



**PUBLIC**

SAP Service and Asset Manager

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# Upgrading SAP Service and Asset Manager

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# 1 Document History

Before you begin reading this guide, be sure that you have the latest version. Find the latest version at [https://help.sap.com/viewer/p/SAP\\_ASSET\\_MANAGER](https://help.sap.com/viewer/p/SAP_ASSET_MANAGER).

The following table provides an overview of the most important document changes.

Document Version	Date	Description of Changes
1.0	OCT 2021	Original release of the <i>Upgrading SAP Asset Manager</i> guide, version 2110

## 2 SAP Service and Asset Manager to Back End Compatibility and Relevant Release Notes

Mobile App Release	Minimum Required SAP S/4HANA Back End	Minimum Required SAP S/4HANA 1610+ Add-On Component	Minimum Required SAP ERP 6.0 EHP7 SP14+ Add-On Component
2010	1909	SP08	SP07
		S4MFND 100 SP08	SMFND 630_740 SP07
		S4MERP 100 SP08	SMERP 630_740 SP07
		S4MISU 100 SP06	SMISU 630_740 SP07
2005	1909	SP07	SP06
		S4MFND 100 SP07	SMFND 630_740 SP06
		S4MERP 100 SP07	SMERP 630_740 SP06
		S4MISU 100 SP05	SMISU 630_740 SP06
1911	1909	SP06	SP05
		S4MFND 100 SP06	SMFND 630_740 SP05
		S4MERP 100 SP06	SMERP 630_740 SP05
		S4MISU 100 SP04	SMISU 630_740 SP05
4.0	1909	SP04	SP03
		S4MFND 100 SP04	SMFND 630_740 SP03
		S4MERP 100 SP04	SMERP 630_740 SP03
		S4MISU 100 SP02	SMISU 630_740 SP03

### Release Notes

Use [2924633](#): SAP Asset Manager - Upgrade Procedure to determine capability.

## 2.1 SAP S/4HANA and SAP Service and Asset Manager App Compatibility

	2019				2020			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
S/4 HANA 1909		SAM 40						
S/4 HANA 1909 FPS01				SAM 1911				
S/4 HANA 1909 FPS02					SAM 2005			
S/4 HANA 1909 SPS03								SAM 2010
S/4 HANA 1909 SPS04								
S/4 HANA 1909 SPS05								
S/4 HANA 1909 SPS06								
S/4 HANA 1909 SPS07								
<b>S/4 HANA 2020</b>								SAM 2010

\*SAM stands for SAP Service and Asset Manager

## 2.2 SAP ERP and SAP Service and Asset Manager App Compatibility

The SAP Mobile Add-On for SAP ERP 6.3 provides integration services for various mobile applications in SAP ERP systems.

For detailed information, see [2495578](#): Release Information Note - Mobile Add-On for SAP S/4HANA and Support Packages

Mobile Add-On Release	Release Date	Release 2010	Release 2005	Release 1911	Release 4.0
SP07 (SMFND 630_740 SP07, SMERP 630_740 SP07, SMISU 630_740 SP07)	OCT 2020	Yes	Yes	Yes	Yes
SP06 (SMFND 630_740 SP06, SMERP 630_740 SP06, SMISU 630_740 SP06)	MAY 2020	No	Yes	Yes	Yes
SP05	NOV 2019	No	No	Yes	Yes

<b>Mobile Add-On Release</b>	<b>Release Date</b>	<b>Release 2010</b>	<b>Release 2005</b>	<b>Release 1911</b>	<b>Release 4.0</b>
(SMFND 630_740 SP05, SMERP 630_740 SP05, SMISU 630_740 SP05)					
SP03	JUN 2019	No	No	No	Yes
(SMFND 630_740 SP03, SMERP 630_740 SP03, SMISU 630_740 SP03)					

# 3 SAP Service and Asset Manager High Level Upgrade Process


Use the following high-level process table for information on the process steps to take when upgrading the SAP Service and Asset Manager application.

Step	High Level Procedure
1	<p>Know which back end version and which SAP Service and Asset Manager version you are upgrading to and determine their compatibility. See the following topics for more details:</p> <ul style="list-style-type: none"><li>• <a href="#">SAP S/4HANA and SAP Service and Asset Manager App Compatibility [page 5]</a></li><li>• <a href="#">SAP ERP and SAP Service and Asset Manager App Compatibility [page 5]</a></li></ul> <div data-bbox="427 860 1394 1010"><p><b>i Note</b></p><p>If you are upgrading on an SAP S/4HANA Mobile Application Integration Framework, locate and implement the FPS upgrade.</p></div>
2	<p>Collect and read the SAP release notes that are necessary for your upgrade. See <a href="#">SAP Service and Asset Manager to Back End Compatibility and Relevant Release Notes [page 4]</a>.</p>
3	<p>Implement the release notes and associated patches when needed during the upgrade procedure. See <a href="#">Applying SAP Notes and Patches [page 8]</a></p>
4	<p>Activate the BC set for your upgraded version of SAP Service and Asset Manager</p>
4a	<p>If you are performing a full upgrade, ensure that you upgrade MFND, ISU, etc.</p>
5	<p>Access the ConfigPanel. Replicate any customizations you have made to the app to your new version of SAP Service and Asset Manager. Your upgraded app does not contain any of your customizations.</p> <div data-bbox="427 1391 1394 1509"><p><b>i Note</b></p><p>If you have not kept a record of customizations, use the <a href="#">Compare</a> program.</p></div>
6	<p>Activate the oData service. See the <a href="#">Updating Offline Settings for SAP Asset Manager</a> procedure.</p>
7	<p>Create the new version of the SAP Service and Asset Manager application on the SAP Business Technology Platform. See <a href="#">Creating a New SAP Service and Asset Manager App on the SAP Business Technology Platform [page 8]</a>.</p>
8	<p>Phase in the new app. See the <a href="#">Building the SAP Asset Manager Application Client</a> procedure for details.</p>
9	<p>Update the metadata. See <a href="#">Deploying Metadata Definitions to Mobile Services</a>.</p>

## 3.1 Applying SAP Notes and Patches

### Context

### Procedure

1. Use the *SNOTE* transaction in the SAP GUI on your back end system.
2. Read the note carefully. Check for validity, preimplementation steps, post-implementation steps, and prerequisites.
3. Download or upload the desired note by performing the procedure found in [How to Download/Upload SAP Note in SNOTE](#) .
4. If necessary, perform any preimplementation steps.
5. If necessary, perform any prerequisite steps.
6. Implement the note. Then, navigate to **▶ Goto ▶ SAP Note Browser ▶**.
7. Make sure that the implementation status of the note is *Can be Implemented* or *Obsolete version Implemented*.
8. Select the note, and press *F8* to proceed with implementation. SNOTE also allows you to implement a set of notes together.
9. Select the request from the pop-up window, or create a new request. SNOTE lists out objects.
10. Press *Ctrl+F5* to see the final status and log of note implementation.

### Next Steps

If post-implementation steps are required, perform the steps.

## 3.2 Creating a New SAP Service and Asset Manager App on the SAP Business Technology Platform

Depending on how you installed the SAP Service and Asset Manager on the SAP Business Technology Platform initially, your upgrade will proceed in one of the following methods:

- If you installed the app on the SAP Business Technology Platform using a version number, install the new app version with a new version number.

- If you installed the app without a version number, because you don't plan on keeping the old app:
  1. Open the SAP BTP services Cockpit and navigate to the SAP Service and Asset Manager app.
  2. Update the connectivity feature so that the destination points to the oData service.

### **i** Note

If you've created a custom name that's version-dependent, update the destination name in your metadata. This way the destination name matches the destination you're connecting to in SAP BTP servicesSAP BTP services.

Once you've determined the correct method you need to install the app, follow the appropriate procedure:

- [Creating an Application in SAP Cloud Platform Mobile Services - Neo](#)
- [Creating an Application in SAP Cloud Platform Mobile Services - Cloud Foundry](#)

# 4 Migrating SAP Service and Asset Manager 2105 or Earlier Metadata to Mobile Development Kit 6.x

## Context

SAP Service and Asset Manager metadata versions 2105 or earlier aren't compatible with Mobile Development Kit 6.x. Mobile Development Kit 6.0 uses a newer version of NativeScript (8.0).

For detailed information, see the [Metadata / Client Project Migration](#) topic, found in the *SAP Mobile Services Documentation*.

Use the following procedure to migrate older metadata so that it's compatible with Mobile Development Kit 6.x.

## Procedure



1. Import the SAP Service and Asset Manager metadata folder into Business Application Studio.
2. Right-click *Application.app* and select *MDK:Migrate*.
3. Open the *MDK* perspective.
4. Hover over the project folder in the left panel and click on the checkmark icon.  
All pending changes are accepted.
5. Download the attached ZIP file and unzip it on your file system.
6. Return to Business Application Studio, and navigate back to the project view. Replace the *Extensions* folder in the metadata with the unzipped folder on your file system.
7. Deploy the app again by right-clicking *Application.app* and selecting *MDK:Deploy*.

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