

SAP Localization Hub, digital compliance service (DCS) for India - Integration with GSP (GST Suvidha Provider)

Via SAP Cloud Platform Integration Service

GSP Set Up Guide

Read the document till the end before setting up

Section 1.1 - Pre-requisites for SAP customers (only first-time activity)

1. Install SAP Localization Hub, digital compliance service for India (DCS) solution in your SAP Cloud Platform test and/or productive landscape. For detailed information, refer SAP note: [2460667](#)
2. Must have SAP Cloud Platform Integration (CPI) test and/or productive tenant. Remember Tenant Web UI URL
3. Get the content package (.zip file) from GSP and save to any location (example, desktop → gsptest.zip)
4. Get the certificates from the GSP provider for SSL handshake.
5. Get the GSTN Public key certificate for sandbox and/or production system.
6. Get the exact externalized parameters values from GSP

Section 2 - Set Up steps

Section 2.1 Deploy Keystore (only first-time activity or in case of changes in certificate from GSTN/GSP)

- Create a new Keystore and import the trusted certificates (GSTN Public Key and/or GSP SSL certificate(s)) into the keystore.
- Note:
 - You can use tools like Keystore Explorer to create a new Keystore
 - Deploy the GSTN Public key certificate using alias 'gstncert'
- Add keystore entries to the JAVA keystore of the SAP Cloud Platform Integration tenant by following the process mentioned [here](#)
 - To perform above operation, you need to be a tenant administrator with role AuthGroup.Administrator
- Note: To check the connectivity with GSP, run connectivity test using the WebUI, Monitor → Manage Security → Connectivity Tests

Section 2.2 Deploy Integration Flow

- a. In your browser, go to the WebUI of the CPI tenant using the WebUI url [<Tenant URL>/itspaces]
- b. To logon, enter your P user or S user.
 - If you get HTTP status 403 error, contact your Tenant Administrator
- c. After successful login, choose design
- d. To create content package. (only first-time activity)
 - Click on “Create” in the subsequent screen
 - In the HEADER section, enter meaningful Name (Technical Name) and Short Description. Click on Save. New package is created.
- e. When you already have previous version of integration flow deployed in your tenant and need to replace it with new integration flow, then follow below instructions

To update content package.

- Then choose the content package under which the previous integration flow is deployed.
 - Click on “Edit” button (seen in left side)
 - Go to artifacts tab, checkmark the integration flow,
 - Then click on action icon → configure. Copy the values of the fields maintained over there locally, as it can be used later if GSP confirms these parameters are valid or get the exact latest externalized parameters values. Close the configure pop-up screen.
 - checkmark the integration flow, then click on action icon → undeploy.
- f. To add integration flow to the package
 - Then click on artifacts tab, choose Add → Integration Flow
 - In the subsequent screen, choose upload and browse for the location of the Integration Flow (.zip file) (ex: gsptest.zip)
 - To add integration flow artifact, in the pop-up, choose “upload”, browse to the file <gsptest.zip>
 - Give any name, description, sender (as DCS), receiver (as GSP)
 - Click ok.
 - Iflow is added to content package in design screen of Cloud Platform Integration service itspaces
 - Under artifacts tab, the iflow will be listed.
 - g. After that to configure and deploy
 - In artifacts screen, against the iflow, click on actions icon → configure
 - Define the parameters as provided by GSP to SAP customer.
 - Once parameters are updated, click save then deploy.