

Learning Series: SAP NetWeaver Process Orchestration, secure connectivity add-on

1b) How to Install Guide

April, 2012

- Download Location at SMP
- Files available for download
- Deploying files via JSPM
- Importing Adapter Metadata into ESR
- Post Installation Steps

Download location at Service Market Place

You can download the B2B add-on at the following location:

<http://service.sap.com/swdc> -> Installation and Upgrades -> Browse our Download Catalog - > [SAP NetWeaver and complementary products](#) -> PI SFTP PGP ADDON

You can refer SAP NOTE: [1695521](#) for latest information on the download location of SFTP PGP Add-On.

It is strongly recommended to download the latest Support packages and patches available for these components. For downloading latest Support package and patches, please refer to the following location.

<http://service.sap.com/swdc> -> Support Packages and Patches -> Browse our Download Catalog -> [SAP NetWeaver and complementary products](#) -> PI SFTP PGP ADDON

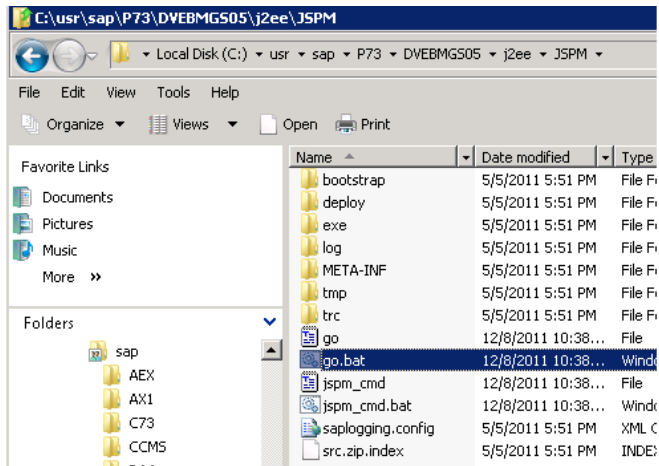
Available Components

Component	Type of File	Additional Information
SFTP Adapter	SCA	
PGP Module	SCA	
XI CONTENT SFTP ADAPTER	(ZIP (.TPZ))	Contains Adapter Meta data
Add On Documentation	ZIP	Contains documents of all components

Deploying files via JSPM

The subsequent slides illustrate the steps involved in deploying adapter files via JSPM.

1. From the content of the ZIP file, move the SCA files to the “in” directory of JSPM:
2. Start JSPM from the PI server installation directory:



Deploying files via JSPM contd...

SAP NetWeaver
SOFTWARE DELIVERY TOOL

Start Deployment | **Deployed Components** | Logs

1 Select Package Type | 2 Specify Queue | 3 Check Queue | 4 Deploy Queue | 5 Completed

Welcome > **Select Package Type**

To apply a Support Package Stack, we recommend that you select the **"Support and Enhancement Package Stack"** option. Otherwise, your system might become inconsistent. For step by step description of the update procedure, see respective Support Package Stack Guide.

The Inbox directory is `\www5066\sapmnt\trans\EPS\in`.

Select a package type to apply

- Support and Enhancement Package Stack
- Java Support Package Manager (JSPM)
- Single Support Packages and Patches (advanced user only)
- Hot Fixes
- New Software Components**
- Business Packages (advanced user only)
- Additional Usage Type Installation (advanced user only)

This system is not under NWDI control.

Back | **Next** | Cancel

Deploying files via JSPM contd...

The screenshot displays the SAP NetWeaver Software Delivery Tool interface. At the top, there is a menu bar with 'File', 'Info', and 'Help'. Below the menu bar, the title 'SAP NetWeaver SOFTWARE DELIVERY TOOL' is visible, along with the SAP logo. A progress bar at the top indicates five steps: 1. Select Package Type, 2. Specify Queue (highlighted in yellow), 3. Check Queue, 4. Deploy Queue, and 5. Completed. Below the progress bar, the text 'New Software Components > Specify Queue' is displayed. Underneath, it says 'Select new software components to deploy'. A table lists two software components:

Vendor/Name	Target Release.SPLLevel.PatchLevel	Details
sap.com/P182B_P6P	1.0.0.0	Show Details
sap.com/P182B_SFTP	1.0.0.0	Show Details

At the bottom of the interface, there are three buttons: 'Back', 'Next' (highlighted with a red box), and 'Cancel'. The text 'Specify Queue' is visible at the bottom left of the window.

Deploying files via JSPM contd...

SAP NetWeaver
SOFTWARE DELIVERY TOOL

Start Deployment | Deployed Components | Logs

1 Select Package Type | 2 Specify Queue | 3 **Check Queue** | 4 Deploy Queue | 5 Completed

New Software Components > Check Queue

Validation of the selected software components

WARNING:
No valid Maintenance Certificate found on AS Java with SID PJ5. Please refer to [SAP Note 1236587](#) for further information.
AS Java will not be restarted during deployment.

The following software components will be deployed:

Order	VendorName	Current Release.S...	Target Release.SPLe...	Status	Details
1	sap.com/PIB2B_P6P		1.0.0.0	OK	Show Details
2	sap.com/PIB2B_SFTP		1.0.0.0	OK	Show Details

Back Start Cancel

Check Queue

Deploying files via JSPM contd...

The screenshot displays the SAP NetWeaver Software Delivery Tool interface. At the top, there is a menu bar with 'File', 'Info', and 'Help'. Below the menu bar, the title 'SAP NetWeaver SOFTWARE DELIVERY TOOL' is visible, along with the SAP logo. A progress bar indicates the current step in the deployment process: 1. Select Package Type, 2. Specify Queue, 3. Check Queue, 4. **Deploy Queue**, and 5. Completed. The 'Deploy Queue' step is highlighted in yellow.

Below the progress bar, the text 'New Software Components > Deploy Queue' is displayed. Underneath, it says 'Deploying the selected software components'. A table titled 'Deployment is running' shows the following data:

Order	Vendor/Name	Old Release.SPLeve...	Target Release.SPLeve...	Status
1	sap.com/PIB2B_P6P		1.0.0.0	SCHEDULED
2	sap.com/PIB2B_SFTP		1.0.0.0	SCHEDULED

At the bottom of the interface, there are three buttons: 'Back', 'Next', and 'Cancel'. Below the buttons, a status message reads: 'Deployment of development component sap.com/converter~x12~xml2x12app is in progress...'

Deploying files via JSPM contd...

The screenshot displays the SAP NetWeaver Software Delivery Tool interface. At the top, there is a menu bar with 'File', 'Info', and 'Help'. Below the menu bar, the title 'SAP NetWeaver SOFTWARE DELIVERY TOOL' is shown, along with the SAP logo. A progress bar indicates the deployment process, with five steps: 1. Select Package Type, 2. Specify Queue, 3. Check Queue, 4. Deploy Queue, and 5. Completed. The 'Completed' step is highlighted in yellow. Below the progress bar, the text 'New Software Components > Completed' is displayed. A message states 'Deployment of software components has finished'. Below this, a message says 'Deployment finished successfully.' and provides a link to an 'Evaluation Form' with the URL 'http://mw5066:50019/htdocs/JspmResults_145.html'. A table with two columns, 'Status' and 'Details', is shown, with the 'Status' column highlighted in red. The table contains two rows of data. At the bottom, there are three buttons: 'Back', 'New Deployment', and 'Exit'. The status 'Completed' is also visible at the bottom left of the interface.

File Info Help

SAP NetWeaver
SOFTWARE DELIVERY TOOL

Start Deployment Deployed Components Logs

1 2 3 4 5
Select Package Type Specify Queue Check Queue Deploy Queue Completed

New Software Components > Completed

Deployment of software components has finished

Deployment finished successfully.

To view some statistics for your patch procedure and to send your feedback to SAP, open the following [Evaluation Form](#).
You can find the Evaluation Form in the http://mw5066:50019/htdocs/JspmResults_145.html file.

Order	Vendor/Name	Old Release.SPL...	Current Release.SP...	Status	Details
1	sap.com/PIB2B_P6P		1.0.0.0	DEPLOYED	Show Details
2	sap.com/PIB2B_SFTP		1.0.0.0	DEPLOYED	Show Details

Back New Deployment Exit

Completed

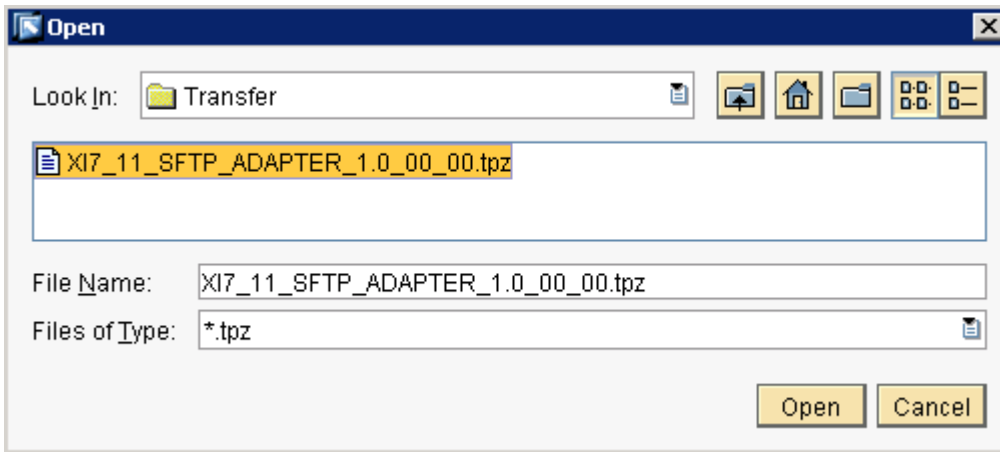
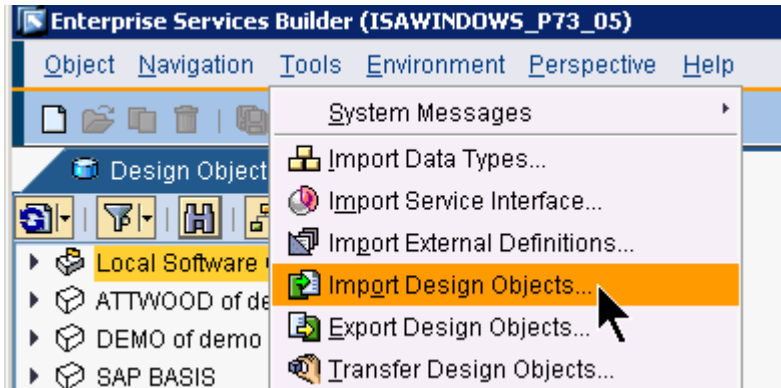
Importing Adapter Metadata into ESR

- From the downloaded ZIP file, extract the file, *XI7_11_SFTP_ADAPTER_1.0_00_00.tpz*, from the directory. This file contains the metadata for the adapters.
- Import *XI7_11_SFTP_ADAPTER_1.0_00_00.tpz* into the ESR

The subsequent screen shots illustrate the procedure to import the metadata into the ESR.

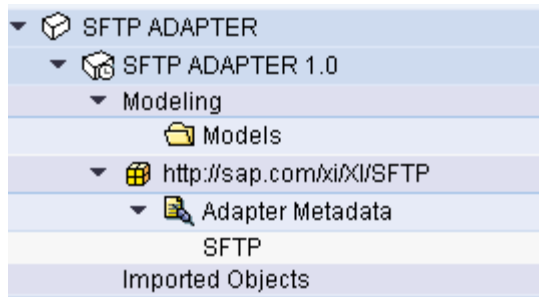
Importing Adapter Metadata into ESR (contd...)

Tools --> Import Design Objects...



Importing Adapter Metadata into ESR (contd...)

After import, you should see the following SWCV in the ESR:



Post Installation Steps

The following post installation procedures are only for specific components of the Add-On.

Install the Java Cryptography Extension (JCE) **Unrestricted Jurisdiction** policy.

Installing JCE is mandatory for execution of usage scenarios requiring cryptography. For more information, see SAP Note: **1240081**.

Other Learning Series Articles

(available in the same SCN space: B2B Integration)

Topic Name	
1a)	How to Proceed Guide
1b)	Installation Guide
1c)	SFTP Adapter
1d)	PGP Module



Thank You!

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