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In SAP Solution Manager 7.2, the Solution Documentation scenario has been rebuilt completely. To be able to work with existing content in the new environment, this content needs to be transferred. This process is called “content activation”.

This document describes the content activation procedure and provides tips and best practices.
Content Activation phases

Prepare
- Select activation content
- Design to-be landscape layout

Upgrade
- Upgrade to SAP Solution Manager 7.2

Activate
- Execute content activation
- Activate related applications
Content Activation options

Recommended Procedure

Preparation → Upgrade → Activation

Time after upgrade*

Alternative Procedure

Upgrade → Preparation → Activation

Time after upgrade*

* Time between availability after technical upgrade and end of activation activities
Content Activation? When?

Content activation is needed when the following scenarios are used productively in SAP Solution Manager 7.1:

- Solution documentation
- Change Request Management or QGM
- IT Portfolio and Project Management
- Automated testing
- Business Process Monitoring

Content activation can be skipped when following capabilities were used:

- Early Watch Alert
- Service delivery
- Application Operations
Content activation: Detailed order of activities

**Preparation**
1. Install SAP notes 2101063, 2161244, 2324520, and 2403108
2. Run preparation report and evaluate the results
3. Run PREPARE_ACTIVATION

**Upgrade**
1. Use SL Toolset to upgrade to SAP Solution Manager 7.2

**Activation**
1. Implement SAP note 2397667
2. Perform mandatory configuration in SOLMAN_SETUP
3. Perform ITPPM configuration
4. Execute guided procedure for content activation
5. Perform ChaRM configuration*
6. Perform QGM configuration*

* (if ChaRM and/or QGM is in use)

Before implementing the relevant SAP notes, please read the important hints on SAP notes for content activation.
Overview: What goes where?

- SOLAR01
  Business Blueprint & Configuration
- SOLAR02
- SOLAR_PROJECT _ADMIN
  Project Administration
- RMMAIN
  Roadmaps
- SOLAR_EVAL
  Reporting on Projects and Solutions
- Solution Documentation
- IT PPM
- Dashboards & Reporting
New concepts in SAP Solution Manager 7.2

Introduction and explanation of new terms in SAP Solution Manager 7.2
Today, customers are challenged with synchronizing business models and processes with IT solution documentation across build and run.

SAP Solution Manager solution documentation

- Web-based documentation experience
- Integrated BPMN process editor
- Multi-level hierarchies (more than three)
- Processes assembled from re-use libraries
- Processes are validated and optimized continuously based on real usage

Integrated process experience

- Requirements Management
- IT Project and Portfolio Management integration
- Change and Request Management integration
- Test Management integration
- Business Process Monitoring integration
One Process Landscape for Business and IT
The new “solution”

Process Content
The solution is the sum of a company’s systems, applications and processes. It acts as a container for versions of solution documentation, one of which is the production version.

Project
IT project management with a full project management suite – integrated into SAP Solution Manager processes.

Well-defined transition of entities.
SAP Solution Manager Integration Model
Best-Practice Approach for Branch Setup

Production branch
- Production branch represents the productive solution

Operations branch
- Operations branch to apply monitoring instrumentation

Maintenance branch
- Maintenance branch to change the productive solution

Innovation branches
- Import branch to import new best-practice processes
- Design branch to design customer target operating model
- Development branch to build the actual operating model
One Process Landscape for Business and IT
Re-use with Libraries

Re-use avoids redundant documentation.

Processes

Process Step Library

Executable Library

Development Library

Configuration Library

Interface Library
Preparation

- Preparation
- Upgrade
- Activation
### Overview

<table>
<thead>
<tr>
<th>GOALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>The first goal is to obtain a scope of projects and solutions which will be activated. The second goal is the design of the to-be logical component groups based on the selected scope and the existing logical components.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overview report for projects and solutions</td>
</tr>
<tr>
<td>Guided Procedure in Transaction PREPARE_ACTIVATION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KNOWLEDGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make yourself familiar with the new solution design and the new logical component groups concept in SAP Solution Manager 7.2. You can find more information in the Content Activation Guide.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Install SAP note 2161244 to execute the overview report on projects and solutions.</td>
</tr>
<tr>
<td>Install SAP Notes 2101063, 2324520 and 2403108 on your SAP Solution Manager 7.1 system. Afterwards, you can run transaction PREPARE_ACTIVATION.</td>
</tr>
</tbody>
</table>
The cross-project / solutions report provides a comprehensive overview to evaluate existing projects.

The report shows a list of projects and solutions with additional information:

- Is process documentation included?
- Are links to other applications included (ChaRM – open task lists; ITPPM Project, QGM, BP Monitoring)?
- Number of assigned roadmaps (for projects)
- Number of structure elements
- Number of assignments on the tabs
- Last change date of a structure element
- Last change date of a document

How can I define the perfect scope for the content activation?

Download the overview report from SAP note 2161244.
Example of report output

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
| Project Solution | Creation Use | Creation Date | Last Change U | Last Change | Project Ref | Project Re Status | Change Date | Change User | Structure Type | Structure Name | Change Date | Change Use Document | Document Name | Responsible |
| C_USER 1 | 25.08.2015 | LC_USER 1 | 03.08.2015 | RESP 1 | 03.08.2015 | CH_USER 1 | Business Scenario | Order to Cash | RESP 1 |
| C_USER 2 | 26.08.2015 | LC_USER 2 | 15.08.2015 | RESP 2 | 26.08.2015 | CH_USER 2 | Process Step | Create Invoice | RESP 2 |
| C_USER 3 | 01.09.2015 | LC_USER 3 | 01.09.2015 | RESP 3 | 27.12.2013 | CH_USER 3 | Master Record | st | RESP 3 |
| C_USER 4 | 18.09.2015 | LC_USER 4 | 27.11.2014 | RESP 4 | 27.08.2014 | CH_USER 4 | Business Scenario | Materials Movement | RESP 4 |
| C_USER 5 | 18.09.2015 | LC_USER 5 | 27.11.2014 | RESP 5 | 05.09.2014 | CH_USER 5 | Process Step | Fulfillment processing | RESP 5 |
| C_USER 6 | 21.09.2015 | LC_USER 6 | 25.08.2015 | RESP 6 | 26.01.2013 | CH_USER 6 | Process Step | Check Stock Level | RESP 6 |
| LOC_IMP 1 | 03.05.2011 | LC_USER 7 | 10.11.2015 | RESP 7 | Open | CH_USER 7 | Configuration Struct | Configuration | RESP 7 |
| SALES_EMEA | 07.03.2016 | LC_USER 9 | 07.03.2016 | RESP 9 | Open | CH_USER 9 | Configuration Struct | Configuration | RESP 9 |
| MASTER | 07.03.2016 | LC_USER 10 | 07.03.2016 | RESP 10 | Open | CH_USER 10 | Process Step | Print Invoice | RESP 10 |

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<td>Structure Elements</td>
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<td>QCM</td>
<td>Roadmap</td>
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Landscape Scenarios: Overview

In SAP Solution Manager 7.2, the Logical Component concept has been completely overhauled.

The following Best Practices show how the new Logical Component Groups should be modeled, depending on the general setup of your system landscape.

Please see the Content Activation Guide for the description of further landscape scenarios.
“A **logical component** refers to the concrete technical systems of a system track typically belonging to the same transport landscape and having the same product version. The technical systems assigned to logical components are classified according to their system role e.g. development system, quality assurance system.”
SAP Solution Manager Landscape Design
Best-Practice Approach Logical Component Group (Dual Track/n+1)

Production Systems
- System: PP1-100
  Role: Production
  Version: S/4HANA FPS01
- System: OM1-100
  Role: Quality Assurance
  Version: S/4HANA FPS01
- System: DM1-100
  Role: Development
  Version: S/4HANA FPS01

Maintenance Systems
- Logical Component Group ERP
- Logical Component Production
- Logical Component Maintenance
- Logical Component Development
- Logical Component Design

Development Systems
- System: DD1-100
  Role: Quality Assurance
  Version: S/4HANA FPS02
- System: QD1-100
  Role: Development
  Version: S/4HANA FPS02

Sandbox Systems
- System: SBX-100
  Role: Sandbox
  Version: S/4HANA FPS02
SAP Solution Manager Integration Model
Best-Practice Approach for Branch Setup of Solution Documentation

Production

PRD

Maintenance

DEV & QAS

Fix & Enhance

Development

DEV & QAS

Innovate

Design

Sandbox

Import

Sandbox

System: PP1-100
Role: Production
Version: S/4HANA FPS01

System: DM1-100
Role: Development
Version: S/4HANA FPS01

System: QM1-100
Role: Quality Assurance
Version: S/4HANA FPS01

System: DD1-100
Role: Development
Version: S/4HANA FPS02

System: QD1-100
Role: Quality Assurance
Version: S/4HANA FPS02

System: PP1
Role: Production
Version: S/4HANA FPS02

System: SBX-100
Role: Sandbox
Version: S/4HANA FPS02

= Change Request Management controlled

As-is solution

Cut-over

To-be solution

System: DM1
Role: Development
Version: S/4HANA FPS01

System: QD1
Role: Quality Assurance
Version: S/4HANA FPS01

System: PP1
Role: Production
Version: S/4HANA FPS01

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Upgrade

Preparation → Upgrade → Activation
### Overview

<table>
<thead>
<tr>
<th>GOALS</th>
<th>TOOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>The goal of the upgrade is to bring your SAP Solution Manager system to the new release 7.2.</td>
<td>SL Toolset</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KNOWLEDGE</th>
<th>ACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>The upgrade is a standard SAP software upgrade using Software Update Manager (SUM).</td>
<td>Follow the instructions in the SAP Solution Manager upgrade guide.</td>
</tr>
</tbody>
</table>
Important to Know & Your Next Steps

The upgrade from SAP Solution Manager 7.1 to 7.2 is standard

Relevant for all customers:

- No CRM issues this time: SAP Solution Manager 7.2 does not contain a new SAP CRM release. As we only move to a new enhancement package, the impact of the 7.2 upgrade is significantly lower than in the 7.1 upgrade.

- If you already adopted the Monitoring & Alerting infrastructure, then you are fine. Note that business process monitoring based on the Monitoring and Alerting Infrastructure (MAI) is mandatory in 7.2.

- The split of ABAP and JAVA stacks, and the upgrade to SAP NetWeaver 7.40 are performed automatically in a standard upgrade procedure.

- Activation of Solution Documentation can be prepared well in advance of the upgrade.

This is the current state of planning and may be changed by SAP at any time.

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Activation

Preparation → Upgrade → Activation
### GOALS

During this procedure, the content will be activated, i.e. moved into the new solution documentation environment. Additionally, content of related applications will be activated as well.

### KNOWLEDGE

Knowledge of how to use SOLMAN_SETUP is required.

### ACTIONS

Implement SAP note 2397667. Execute transaction SOLMAN_SETUP. After going through the mandatory configuration, launch the content activation guided procedure from the menu.

### TOOLS

Content Activation Procedure in SOLMAN_SETUP.
SAP Cloud Appliance Library

Test drive content activation in the CAL
Experience SAP Solution Manager 7.2 on Cloud with SAP CAL

Test-drive for a nominal fee in your own private cloud with personalization

SAP Solution Manager 7.2 solutions are now available in the SAP Cloud Appliance Library (CAL).

SAP provides the powerful appliance without SAP CAL charges. Customers and partners only need an Amazon Web Services (AWS) account to test drive the SAP Solution Manager cloud appliance for as a free trial.*

*Cloud provider infrastructure fees apply.
Getting your own 7.1 project and landscape data to the SAP CAL 7.2 system

Procedure:

1. Landscape information in SAP Solution Manager 7.1's solution documentation is stored in SMSY and the Landscape Management Database (LMDB).
2. Export the landscape data to a .ZIP file.
3. Create a transport of the SAP Solution Manager 7.1 project with documentation to be transferred and additional landscape data.
4. Upload the documentation transport and .ZIP file to the SAP CAL 7.2 system via the free WinSCP tool.
5. Import the contents of the .ZIP file into the SLD of the 7.2 system.
6. The SLD automatically will sync with the Landscape Management Database (LMDB).
7. Import the 7.1 solution documentation transport into the 7.2 system, afterwards the solution documentation is visible in read-only format.
8. Perform the content activation procedures.
Knowledge Resources
SAP Solution Manager WIKIs

Content Activation Wiki

Test Suite Wiki

Business Process Monitoring Wiki

Change Request Management (Prep&Upgrade) Wiki
Content Activation Guide

To prepare your Content Activation, it is strongly recommended to carefully read the Content Activation guide.

This guide also contains Best Practices descriptions for Content Activation scenarios.

You can download the latest version of the guide here.
Important information for the upgrade to SAP Solution Manager 7.2

Please carefully evaluate SAP Note 2227300 when preparing the upgrade to SAP Solution Manager 7.2.

This note provides comprehensive information on the upgrade in addition to the SAP Solution Manager Master Guide.
SAP Education offers a two-day classroom training on Content Activation.

This training explains the new concepts for Process Management and the general differences in the Solution Documentation between SAP Solution Manager 7.1 und 7.2. The main focus of the training is the preparation and practical exercise of Content Activation. Experience yourself how to prepare the Content Activation with SAP Solution Manager 7.1 and what to take care of while you perform the activation.

You can find all currently scheduled training dates and more information at the SAP Training website.
Preparation Procedure
Step-by-step walkthrough

Preparation  Upgrade  Activation
After calling transaction PREPARE_ACTIVATION, the entry screen describes the details of the following guided procedure.
Step 1: Scope of Content Activation

In the first step, you need to select the projects and solutions which you want to take over into the new solution documentation environment.

Additionally, you need to choose if you want to take over additional content for related applications (ChaRM, QGM, ITPPM etc.).
Step 1: Consistency check

Before going to the next step there is a consistency check. You will be informed about potential issues or problems which should be solved during the preparation phase. This will reduce risks in the activation phase later on.
Step 2: System Landscape for 7.2

Step 2 provides a proposal for the newly created logical component groups. This is based on the logical components from the selection of projects and solutions from step 1, and based on data from your system landscape.

In this step, you should rename the groups to a more meaningful name. You also assign for which solution the logical component group is assigned.

You can also move logical components between groups.
Step 3: Target branches and remote sources

In step 3, you need to decide, for every scoped project and solution, to which branch the content of the respective project should be moved.

You also need to make that decision for other elements like Test Cases and Technical Objects.
Step 3: Consistency Check

Before step 4, there is another consistency check to help you identifying potential risks for the activation.
Step 4: Summary

Step 4 shows a summary of your activities.

Until you push the button “Close Preparation” in this step, you move back and forth between the steps to change your settings.

After closing the preparation, no changes are possible anymore.
Content Activation Procedure

Step-by-step-walkthrough

Preparation → Upgrade → Activation
Enter SOLMAN_SETUP

After calling transaction SOLMAN_SETUP, you can enter the guided procedure for content activation by using the link “Solution Documentation Content Activation”.

The guided procedure will open in a new browser window.
In step 1, you verify that the prerequisites for the content activation procedure are met.
Step 2: Activate content

In step 2, the content activation activities are executed automatically.
Step 3: Close activation

In step 3, you finish the content activation procedure. Afterwards, you are ready to work with your content that has been transferred to the new solution documentation environment in SAP Solution Manager 7.2.

**Important remark:** This action can not be reverted, and you cannot change anything in the guided procedure after closing it.
## Solution Documentation Objects which are not activated

<table>
<thead>
<tr>
<th>Object</th>
<th>Description</th>
<th>Impact</th>
<th>Workaroud</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Messages</td>
<td>Assignment of Service Messages on Service Messages tab</td>
<td><strong>LOW</strong>: Service Messages still available in ITSM, only the connection to process documentation does not exist anymore</td>
<td>none</td>
</tr>
<tr>
<td>Project header data</td>
<td>Project management specific content in solar projects will not be activated: project member assignment, status from admin tab</td>
<td><strong>LOW</strong>: Comprehensive Project Management can be done in IT PPM in the future</td>
<td>Use IT PPM for Project Management</td>
</tr>
<tr>
<td>Information from “Administration” tab</td>
<td>Information from “Administration” tab (plan data, actual data, responsibilities) will not be activated; status and keywords can be activated</td>
<td><strong>LOW</strong>: status and keywords can be activated, administrative data can be handled in IT PPM</td>
<td>Activate status and/or keywords (if needed), use IT PPM for Project Management</td>
</tr>
<tr>
<td>SAP Business Process Blueprinting (BPB) Diagrams</td>
<td>Diagrams created with SAP BPB will not be activated.</td>
<td><strong>MEDIUM</strong>: Diagrams need to be recreated after the upgrade to SAP Solution Manager 7.2.</td>
<td>none</td>
</tr>
</tbody>
</table>
No need to activate?
If you do not have any Solution Documentation in your existing SAP Solution Manager system or if you do not want to take over any content, you do not have to go through the activation process. You can opt out in the first step of the preparation guided procedure.
SAP recommends that customers prepare content activation carefully

Content activation
- is an integral part of the overall upgrade
- is relevant for all customers who have already created solution documentation
- can only be done once

During the content activation process, customers must select all content that they want to use in SAP Solution Manager 7.2. All other content remains in display mode only. No content is lost during the upgrade!

It is important that customers make the right selection because
- selecting too much results in costly post activation clean up activities
- selecting too little requires a costly re-documentation

SAP delivers tools and best practices to support the right selection for content activation.