

# Decommissioning Guided Procedure





# Introduction – General rules

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- ▶ If a system is **removed temporary** from the SAP Solution Manager:

in this case we recommend only to deactivate the Monitoring and disable the Extractors. The RFC destinations can be reused when activating the system again, and the Landscape Model can be reused as well. Both do not cause significant load if kept as long as the system is deactivated.

- ▶ If a system is **removed permanently** from the SAP Solution Manager:

in this case execute all decommissioning steps in the application where the system is configured in the right sequence order.

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- ▶ We used the Guided procedure Framework with the GP Authoring Environment.
- ▶ This framework manages the creation / edition of the GP flow. Can handle versions, Transport requests, Execution logs, Reports generation etc...

The screenshot displays the SAP Guided Procedure Framework interface. At the top, the title is "Guided Procedure". Below it, the scope is "SD7~ABAP" and "Expert Mode" is visible. The "GPA Context" section shows "Type: Guided Procedure" and "Application Area: <All>". The "Help" section includes a "Show Search Attributes" button (no filter set) and "2 Record(s) Found". The main table is titled "Guided Procedure list of all Application Areas". It has a view selector set to "[Standard View]" and several action buttons: "Execute", "Create", "Edit", "Delete", "Display", "Display Execution Logs", and "Export to XML". The table columns are: Name, Last Changed by, Last Changed On, Version, Active, Customer Relevant, and Request/Task. A red circle highlights the "Version" and "Active" columns for the first two rows. The first row shows "Decommissioning\*" with version 6 and an active status of "<All>". The second row shows "Decommissioning" with version 5 and an active status of a green square.

Name	Last Changed by	Last Changed On	Version	Active	Customer Relevant	Request/Task
Decommissioning*	seiler*		6	<All>	<All>	
Decommissioning	SEILER	22. January 2014 - 17:21:40	5	■		

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- ▶ In SP11 the decommissioning can be started from the Technical Administration Workcenter:

Guided Procedure Management -> Selection -> choose system -> Guided Procedure Browser button -> Start Embedded -> Start All Guided Procedures -> Decommissioning

The screenshot displays the SAP Solution Manager Administration interface, specifically the Technical Administration Workcenter. The main window is titled "Guided Procedure Browser - FXR-JAVA". The left sidebar contains a navigation menu with options like Overview, IT Calendar, Task Management, Guided Procedure Management, Work Mode Management, Notification Management, Service Availability Management, and Central Tool Access. The main content area shows the "Guided Procedures" section for the scope "FXR-JAVA" and application area "Technical Operations". It lists active queries, including "Without Category Assignment" and "All Guided Procedures (5)". Below this, there are filter criteria for Use Case, Category, Managed Object Type (set to T\_SYSTEM), Software Component (01200615320100003818), and Software Component Version (01200615320200009088). A table at the bottom lists guided procedures, with "Decommissioning" highlighted in yellow.

Name	Created on	Created by
System Check for Java System	06.12.2013	SAP
Decommissioning	03.12.2013	SAP

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- ▶ In SP12 the decommissioning can be started from Managed System Configuration
- ▶ The technical system needs to be selected, and it will be used (including DBMS) in the scope of the decommissioning.

**SAP Solution Manager: SAP Solution Manager: Configuration**

Help

In this step, you configure **technical systems**, **technical scenarios** (ABAP-Java Dual-Stack, SharePoint), standalone **databases**, and standalone **hosts**. To manage the systems in SAP Solution Manager, you must complete the system information.

**Prerequisites**

- An automatic data supplier is active for each system, and sends data to the System Landscape Directory (SLD). (If the data supplier has been triggered recently, it can take up to 15 minutes until SAP Solution Manager displays the technical system.)
- The connection between SLD and Landscape Management Database (LMDb) is working. (See *SAP Solution Manager: Configuration -> System Preparation -> Prepare Landscape Description*.)
- If a system is missing because no automatic data supplier can be used, you have created it manually in transaction LMDb. **Only create technical systems manually if no automatic data supplier can be used.**
- The Technical Scenarios are created automatically. You can maintain Technical Scenarios in the Solution Manager Administration work center.

**Technical Systems ( 608 )** | Technical Scenarios | Databases | Hosts

View: [Standard View] | Export | Configure System | System Operations | **Advanced Options** | Show Details | Configure System for SAP Service Delivery | Configure System.Dev Version

Extended System ID	System Type	Display Name	MSC Mode
A01	Application Server ABAP	A01 on wdfbmd13915	Full
<b>A12</b>	<b>Application Server ABAP</b>	<b>A12 on wdfbmd0401</b>	<b>Full</b>
A1L	Application Server Java	A1L on pwndf3050	Full
A24	Application Server ABAP	A24 on wdfbmd7330	Full

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The screenshot shows the SAP Solution Manager interface for the 'Decommissioning' guided procedure. At the top, it displays 'Technical System SD7-ABAP' and 'User Name SEILER'. Below this is a progress bar with seven steps: 1. Overview (highlighted in yellow), 2. Application Clean Up, 3. Cross Application Clean Up, 4. Planning Projects and Solutions Cl..., 5. Software Live Cycle Manageme..., 6. Landscape Management Cle..., and 7. Complete Step. Below the progress bar are buttons for 'Read Only', 'Previous', 'Next', 'Save', and 'Reset'. A 'Help' section follows, containing the text: 'In this guided procedure, you decommission a system from the Solution Manager.' A warning message states: 'Warning: Executing decommissioning activities results in loss of data. Read the documentation for the Confirm Agreement activity carefully. Confirm that you have read the conditions of use and agree by marking this activity as Performed.' A link is provided for more information: 'For more information, see the overview in "The Idea behind the System Decommissioning Guided Procedure" at [SAP Solution Manager Setup Wiki](#).'

## ► In SP12 there are 7 Steps with 23 activities: 18 Manual + 5 Automatic.

1. Overview
2. Application Cleanup
3. Cross Application Cleanup
4. Planning Projects and Solutions Cleanup
5. Software Lifecycle Management Cleanup
6. Landscape Management Cleanup
7. Complete Step

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## ▶ **Step 1 - Overview: Customer needs to agree the conditions of use.**

**If the system is included in one of the following applications, contact (internally, externally, or via your TQM) the respective expert before you continue:**

- Business Operations (BusOp)
- Application Lifecycle Management (ALM)

**In the *Complete* step, download the complete help texts in HTML format.**

**Background: You cannot perform this guided procedure again after the technical system was removed from the LMDB.**

**To avoid unexpected loss of data, confirm to apply the following conditions of use:**

- Consider carefully which activities you want to execute.
- Perform the steps depending on how deep you want to clean up the system to be decommissioned. Not all steps are mandatory.
- Execute the steps in the sequence of this guided procedure.
- Read carefully the help texts associated to each step or activity.

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## ▶ Step 2 - Application Clean Up (1/3):

- Goal is to remove the decommissioned system from monitoring application operation scenarios, to avoid false monitoring results, avoid wrong alerts, stop loading misleading data into the database

### Activities:

- Clean System Monitoring (Auto)
- Clean IC and PO Monitoring Scenarios
- Clean Job and BI Monitoring Scenarios
- Clean End-User Experience Scenarios



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## ▶ Step 2 - Application Clean Up (2/3):

- Goal is to delete on going sessions and to avoid generation of empty reports for example Early Watch alert, Data Volume Management, Service Level Reporting.

### Activities:

- Clean Sessions and Reports (Auto)
- Stop Early Watch Alert Reports

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## ▶ Step 2 - Application Clean Up (3/3):

- Goal is to:
  - avoid orphaned entries and errors during workmode switch operations.
  - avoid orphan data entries and errors in processing of agreed service times, clean Service Availability Management data.
  - clean task management by removing scheduled tasks.

### Activities:

- Clean Work Mode Management
- Clean Service Availability Management
- Clean IT Task Management

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## ▶ Step 3 - Cross Application Clean Up:

- Goal is to remove entries from cross applications layer as general housekeeping

### Activities:

- Delete EFWK Extractors: remove extractors (RCA, EEM, MAI, DBMS, etc...)
- Clean DBACockpit Configuration: remove database connection.
- Clean RFC Connections: clean up RFC connections and users.
- Clean Transport Routes: remove system from transport path.
- Remove Bytecode Adapter: stop data collection from ISEM, deactivate BCA.
- Remove SMDAgent: stop data collection, remove SMD agent.
- Clean Agent Roles.

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## ▶ **Step 4 – Planning Projects and Solution Clean Up:**

- Goal is to clean Logical components and Solution

### Activities:

- Clean Projects and Solutions
- Clean Logical Components

## ▶ **Step 5 – Software Live Cycle Management Clean Up:**

- Goal is to clean Product systems and system data from SMP.

### Activities:

- Clean Product Systems
- Clean System Data from SMP



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## ▶ **Step 6 – Landscape Management Clean Up:**

- Goal is to remove the decommissioned system from the technical scenarios, from LMDB and from SLD.

### Activities:

- System from Technical Scenario
- Remove System from LMDB
- Remove System from SLD

## ▶ **Step 7 – Complete Step: Print / save the HTML report.**