned single roles are listed per composite role.

SAP_OST_CM_TRANSPORT_M_COMP (Transport Manager):

SAP_BPR_PPM

SAP_CM_SMAN_ADMINISTRATOR

SAP_CM_SMAN_OPERATOR

SAP_CPR_PROJECT_ADMINISTRATOR
SAP_CPR_USER
SAP_ITCALENDER_DIS
SAP_OST_CM_CUTOVER
SAP_OST_CM_TRANSPORT_M
SAP_OST_FB_CRM_UIU
SAP_OST_FB_CRM_UIU_CM
SAP_OST_SM_CRM_UIU_SM_PRO
SAP_SM_BI_DSH_CONF
SAP_SM_BI_EXTRACTOR
SAP_SM_CRM_UIU_FRAMEWORK
SAP_SM_CRM_UIU_SOLMANPRO_ADMIN
SAP_SM_CRM_UIU_SOLMANPRO_CHARM
SAP_SM_DSH_CONF
SAP_SM_FIORI_LP_EMBEDDED
SAP_SM_ITPPM_DIS
SAP_SM_KW_DIS
SAP_SM_SL_EDIT
SAP_SOCM_ADMIN
SAP_SOCM_IT_OPERATOR
SAP_SYSTEM_REPOSITORY_EXE

3.4 Score Card

3.4.1 Technical Roles

There are no Focused Build-specific authorizations or roles needed for using the Score Card feature.

However, the scorecard is integrated in the CRM business role /SALM/SM_SM_PRO. To use it you need to have the following roles assigned:

- SAP_OST_SM_CRM_UIU_SM_PRO
- SAP_OST_FB_CRM_UIU_CM
- SAP_OST_FB_CRM_UIU

3.5 Retrofit Automation

There are no Focused Build-specific authorizations or roles needed for using the Retrofit Automation feature.

The retrofit report is either executed by a dialog user or by a system user (in case the report is scheduled in a background job).

Relevant are the authorizations and authorization roles available for SAP Solution Manager Change Request Management and Retrofit, delivered by ST. Especially the following has to be considered:

- For scheduling the retrofit report:
 - Authorization to schedule a report in the background (transaction SM37)
- For the user executing the retrofit report:
 - In SAP Solution Manager system:
 - Authorization for authorization object SM_CM_RFIT (activity „Display“) is needed.
 - CRM authorizations for the creation of target change documents (only relevant for scenario 'Change Document as Retrofit Target')
 - Authorization for transaction SE38 or SA38
- In both DEV systems (maintenance and development track):
 - Authorization for authorization object S_RFCACL for the usage of the trusted RFC – connection from the SAP Solution Manager system to the DEV systems.
 - Authorization role SAP_CM_MANAGED_DEVELOPER_RETRO.
- In TEST System (development track):
 - Import authorization to import retrofit transport of copies (ToCs) in the test system (only relevant for scenario 'ToC as Retrofit Target')

For the TMW RFC user the following authorizations are needed. They should already be maintained accordingly if the RFCs and RFC users have been generated using SOLMAN_SETUP

- In DEV System (development track):
 - Retrofit target transport request / ToC creation authorization
 - For the „ToC as Retrofit Target“ scenario: Authorization to release ToC

3.6 Retrofit for BW

3.6.1 TMW RFC

The Focused Build - Retrofit for BW function uses the RFC infrastructure of SAP Solution Manager.

For this function, the TMW RFC user requires this additional authorization on the Retrofit Target System (in bold):

Authorization Object:

S_RFC

ACTVT = 16

RFC_NAME = /SALM/FGR_RETRO_BW_MS

RFC_TYPE = FUGR

In addition, the TMW RFC User also requires the authorization for the Function Module RS_TRFN_GET_RETROFIT_TRANIDS.

This RFC Authorization has been embedded in the newest Authorization Profile SAP_SOLMAN_TMW_702.

3.6.2 Technical Roles

There are no Focused Build-specific technical roles defined for using the Retrofit for BW feature.

3.7 Test System Refresh

There are no Focused Build-specific authorizations or roles needed for using the test system refresh feature.

3.8 Multi Tenancy

3.8.1 Technical Roles

Single roles containing menu entries, navigation and authorization data, specific and relevant for using the Multi Tenancy feature:

SAP_OST_FB_MULTI_TEN

Authorization object /SALM/MTST is the only object that is assigned to role SAP_OST_FB_MULTI_TEN. As the configuration of this authorization object is customer specific, it is assigned as inactive. The role is intended to be used as template for the definition of own roles.

The following Focused Build-specific authorization object has been defined for using the Multi Tenancy feature: /SALM/MTST.

Authorization object /SALM/MTST must be added with the required configuration to the technical authorization roles of each process role, such as requester, developer, or change manager. As template for the assignment, role SAP_OST_FB_MULTI_TEN can be used. Depending on their tasks in the process, the values for the authorization fields must be set.

Authorization object /SALM/MTST provides status specific control about read and write access to a CRM transaction. It has the following 3 fields:

- STSMA
Status Profile of the transaction type to be checked
- ESTAT
User Status which has the authorization to be displayed / created
- ACTVT
Possible permitted activities are create and display

3.8.2 Business Partner-dependent Checks

For business partner-dependent checks, the following authorization objects belonging to different SAP Solution Manager scenarios are relevant for the Focused Build - multitenancy feature and must be added to the respective technical authorization roles: B_BUPA_GRP .

With authorization object `B_BUPA_GRP` you define which business partners can be edited on the basis of the authorization group. It has the following 2 fields:

- `ACTVT`
Possible permitted activities are create, change, display, and delete
- `BEGRU`
Authorization groups of business partners for which the above activities are permitted

For business partner-dependent checks, authorization object `B_BUPA_GRP` must be added to the technical authorization roles.

The concrete values for this authorization object are based on the assignment of the business partner of a user to one of the organizations/tenant and not to his or her process role. It is recommended to manage this authorization in separate roles per tenant. If necessary, further tenant-dependent objects can be added to these roles.

In this document, only the display permission is taken into consideration since it is assumed that only this is needed within Change Request Management and IT Service Management.

3.8.3 Configuration Item-dependent Checks

For configuration item-dependent checks, the following authorization objects belonging to different SAP Solution Manager scenarios are relevant for the Focused Build- Multi Tenancy feature and must be added to the respective technical authorization roles: `SM_SDK_IBA`.

Authorization object `SM_SDK_IBA` is being used to restrict the IBase components that are being shown to the user. It has the following field:

- `SMIBASDISP`
Possible Visibilities: All IBase Components, IBase Components that the BP's organizations are assigned to, and IBase Components that the BP itself is assigned to.

For configuration item-dependent checks, authorization object `SM_SDK_IBA` must be added to the technical authorization roles.

The concrete values for this authorization object are based on the assignment of an organizational unit to a system and not to his process role. It is recommended to manage this authorization in separate roles per tenant. If necessary, further tenant-dependent objects can be added to these roles.

3.8.4 Configuration Item-dependent Checks

To restrict access to solutions and documentation, the following authorization objects belonging to different SAP Solution Manager scenarios are relevant for the Focused Build - Multi Tenancy feature and must be added to the respective technical authorization roles: `SM_SDOC`, `SM_CM_FUNC`.

Authorization object `SM_SDOC` controls the solution documentation maintenance. It has the following five fields:

- `SLAN`
Restricts authorization by solution
- `SBRA`
Restricts authorization by branch
- `SMUDAREA`

- Restricts authorization by sections of a solution
- SMUDAUTHGR
Restricts authorization to groups of specified element types or attribute types
- ACTVT
Allows restricting authorizations to certain user activities like create, change, display, delete, activate, release, move, discard, override and copy

Authorization object SM_CM_FUNC provides authorization to perform various Quality Gate Management (QGM) and Change Request Management functions. It contains the following fields:

- SUB_LAND
Name of the sub-landscape
- BRANCH_NM
Name of the branch
- CYCLE_TYPE
Type of change cycle can be restricted to major release, minor release, emergency release, maintenance cycle, implementation cycle, quality gate management
- CM_ACTVT
Specific functions to be controlled

To restrict access to solutions and documentation, authorization objects SM_SDOC and SM_CM_FUNC must be added to the technical authorization roles.

The concrete values for this authorization objects are based on your existing solution documentation and their structure.

To be able to execute report /SALM/ITSM_MT_BP_AUTH_GRP, the assignment of transaction code /SALM/MT_BP_AUTHGRP is required.

3.9 Release Batch Import

3.9.1 TMW RFC

The Focused Build - Release Batch Import function uses the RFC infrastructure of SAP Solution Manager.

For this function, the TMW RFC user requires this additional authorization on the managed system (in bold):

Authorization Object:

S_RFC

ACTVT = 16

RFC_NAME = **TMW_PROJECT_LOCK**

RFC_TYPE = FUGR

3.9.2 Technical Roles

Single roles containing menu entries, navigation and authorization data, specific and relevant for using the Release Batch Import feature:

SAP_OST_FB_CHM

This role is to be assigned to technical user SM_CHM (additionally to role SAP_SM_CHM). The technical user SM_CHM is used for various background jobs within Change Request Management and within Focused Build.

3.10 Electronic Signature

3.10.1 Technical Roles

The following single role has been specifically defined for Focused Build standalone enhancements in the Change Request Management area, and is relevant for the Electronic Signature:

SAP_OST_FB_CM_ESIGN

This role includes authorization object C_SIGN which is required to be able to execute a digital signature with the following configuration:

C_SIGN

SIGNAPPL = /SALM/CR

SIGNOBJ = /SALM/CR

ACTVT = 73

The electronic signature is integrated in the CRM business role /SALM/SM_SM_PRO. To use it, as well the following roles have to be assigned:

- SAP_OST_SM_CRM_UIU_SM_PRO
- SAP_OST_FB_CRM_UIU_CM
- SAP_OST_FB_CRM_UIU

3.11 Cutover

3.11.1 Technical Roles

The following single role has been specifically defined for Focused Build standalone enhancements in the Change Request Management area, and is relevant for the Cutover:

SAP_OST_CM_CUTOVER

This role contains the needed authorizations to start a cutover check or post cutover activity, as for example to schedule background jobs and to read LMDB objects.

The Cutover Checks and Post Cutover Activities are integrated in the CRM business role /SALM/SM_SM_PRO. To use it as well the following roles have to be assigned:

- SAP_OST_SM_CRM_UIU_SM_PRO
- SAP_OST_FB_CRM_UIU_CM
- SAP_OST_FB_CRM_UIU

3.12 Template Protection

The following single role has been specifically defined for Focused Build standalone enhancements in the Change Request Management area, and is relevant for the Template Protection feature:

SAP_OST_FB_TPP

This role contains the needed authorizations to use the Template Protection applications.

3.13 Change Request Management Dashboard

3.13.1 Main Personas

Focused Build - Change Request Management Dashboard typically is used by one or several of the following main personas:

- Release Manager
- Change Manager
- IT Operator
- Administrator

3.13.2 Technical Roles

Single roles containing menu entries, navigation and authorization data, specific and relevant for using the Change Request Management Dashboard feature:

SAP_OST_FB_CM_DASH

4 Focused Build - Standalone Extensions IT Service Management

Single role SAP_OST_FB_CM_ITSM_CONFIG includes the Focused Build specific authorizations that are required for the configuration of the Focused Build standalone extensions of IT Service Management and Change Control Management.

In the following it is described which Focused Build-specific roles and authorizations are relevant for the usage of the IT Service Management standalone extensions of SAP Solution Manager Focused Build.

4.1 Simple IT Request

4.1.1 Main Personas

Focused Build - Simple IT Request uses the following main personas:

- Service Requester
The service requester can access the [Service Catalog](#) application. Further, the service requester can access his or her own requests using the [My Requests](#) application. With the [My Requests](#) application, the service requester can review the status of the request, answer to questions raised by the processor, edit, delete, and create attachments, and set the user status by using action buttons (to withdraw, reject, confirm, etc.). Both applications can be accessed from the SAP Solution Manager launchpad.
- Service Manager
The service manager maintains the service catalog and its hierarchy using the CRM WebClient UI and a dedicated business role (/SALM/SM_PRO). Within this business role, the service manager can create, maintain, or delete transaction templates (= services) such as the incident template, the service request template, and others. In addition to defining the service including its pre-defined data (such as involved parties, priority, and long text the service manager also defines the layout of the service form in the [Service Catalog](#) application. Further, the service manager can maintain the categorization schema to define the structure of the services that appear in the catalog application. The service manager can access to the service catalog also by using the [Service Catalog](#) application. Both user interfaces, the catalog maintenance in the CRM WebClient UI and [Service Catalog](#) application, can be accessed from the SAP Solution Manager launchpad.
- Request Approver
If in the workflow of a request an approval is required, the respective approver has to approve the request using Fiori application [My Inbox](#) or in the CRM WebUI.

The Fiori app [My Inbox](#) is not SAP Solution Manger specific but running on a central Fiori Frontend Service (central-hub-deployment).

4.1.2 CRM Object Types

The objects which are handled in Focused Build - Simple IT Request are CRM objects. CRM transactions of specific transaction types are used for the interaction of the parties involved in the Focused Build - Simple IT Request processes.

The following transaction types are used in Focused Build - Simple IT Request:

CRM Transaction Type	Description
S4CT	Request for Change Template Simple IT Request
S4IT	Incident Template Simple IT Request
S4PT	Problem Template Simple IT Request
S4ST	Service Request Template Simple IT Request
S4AT	Service Request Approver Template (SITR)
S4RQ	Service Request with Approval (SITR)

4.1.3 Technical Roles

The following table displays the mapping between the personas, composite roles and CRM business roles used for Focused Build - Simple IT Request:

Focused Build Persona	Composite Role	CRM Business Role
Service Requester	SAP_OST_SSR_REQUESTER_COMP	-
Service Manager	SAP_OST_SSR_MANAGER_COMP	/SALM/SM_PRO

The following table displays the mapping between the personas and single roles that additionally have to be assigned to the respective persona in case service requests with approval are used:

Focused Build Persona	Single Role
Service Requester	SAP_OST_FB_ITSM_S4RQ_CREATE
Service Approver	SAP_OST_FB_ITSM_S4RQ_APPROVE

4.1.3.1 Single Roles

This section lists the single roles that specifically have been defined for Focused Build - Simple IT Request.

Single roles containing menu entries, navigation and authorization data:

SAP_OST_FB_CM_ITSM_CONFIG

SAP_OST_FB_ITSM_S4RQ_APPROVE

SAP_OST_FB_ITSM_S4RO_CREATE
SAP_OST_SSR_MANAGER
SAP_OST_SSR_REQUESTER

Single roles used for mapping to dedicated CRM business role:

SAP_OST_SM_CRM_UIU_SM_PRO

4.1.3.2 Composite Roles

This section lists the composite roles that specifically have been defined for Focused Build - Simple IT Request. Single roles, specific for Focused Build, as well as single roles belonging to the SAP Solution Manager scenarios IT Service Management and Change Request Management are assigned to each of the composite roles. These assigned single roles are listed per composite role.

SAP_OST_SSR_REQUESTER_COMP (Service Requester):

SAP_OST_SSR_REQUESTER
SAP_SM_CRM_UIU_FRAMEWORK
SAP_SM_CRM_UIU_SOLMANPRO_PROC
SAP_SOCM_REQUESTER
SAP_SUPPDESK_CREATE

SAP_OST_SSR_MANAGER_COMP (Service Manager):

SAP_OST_SM_CRM_UIU_SM_PRO
SAP_OST_SSR_MANAGER
SAP_SM_CRM_UIU_FRAMEWORK
SAP_SM_CRM_UIU_SOLMANPRO_CHARM
SAP_SM_CRM_UIU_SOLMANPRO_CREA
SAP_SM_CRM_UIU_SOLMANPRO_PROC
SAP_SOCM_REQUESTER
SAP_SUPPDESK_CONFIG
SAP_SUPPDESK_CREATE

5 Focused Build - Standalone Extensions Process Management

5.1 dropDocs

There are no Focused Build-specific authorizations or roles needed for using the dropDocs functionalities.

6 Focused Build - Standalone Extensions Test Management

6.1 Test Step Designer

There are no Focused Build-specific authorizations or roles defined for using only the test step functionalities.

The needed authorizations are included in the following roles that are defined for Focused Build Requirements-to-Deploy:

Persona	Composite Role
Test Manager	SAP_OST_FB_TEST_M_COMP
Tester	SAP_OST_FB_TESTER_COMP

Which single roles are assigned to these composite roles is described in chapter 2.6.2.

7 Data Protection and Privacy Measures

7.1 General

As Focused Build for SAP Solution Manager is based on the overall architecture and infrastructure of SAP Solution Manager 7.2, all the Data Protection and Privacy Measures for SAP Solution Manager apply. For the CRM based transactions of transaction types S1* as e.g. Requirements, Work Items, Work Packages, Risks, the respective measures for CRM have to be considered. ST-OST 200 support package 8 is based on SAP Solution Manager support package stack 13.

The security guides of SAP Solution Manager 7.2 SPS 13 can be found here:

https://help.sap.com/viewer/p/SAP_Solution_Manager → Implement → Security

In the following the Data Protection and Privacy Measures specific to SAP Solution Manager Focused Build are described.

The following sections deal with:

- Overview: Gives an overview of relevant applications in SAP Solution Manager Focused Build
- Reporting on Existing Data to an Identified Data Subject
- End of Purpose Check (EoP)
- Business Partner Blocking
- Simplification of Deletion of Personal Data
- Application Log Information per Function

Each chapter contains relevant information per scenario/function.

7.2 Overview of Relevant Applications in SAP Solution Manager Focused Build

This section provides an overview of relevant applications in SAP Solution Manager Focused Build that store personal data in ST-OST specific tables.

The following table gives you an overview of the relevant application, relevant objects to be protected and the purpose of the object within the application.

SAP Solution Manager Focused Build - Requirements-to-Deploy

Application	Object	Purpose
Requirements-to-Deploy - UI5 Apps	User ID	Personalization data
Requirements-to-Deploy - Project Management	User ID	Linkage to Wave: Changed by
Requirements-to-Deploy - Work Packages	Business Partner	Assignment to specific partner function or resource role

Application	Object	Purpose
Requirements-to-Deploy - Solution Readiness Dashboard 1)	User ID, User Name, Business Partner and Business Partner Name	Personalization data and assignment to documents and CRM transactions
Requirements-to-Deploy - Release Dashboard 2) 3)	User ID, User Name, Business Partner and Business Partner Name	Personalization data and assignment to documents and CRM transactions
Requirements-to-Deploy - Batch Import	User ID	Assignment to job
Requirements-to-Deploy - Test Suite	User ID and Business Partner	Personalization data
Requirements-to-Deploy - My Test Execution 3)	User ID and Business Partner	Personalization data
Requirements-to-Deploy - Test Steps 3)	User ID and Business Partner	Assignment to test steps and changed by information
Requirements-to-Deploy - Test Suite Dashboard 3)	User ID	Personalization data
Requirements-to-Deploy - Simplification Item Management - for System Conversion	User ID	S/4HANA Readiness Check header data - Created By / Changed By
SAP Analytics Cloud Extractor	Business Partner and Business Partner Name	SAP Analytics Cloud extractor data

1) Some of the used tables are as well used by Requirements-to-Deploy - Release Dashboard

2) The used tables are as well used by Requirements-to-Deploy - Solution Readiness Dashboard

3) The used tables are as well used by the respective Standalone Extension

SAP Solution Manager Focused Build - Standalone Extensions

Application	Object	Purpose
Cross Landscape Distribution	User ID	Assignment to transport
Change Request Management Repack	User ID	Assignment to transport
Retrofit Automation	User ID	Assignment to CSOL and KPI snapshot entries
Test System Refresh	User ID	Assignment to delta calculation runs and TR appends
Release Batch Import	User ID	Assignment to job
Simple IT Request	User ID	Assignment to customizing entry
My Test Execution 4)	User ID and Business Partner	Personalization data
Test Steps 4)	User ID and Business Partner	Assignment to test steps and changed by information

Application	Object	Purpose
Test Suite Dashboard 4)	User ID	Personalization data
Template Protection	User ID	Assignment to conflicts and lock data
My Documents	User ID	Personalization data
Cutover Checks and Post Cutover activities	User ID	Assignment to cutover checks and activities
Change Request Management Dashboard 4)	User ID, User Name, Business Partner and Business Partner Name	Personalization data and assignment to documents and CRM transactions

4) The used tables are as well used by the respective Focused Build - Requirements-to-Deploy application

In case FB has been already used in 7.1, it is possible, that for some applications data is stored that is not used anymore and therefore is obsolete.

7.3 Reporting on Existing Data to An Identified Data Subject

You can report on existing data subjects in SAP Solution Manager Focused Build as well as in Focused Insights using transaction /SALM/PD_INFO.

For SAP Solution Manager Focused Build report /SALM/PD_INFO_FB can be used to report on individual data subjects. The transaction as well as the report is protected by authorization object S_TCODE value /SALM/PD_INFO, which must be assigned to the user running the report. We strongly recommend to only assign this authorization to individual users and remove it after usage.

Report /SALM/PD_INFO_FB shows the usage of individual data subjects in the following Focused Build applications:

Application
Requirements-to-Deploy
UI5 Apps
Project Management
Work Packages
Solution Readiness Dashboard 1)
Release Dashboard 2) 3)
Release Management
Batch Import
Test Suite
My Test Execution 3)
Test Steps (Design + Execution) 3)
Test Suite Dashboard 3)

Application
Simplification Item Management - for System Conversion
SAP Analytics Cloud Extractor
Standalone Extensions
Cross Landscape Distribution
Change Request Management Repack
Retrofit Automation
Test System Refresh
Release Batch Import
Simple IT Request
Cutover Checks and Post Cutover activities
My Test Execution 4)
Test Steps (Design + Execution) 4)
Test Suite Dashboard 4)
Template Protection
External Tool Integration
Change Request Management Dashboard 4)

- 1) Some of the used tables are as well used by Requirements-to-Deploy - Release Dashboard
- 2) The used tables are as well used by Requirements-to-Deploy - Solution Readiness Dashboard
- 3) The used tables are as well used by the respective Standalone Extension
- 4) The used tables are as well used by the respective Focused Build - Requirements-to-Deploy application

7.4 End of Purpose (EoP) Check

An end of purpose check determines whether data is still relevant for business activities based on the retention period defined for the data. The retention period of data consists of the following phases.

- Phase one: The relevant data is actively used.
- Phase two: The relevant data is actively available in the system.
- Phase three: The relevant data needs to be retained for other reasons.

Example

For example, processing of data is no longer required for the primary business purpose, but to comply with legal rules for retention, the data must still be available. In phase three, the relevant data is blocked.

Blocking of data prevents the business users of SAP applications from displaying and using data that may include personal data and is no longer relevant for business activities. Blocking of data can impact system behavior in the following ways:

- Display: The system does not display blocked data.
- Change: It is not possible to change a business object that contains blocked data.
- Create: It is not possible to create a business object that contains blocked data.
- Copy/Follow-Up: It is not possible to copy a business object or perform follow-up activities for a business object that contains blocked data.
- Search: It is not possible to search for blocked data or to search for a business object using blocked data in the search criteria.

It is possible to display blocked data if a user has special authorization; however, it is still not possible to create, change, copy, or perform follow-up activities on blocked data.

As long the project is not finished, so still in use, also the purpose is given. If in the context of Requirements-to-Deploy a project gets archived or deleted all dependencies get deleted out of the Focused Build specific tables.

7.5 Business Partner Blocking

Business Partner Blocking is as well supported for SAP Solution Manager Focused Build. For Data Protection methods for Business Partner usage, see [Application Help for Business Partners](#). In addition, see SAP Note [1825608](#) Simplified Blocking and Deletion of Central Business Partner.

After blocking Business Partner report /SALM/DATA_BUFFER_DELETE has to be executed.

General information about Simplified Deletion and Blocking of Personal Data in SAP Business Suite are provided in SAP note [1825544](#).

7.6 Simplification of Deletion of Personal Data

Business Partner Blocking is as well supported for SAP Solution Manager Focused Build. For Data Protection methods for Business Partner usage, see [Application Help for Business Partners](#). In addition, see SAP Note [1825608](#) Simplified Blocking and Deletion of Central Business Partner.

General information about Simplified Deletion and Blocking of Personal Data in SAP Business Suite are provided in SAP note [1825544](#).

Directly before or after a project is archived/deleted, use report /SALM/PROJ_LIST_CRM to get the related CRM objects that must be archived/deleted using the standard CRM functionalities.

Additional data stored in Focused Build tables for projects or CRM objects will be automatically deleted when the related project/CRM object is deleted.

In general, valid for all applications listed below:

- In case a user ID is deleted (e.g. via SU01), enhancement implementation /SALM/BADI_IDENTITY_UPDATE is used to delete personalization data of this user. Make sure that the enhancement implementation is active.

- Report /SALM/CLEANUP can be used to delete obsolete and orphan data. The execution of the report is controlled by authorization object S_TABU_NAM with activity 02 and table name /SALM/*. The execution is logged in the application log (SLG1) with object /SALM/ and sub-object /SALM/DELETE.
- Report /SALM/CLEANUP_USER_DATA can be used by a user to delete the personalization data of the own user. As every user should be able to control his own private data, the execution of the report is only controlled by the authorization to execute the report. The execution is logged in the application log (SLG1) with object /SALM/ and sub-object /SALM/DELETE.
- The access and deletion of table entries is controlled by authorization objects S_TABU_DIS or S_TABU_NAM.

To delete the user access logs report /STDF/CLEANUP should be executed.

In case SAP Solution Manager Focused Build has already been used in SAP Solution Manager Release 7.1 with ST-OST 100, that to some applications data are stored that are not used anymore and therefore obsolete. They can be deleted using report /SALM/CLEANUP.

SAP Solution Manager Focused Build - Requirements-to-Deploy

Application	Provided Deletion Functionality
Requirements-to-Deploy - UI5 Apps	Personalization entries get deleted automatically, in case the related user is deleted. Obsolete and orphan data can be deleted using report /SALM/CLEANUP.
Requirements-to-Deploy - Project Management	Extended project information like the wave relationship will be automatically be deleted when a project is deleted. Orphan information can be deleted and cleaned up using report /SALM/CLEANUP.
Requirements-to-Deploy - Work Packages	Extended work package information will be automatically deleted when the CRM object that represents the work package is deleted. Orphan information can be deleted and cleaned up using report /SALM/CLEANUP.
Requirements-to-Deploy - Solution Readiness Dashboard 1)	Personalization entries get deleted automatically, in case the related user is deleted. Obsolete and orphan data can be deleted using report /SALM/CLEANUP. Configuration settings can be deleted manually from out the Solution Readiness Dashboard if the user has the authorization object /STDF/APP with value ACTVT 06 (delete) assigned. Report /SALM/SRD_CLEANUP_PROJ can be used to delete projects from the SRD that aren't actively used anymore (deleted, marked for archiving). See SAP note 2618879. Report /SALM/DATA_EXTRACTION_DELETE can be used to delete historical data (unused data) from the SRD extractor. The execution is logged in the application log (SLG1) with object /SALM/ and sub-object /SALM/DELETE. See SAP note 2645772. The following destruction objects have been provided to delete Solution Readiness Dashboard data by using SAP Information Lifecycle Management (ILM) capabilities: <ul style="list-style-type: none"> ○ SALM_PROJECT_EXTRACTION_DES: deletes project data (unused data) from the SRD extractor. If the option 'Completed Projects only' is flagged, a check for completed projects will be executed before data deletion: only projects which are completed and assigned to completed releases will be considered for deletion. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/PROJECT, /SALM/PROJECTIT, /SALM/PROJECTTSK, /SALM/ITREQ, /SALM/ITREQR, /SALM/DATE_EXT, /SALM/SOLDOC_EXT, /SALM/CAT_EXT, /SALM/KPI_EXT, /SALM/PARTNERS. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.

Application	Provided Deletion Functionality
	<ul style="list-style-type: none"> o SALM_DASHBOARD_BUFFER_DES: deletes data from the SRD buffer when the option "Delete SRD Cache (SR)" is selected. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/INDX. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.
Requirements-to-Deploy - Release Dashboard 2) 3)	<p>Personalization entries get deleted automatically, in case the related user is deleted.</p> <p>Obsolete and orphan data can be deleted using report /SALM/CLEANUP.</p> <p>Configuration settings can be deleted manually from out the Solution Readiness Dashboard if the user has the authorization object /STDF/APP with value ACTVT 06 (delete) assigned.</p> <p>SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete Release Dashboard cache data. The destruction object SALM_DASHBOARD_BUFFER_DES can be used to delete Release Customizing (CU) and Data cache (IX) when the corresponding options are selected. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/INDX. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.</p>
Requirements-to-Deploy - Release Management	<p>For 7.2 nothing ST-OST specific.</p> <p>If ST-OST Release Management was already used with 7.1 and the system was upgraded to 7.2 the following is relevant:</p> <p>Report /SALM/RM_RELEASE_CLEANUP can be used to delete release for a specific release class. A release can be deleted if no reference to a PPM project exists (PPM project must be deleted/archived) and no release cycle exists (release cycle must be deleted/archived). The execution of the report is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/RM_RUSED. The execution is logged in the application log (SLG1) with object /SALM/ and sub-object /SALM/RM_CALENDAR.</p>
Requirements-to-Deploy - Batch Import	<p>Obsolete and orphan data can be deleted using report /SALM/CLEANUP.</p> <p>SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete Batch Import log data. The destruction object SALM_RBI_RUN_DESTRUCTION can be used to delete the custom log entries, which are stored by every run of the Release Batch Import. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/BI_RUNS_DB, /SALM/BI_RUN_CLI, /SALM/BI_RUN_MSG, /SALM/BI_RUN_PAR, /SALM/BI_RUN_SID, /SALM/BI_RUN_TRS. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.</p>
Requirements-to-Deploy - Test Suite	<p>Personalization information get automatically deleted in case the related system user is deleted. Additionally, the user can remove them manually, like the filter profiles in the Assignment Analysis and Test Plan Generation.</p> <p>To delete all personalization information at once, the user can execute report /SALM/CLEANUP_USER_DATA.</p>
Requirements-to-Deploy - My Test Execution 3)	<p>Personalization entries get deleted automatically, in case the related user is deleted.</p> <p>Obsolete and orphan data can be deleted using report /SALM/CLEANUP.</p>
Requirements-to-Deploy - Test Steps (Design + Execution) 3)	<p>Test Steps test cases can be manually deleted using the Test Step Designer: select an entry in the list on the left and then use the delete button in the right bottom toolbar.</p>

Application	Provided Deletion Functionality
	<p>The execution objects containing test case execution information like runs, evidence, actual result and so on are deleted automatically when the related main object (test plan, test package or tester) are deleted.</p> <p>Orphan execution objects can be deleted and cleaned up using report /SALM/CLEANUP.</p>
Requirements-to-Deploy - Test Suite Dashboard 3)	<p>Personalization information of the saved selections can be deleted manually in the Test Suite Dashboard: Use the settings icon on the top, choose a selection and press the delete button in the dialog.</p> <p>Personalization entries get deleted automatically, in case the related user is deleted.</p> <p>Obsolete and orphan data can be deleted using report /SALM/CLEANUP.</p>
Requirements-to-Deploy - Simplification Item Management - for System Conversion	<p>S/4HANA Readiness Check information will be automatically deleted when the CRM objects that represent the Simplification Items are deleted.</p>
Requirements-to-Deploy – SAP Analytics Cloud Extractor	<p>SAP Analytics Cloud Extractor data can be deleted using report /SALM/SAC_DELETE. The execution of the data deletion is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/DB_SAC and authorization object FB_SAC_DB with activity 06. The data deletion is logged in the application log (SLG1) with object /SALM/ and sub-object /SALM/DELETE_SAC.</p>

- 1) Some of the used tables are as well used by Requirements-to-Deploy - Release Dashboard
- 2) The used tables are as well used by Requirements-to-Deploy - Solution Readiness Dashboard
- 3) The used tables are as well used by the respective Standalone Extension

SAP Solution Manager Focused Build - Standalone Extension

Application	Provided Deletion Functionality
Cross Landscape Distribution	<p>For each distribution, which was executed successfully, the information about source and target transports are stored with reference to the source change document.</p> <p>SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete XLD data. The destruction object SALM_XLD_LOG_DESTRUCTION can be used to delete all logs, where the referenced change document does not exist anymore. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/CM_XLDLOG. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.</p>
Change Request Management Repack	<p>For each executed Repack the information about source and target transports are stored with reference to the target change document.</p> <p>SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete CharM Repack data. The destruction object SALM_REPACK_LOG_DESTRUCTION can be used to delete all logs, where the referenced change document does not exist anymore. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/REPACK_LOG. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.</p>
Change Request Management Reassign	<p>SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete CharM Reassign data. The destruction object SALM_REASSIGN_LOG_DESTRUCTION can be used to</p>

Application	Provided Deletion Functionality
	<p>delete reassign logs which were created on a specific date or in a specific time frame. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/RA_LOG. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.</p>
Retrofit Automation	<p>The following destruction objects have been provided to delete Retrofit Extensions data by using SAP Information Lifecycle Management (ILM) capabilities:</p> <ul style="list-style-type: none"> ○ SALM_CSOL_CHECKRES_DESTRUCTION: deletes CSOL check results which were generated on a specific date or in a specific time frame. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/CSOLCHKRES. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB. ○ SALM_RETRO_KPISNAP_DESTRUCTION: deletes CSOL check results which were generated on a specific date or in a specific time frame. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/R_KPI_SNAP, /SALM/R_KPI_RES. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB. <p>Report /SALM/CSOL_CHECK can be used to delete existing CSOL checks, before the results from the current check run are entered. For this purpose, in the selection screen, in section Output Options 'Clean table /SALM/CSOLCHKRES', must be flagged.</p>
Test System Refresh	<p>SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete Test System Refresh data. The destruction object SALM_RTS_DELTA_DESTRUCTION can be used to delete delta calculation data. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/DELTA_H, /SALM/TRAPP_L, /SALM/DELTA_C. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.</p>
Release Batch Import	<p>Obsolete and orphan data can be deleted using report /SALM/CLEANUP.</p> <p>SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete Batch Import log data. The destruction object SALM_RBI_RUN_DESTRUCTION can be used to delete the custom log entries, which are stored by every run of the Release Batch Import. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/BI_RUNS_DB, /SALM/BI_RUN_CLI, /SALM/BI_RUN_MSG, /SALM/BI_RUN_PAR, /SALM/BI_RUN_SID, /SALM/BI_RUN_TRS. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.</p>
Cutover Checks and Post Cutover activities	<p>The results of Cutover Checks and Post-Cutover activities, executed for a change cycle, are logged with reference to this cycle.</p> <p>The following destruction objects have been provided to delete Cutover data by using SAP Information Lifecycle Management (ILM) capabilities:</p> <ul style="list-style-type: none"> ○ SALM_CUTOVER_CHECK_DESTRUCTION deletes all cutover check logs, where the referenced Change Cycles do not exist anymore. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/CHARMCOCHD, /SALM/CMCOC_TRDR, /SALM/CMCOC_CSOL, /SALM/CMCOC_RTFR. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.

Application	Provided Deletion Functionality
	<ul style="list-style-type: none"> ○ SALM_CUTOVER_ACT_DESTRUCTION deletes all post-cutover check logs, where the referenced Change Cycles and Change Documents do not exist anymore. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/CHARMPCAH and /SALM/CHARMSYNT. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.
Simple IT Request	Created by can be deleted from customizing table /SALM/ITSM_SSRCR using report /SALM/CLEANUP.
My Test Execution 4)	Personalization entries get deleted automatically, in case the related user is deleted. Obsolete and orphan data can be deleted using report /SALM/CLEANUP.
Test Steps (Design + Execution) 4)	<p>Test Steps test cases can be manually deleted using the Test Step Designer: select an entry in the list on the left and then use the delete button in the right bottom toolbar.</p> <p>The execution objects containing test case execution information like runs, evidence, actual result and so on are deleted automatically when the related main object (test plan, test package or tester) are deleted.</p> <p>Orphan execution objects can be deleted and cleaned up using report /SALM/CLEANUP.</p>
Test Suite Dashboard 4)	<p>Personalization entries can be deleted manually in the Test Suite Dashboard.</p> <p>Personalization entries get deleted automatically, in case the related user is deleted.</p> <p>Obsolete and orphan data can be deleted using report /SALM/CLEANUP.</p>
Template Protection	<p>The following destruction objects have been provided to delete Template Protection data by using SAP Information Lifecycle Management (ILM) capabilities:</p> <ul style="list-style-type: none"> ○ SALM_TPP_SG_LCK_DESTRUCTION: deletes Template Protection locks data. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/TPP_SG_LCK, /SALM/TPP_LCKATT. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB. ○ SALM_TPP_SG_CFL_DESTRUCTION: deletes Template Protection conflicts data. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/TPP_SG_CFL. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB. ○ SALM_TPP_SG_TREXC_DESTRUCTION: deletes excluded transport request data in Template Protection. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and table /SALM/TPP_TR_EXC. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.
Change Request Management Dashboard 4)	<p>Personalization entries get deleted automatically, in case the related user is deleted.</p> <p>Obsolete and orphan data can be deleted using report /SALM/CLEANUP.</p> <p>Configuration settings can be deleted manually from out the Solution Readiness Dashboard if the user has the authorization object /STDF/APP with value ACTVT 06 (delete) assigned.</p>
Cross Reference Analysis 5)	SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete Cross Reference Analysis data. The destruction object SALM_CRA_DESTRUCTION can be used to

Application	Provided Deletion Functionality
	delete Cross Reference Analysis results which were created on a specific date or in a specific time frame. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/CRA_RES_H, /SALM/CRA_RES_A, /SALM/CRA_RES_AE and /SALM/CRA_RES_TR. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.
Backout and Remove 5)	SAP Information Lifecycle Management (ILM) capabilities can be utilized to delete Backout log data. The destruction object SALM_BACKOUT_LOG_DESTRUCTION can be used to delete backout logs which were created on a specific date or in a specific time frame. The execution of the data destruction is controlled by authorization object S_TABU_NAM with activity 02 and tables /SALM/BACK_LOG, /SALM/TLCKPC_LOG and /SALM/TLOCKP_LOG. The destruction run is logged in the application log (SLG1) with object ILM and sub-object ILM_DESTRUCTION_DB.

4) The used tables are as well used by the respective Focused Build - Requirements-to-Deploy application.

5) In case FB has been already used in 7.1, it is possible, that for this specific application data is stored that is not used anymore and therefore is obsolete.

7.7 Application Log Information per Function

In case specific SAP Solution Manager Focused Build application log files are written, this is done to objects /SALM/* and sub-objects /SALM/*. They can be accessed by using transaction SLG1 which requires authorization object S_APPL_LOG.

For Focused Build especially the following objects/sub-objects are used:

SAP Solution Manager Focused Build - Requirements-to-Deploy

Application	Object	Sub-Object	Comment
Requirements-to-Deploy - UI5 Apps	/SALM/CRM_FIORI_APPS	/SALM/REQ	Errors from the calls to function module CRM_ORDER_READ when GUIDs from Process Management are provided.
Requirements-to-Deploy - Batch Import	/SALM/	/SALM/BATCH_DEPLOY	Overview of a Release Batch import run.

SAP Solution Manager Focused Build - Standalone Extension

Application	Object	Sub-Object	Comment
Cross Landscape Distribution	/SALM/CHARM_ENH	/SALM/CM_AUTOXLD	Information regarding the executed Automated Cross Landscape Distribution like all used transports and errors occurred during the execution.
Change Request	/SALM/	/SALM/REASSIGN	Messages get logged.

Application	Object	Sub-Object	Comment
Management Reassign			
Release Batch Import	/SALM/	/SALM/BATCH_DEPLOY	Overview of a Release Batch import run.

The reporting on individual data subjects via report /SALM/PD_INFO_FB is logged in the application log (SLG1) with object /SALM/ and sub-object /SALM/PD_INFO.

The deletion of obsolete and orphan data using report /SALM/CLEANUP, the deletion of the personalization data of the own user using report /SALM/CLEANUP_USER_DATA, as well as the execution of most of the deletion and cleanup reports mentioned in chapter 7.6, are logged in the application log (SLG1) with object /SALM/ and sub-object /SALM/DELETE or object ILM and sub-object ILM_DESTRUCTION_DB.

www.sap.com/contactsap

© 2021 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.

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 <http://www.sap.com/corporate-en/legal/copyright/index.epx#trademark> for additional trademark information and notices.

