

Implementation Guide

SAP SuccessFactors Employee Central Payroll &
SAP HR 608, S4HCMCGB 100 & 101

CUSTOMER

Document Version: 2025-02-12

e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: 2025-26

Using SAP Cloud Integration

Typographic Conventions

Type Style	Description
<i>Example</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
Example	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, F2 or ENTER.

Document History

Version	Date	Change
1.0	2025-02-12	Document created and released
1.1	2025-09-18	Added externalisation of Sender end points

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1 Introduction

Employers based in the United Kingdom (including UK subsidiaries of overseas organizations) must operate Pay As You Earn (PAYE) as part of their payroll. PAYE is the His Majesty's Revenue & Customs (HMRC) system for collecting income tax and national insurance from employers. Every employer that uses its own payroll software, rather than the HMRC system, must electronically report employees' payments and deductions to HMRC on or before each payday, in real time, for each payroll run.

Electronic communication with the government gateway for customers in the United Kingdom is now enabled for Employee Central Payroll customers via SAP Cloud Integration (CI). From April 2022 the use of CI is extended to include On Premise Payroll customers on releases SAP HR 608, S4HCMCGB 100 and 101. Any On Premise customers on a lower release who wish to use CI should raise a customer incident and speak to SAP before commencing the implementation. Any On Premise customer on a release lower than SAP HR 608 using CI for communication to HMRC will not be supported.

For the purposes of clarity, the rest of this document will refer to both the Employee Central Payroll *and* On-Premise Payroll customers on releases of SAP mentioned above, as SAP Backend systems.

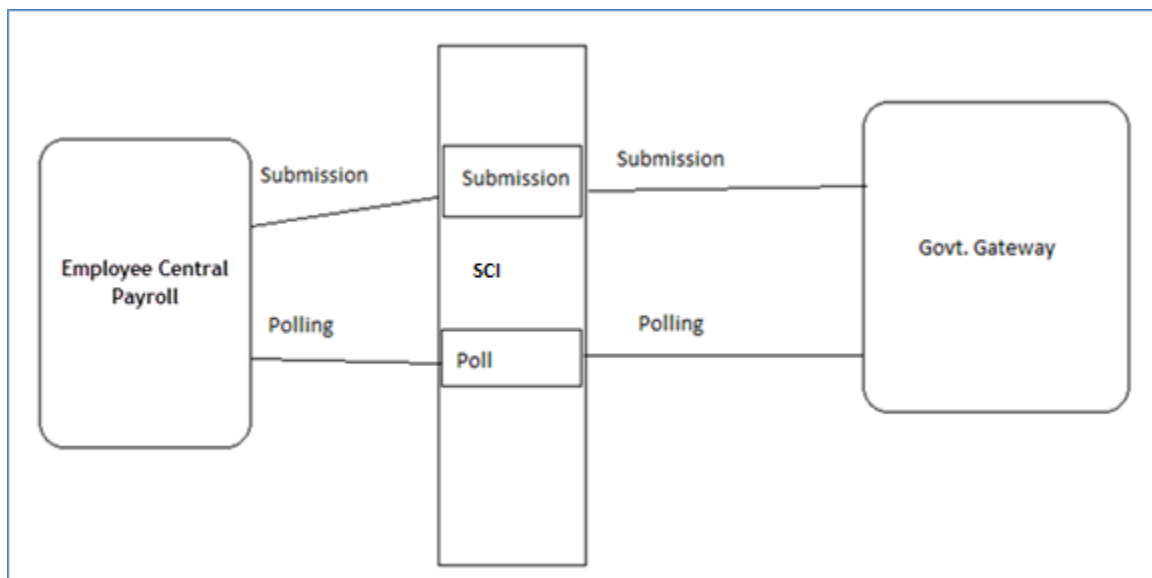
To get CI working, there are some required steps on both the SAP Backend systems and the CI tenant. These steps are typically taken care by an CI consulting team, who is responsible for configuring the SAP Backend systems -CI connection and maintaining the integration content and certificates/credentials on the CI tenant.

2 Overview of Integration Scenarios

Throughout this topic we assume the following setup of technical components and communication paths: The government gateway is being connected to one of the SAP Cloud Integration (CI) tenants assigned to the customer.

The terms "inbound" and "outbound" reflect the perspective of SAP Backend systems:

- Inbound refers to message processing from the government gateway to SAP Backend systems.
- Outbound refers to message processing from SAP Backend systems to the government gateway.



2.1 Outbound

2.1.1 RPCFPSG0: Full Payment Submission (FPS) Report

This report generates an XML file with the full payment details of PAYE tax for all employees.

The employers use this report to generate the XML file with the tax payment details for each payroll period in the RTI format as specified by the HMRC. The FPS is sent to the HMRC for all employees for every payroll period to reconcile employee payment details with the employer's master data.

2.1.2 RPCEPSG0: Employer Payment Submission (EPS) Report

This report is used to report the Apprentice Levy and to reclaim statutory maternity, paternity, adoption or shared parental payments, reclaim Construction Industry Scheme (CIS) deductions, and notify HMRC if no employees are being paid.

2.1.3 RPCEYUG0: Earlier Year Update (EYU) (Tax Years Prior to 2020-21)

This report updates the employees' year-to-date details in the system, after the final Full Payment Submission (FPS) for the tax year.

Note

EYU has become obsolete and is no longer valid from 2020-21 onwards. The report can be used for adjustments from tax years 2013-14 to 2019-20 only.

2.1.4 RPCFPSAGO: Full Payment Submission as amendment for previous tax years (FPSA) (From Tax Year 2020-21 onwards)

This report updates the employees' year-to-date details in the system, after the final Full Payment Submission (FPS) for the tax year.

Note

This report is valid from tax year 2020-21 onwards. For adjusting in tax years prior to this, please use the EYU report (section 2.1.3).

2.1.5 RPCP11G0: Summary of Taxable Benefits for End-of-Year Reporting (P11D)

The employers use this report to process employees' taxable benefits for the following forms:

- P11D Form - P11D Expenses And Benefits (per employee)
P11D (b) Form - Return of Class 1A National Insurance Contributions (summary of all the individual P11D Forms)

2.2 Inbound

2.2.1 RPUEFI_START_POLL: Incoming Forms Poll

The employers use this report to initiate the **e-Filing for United Kingdom** incoming process. This process involves polling your secure mailbox located on the government gateway and retrieving PAYE forms, such as P6, P9, P6B, SL1 and SL2 forms, online.

2.3 More Information

- Report documentation in the SAP Backend systems
Go to transaction SE38 in SAP Backend systems, enter the report technical name, and choose Execute (F8). Then choose the Program Documentation icon (Shift + F1).
- Application help for e-Filing for United Kingdom
Available at the following URL on SAP Help Portal:
[e-Filing for Great Britain \(PA-PA-GB\) | SAP Help Portal](#)
- **Data Provisioning Service (DPS): Supplementary Guidance and How to use the DPS test service**
Available at the following URL:
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/418088/dps_how_to_use_v2-5.pdf

3 Prerequisites

Before you can set up the e-filing functionality to the government gateway using SAP Cloud Integration (CI), make sure that the following prerequisites are met.

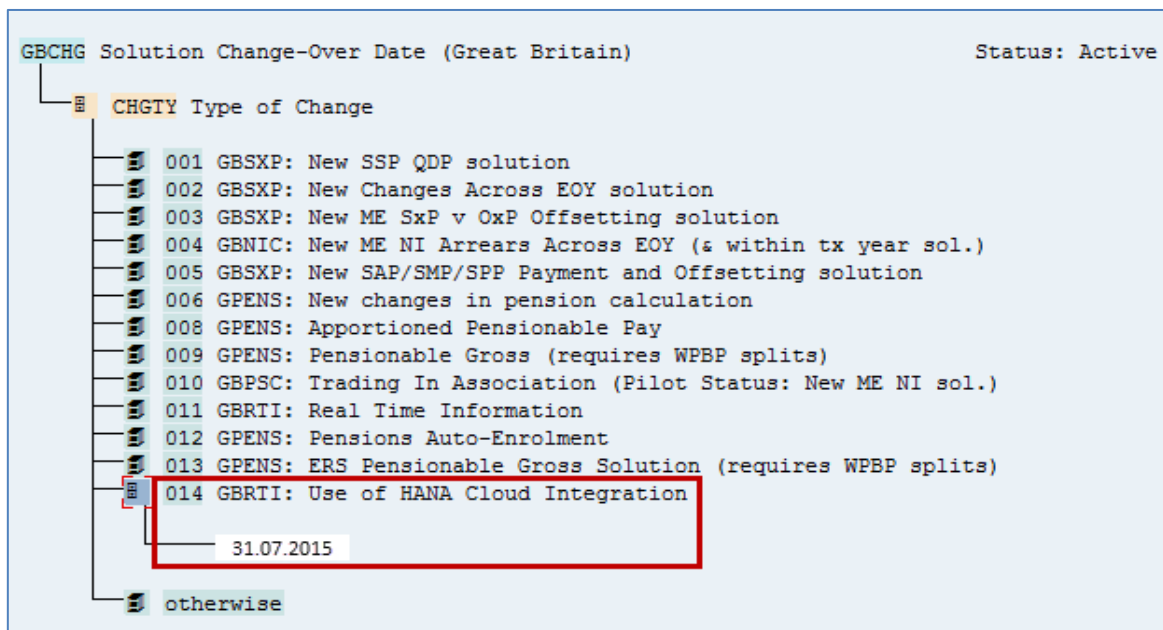
- The SAP Backend systems are on SP B5 of SAP_HRCGB 608, S4HCMCGB 100, 101. If not yet, request the upgrade of Support Package via support ticket.

3.1 Setting Up Real Time Information (RTI) Processes in SAP Backend systems

For details, please refer to the Real Time Information User Guide available with the 3254294 - PY-GB: RTI Legal Changes for Tax Year 2023/2024.

3.2 Prerequisites on the SAP Backend systems

Make sure that feature **GBCHG** has been activated in the SAP Backend systems.



This feature decides from when the SAP Backend systems will use CI to communicate with the government gateway.

To activate the feature, take the following steps:

1. Go to the transaction PE03.
2. Enter the feature **GBCHG**.

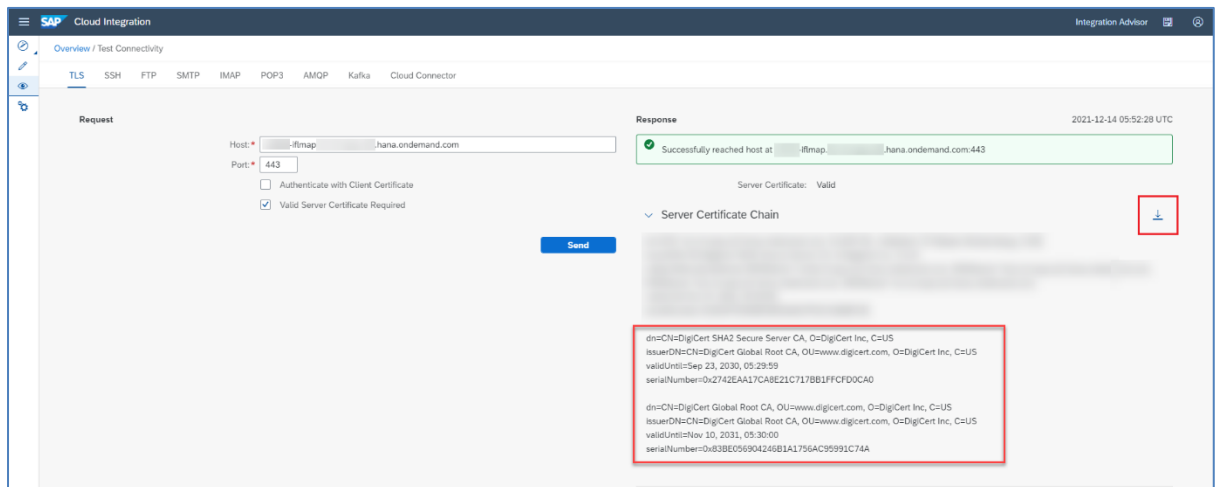
3. Navigate to the node *GBRTI* and enter the date from when the use of SAP Cloud Integration shall take effect.

3.2.1 Certificate Configuration in SAP Backend systems

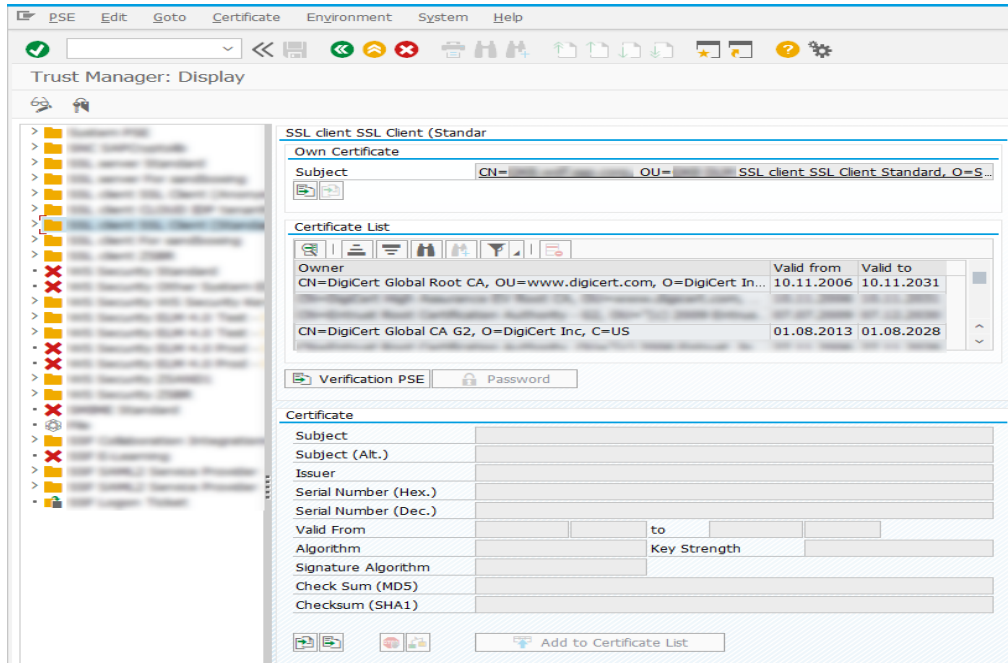
Certificates must be uploaded and added to client PSE in *Trust manager* (STRUST) of SAP Backend systems. For communication with Cloud Integration Tenant, Load Balance root certificates should be configured on the SAP Backend systems.

To download the certificate into the trust store of the SAP Backend systems, perform the following steps:

1. In the Cloud Integration Tenant, go to *Operations View -> Manage Security -> Connectivity Test*.
2. To connect to a cloud integration tenant via the load balancer to get the root certificate select the TLS option. Enter the URL of your runtime node (the URL you want to call from your sender backend) in the Host field. The host name of the runtime node has the format:
`<tenant>-iflmap.<data center>.hana.ondemand.com.`
3. Choose *Send*.
 The response screen provides the list of certificates from the load balancer because the SSL/TLS connection is terminated by the load balancer.
4. Choose the *Download* option to download the certificates. A certificates.zip file is created in your local download directory containing all the certificates.



- From the *.zip file select the *.cer file of the root certificate and import this into the trust store (STRUST) of the EC Payroll system.



3.3 Prerequisites on the CI side

Make sure the CI tenant is provisioned and is live. Make sure a user is available for the CI tenant with the password so that in case you prefer to use the Basic Authentication for the communication purpose.

The user that you are going to use for the communication must be assigned the following permissions:

- **ESBMessaging.send** on the iflmap application.

This permission is required so that SAP Backend systems and CI system can communicate with each other. From this release onwards, the user role has been externalised allowing you to configure your own custom user role.

The client certificates, that will be used to send messages to the integration flow, must be configured in the Certificate-to-User Mapping Monitor. The monitor is available in the Operations View in section Manage Security.

User Name	Subject DN	Issuer DN	Serial Number	Valid Until	Modified By	Modified At
CommunicationUser	CN=...	CN=SAPNetCA_G2,O=SAP,L=Walldorf,C=DE	14309	Jun 08, 2017, 14:48:45	...	May 17, 2017, 09:18:17
User1	CN=...	1.2.840.113549.1.9.1=#16166d61696b2e6d75656c6c6572407361702d61672e6465,CN=SAPNetCA,OU=SA PNet,O=SAP-AG,C=DE	16804040	Oct 26, 2014, 04:53:42	...	May 17, 2017, 09:18:40
YLP	CN=...	CN=SAPNetCA_G2,O=SAP,L=Walldorf,C=DE	30773	Jul 27, 2017, 12:05:14	...	Mar 29, 2017, 08:04:01

In the monitor a username is assigned to the client certificate. To setup the client certificate-based communication upload the client certificate via the Add Button at the top of the monitor and assign a username. The username does not need to exist in the SAP Identity Provider as SAP Community Network (SCN) user.

- **AuthGroup.IntegrationDeveloper** on the tmn application.

This permission is required so that integration Flows can be deployed on the CI tenant.

To assign these permissions to a user, go to SAP Hana Cloud Account cockpit and navigate to Authorizations. Search for the user you are using and assign the permissions.

Account	Application	Role	
	tmmap	ESBMessaging send	Unassign
	tmn	AuthGroup.IntegrationDeveloper	Unassign

4 Setup

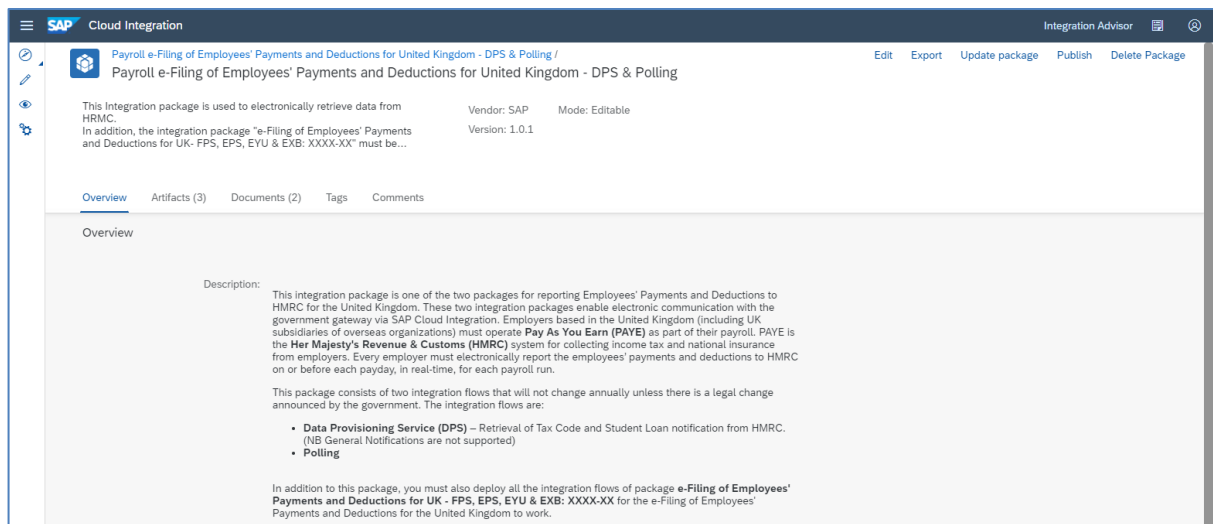
For setting up the communication of SAP Backend systems with the government gateway, two types of setups are required: the setup on the CI side and the setup on the SAP Backend systems.

4.1 Setup of CI

UK Payroll e-Filing of Employees' Payments and Deductions consists of two packages:

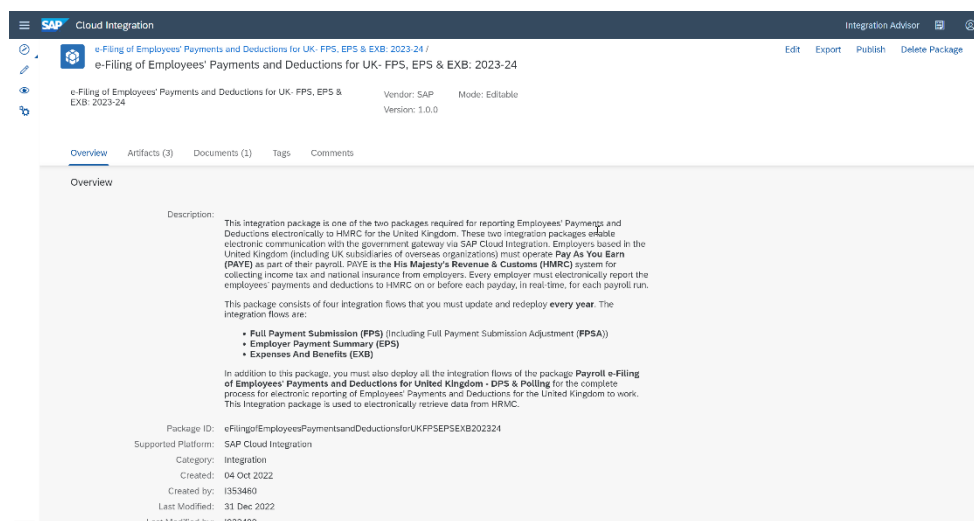
- *Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling*

This package consists of two Integration Flows that you deploy **once for all**: Data Provisioning Service (DPS), and Polling. This package will remain the same every year.



- *e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: XXXX - XX*

This package consists of three Integration Flows that you must update and redeploy **every year** because of the changed namespaces of relevant objects and ports, as required by the United Kingdom



government. This package will be updated every year for both the Integration Flows and the year number in the package name.

Perform the following tasks to set up the Integration Flows on the CI tenants:

Task	Frequency	Section in the Guide
1. Deploy certificates and credentials to the CI tenants	When the government gateway certificates expire	Deploy certificates and credentials to the CI tenants
2. Copy Integration Flows to Workspace	Once only for package <i>Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling</i> Once every year for package <i>e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: XXXX - XX</i>	Copy Integration Flows to Workspace
3. Configure Integration Flows		Configure Integration Flows
4. Deploy Integration Flows		Deploy Integration Flows on test and productive tenants

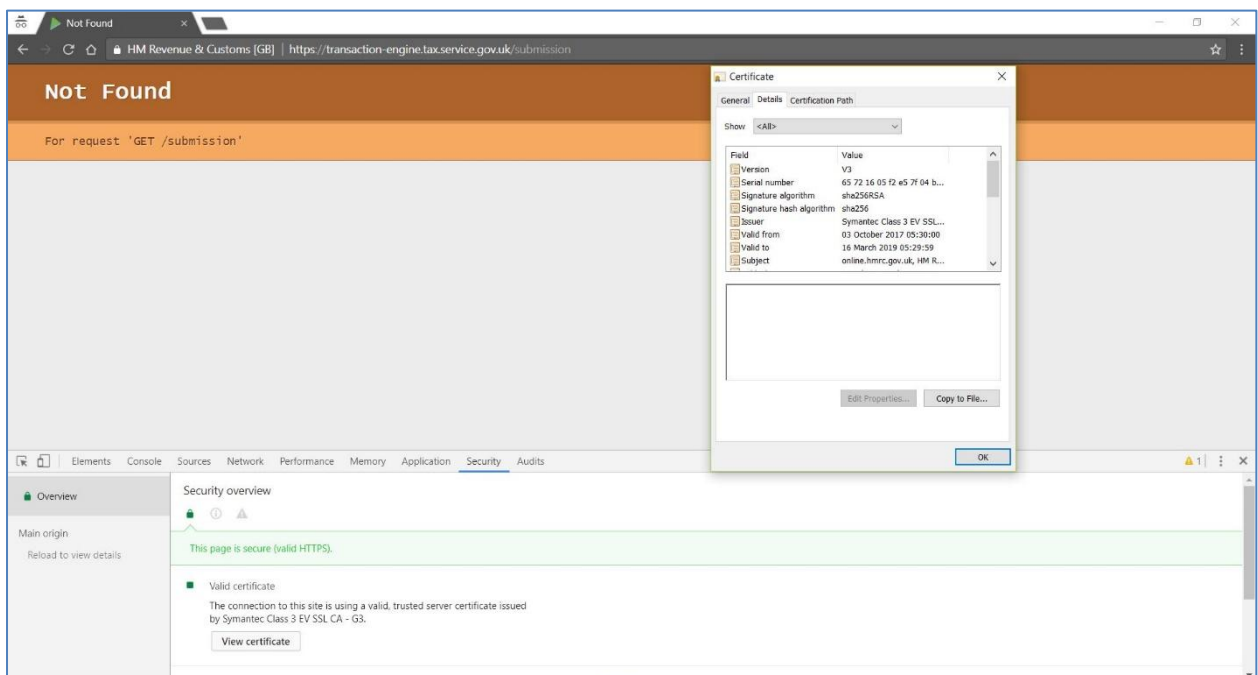
4.1.1 Deploy certificates and credentials to CI tenants

For the communication with the government gateway, you must make sure that the certificates from government authorities are part of the Java Keystore that is uploaded to the CI tenant.

How do I deploy certificates to CI tenants?

Take the following steps to download the certificates from the website of HMRC.

1. Enter the URL <https://transaction-engine.tax.service.gov.uk/submission>
2. Right click on the Page and select *Inspect*
3. Select *Security Tab* and click on *View Certificate*
4. Copy the certificate to a file using the *Copy to File* button and save it to your machine



5. Repeat steps 1-4 for the URL <https://dps.ws.hmrc.gov.uk/dpsauthentication/service>.

- Open a ticket to CI Cloud Operations and request them to update Java Keystore with the certificates
Note: When you execute steps 1 & 5, you will see a page similar to the one in the screen shot above. The "Not found" error is correct. The URL expects an XML submission and is not meant for browsers. However, we use the URL in a browser to extract the certificate needed to establish an SSL connection

4.1.2 Copy Integration Flows to workspace

Take the following steps to copy all Integration Flows in the two packages to your workspace:

Note

You must copy Integration Flows **every year** for the package *e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: XXXX - XX*.

- In your browser, go to the WebUI of the tenant (URL: **<Tenant URL>/itspaces**)
- From the menu in the upper left corner, choose *Discover*
- Click the package name
- In the lower right corner, choose *Copy*



- Repeat steps 3 and 4 for the other packages

Each Integration Flow corresponds to one report or one service.

Package	Integration Flow	Corresponding Report in SAP Backend systems
<i>e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: XXXX - XX</i> Note: XXXX-XX means the financial year, for example 2025-26	Full Payment Submission (FPS) - XXXX-XX	RPCFPSG0
	Employer payment Summary (EPS) - XXXX-XX	RPCEPSG0
	Expenses And Benefits (EXB) - XXXX-XX	RPCP11G0 (P11D)
<i>Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling</i>	Polling	n/a
	Incoming DPS	RPUEFI_START_POLL

4.1.3 Configure Integration Flows

For each Integration Flow, there are several parameters that must be maintained. Therefore, you must follow the instructions below to configure each Integration Flow.

4.1.3.1 Configure Integration Flows for outbound reports

You must configure the following Integration Flows for outbound reports:

Integration Flows for Outbound Reports	Package
Full Payment Submission (FPS) - XXXX-XX	<i>e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: XXXX - XX</i>
Employer payment Summary (EPS) - XXXX-XX	
Expenses And Benefits (EXB) - XXXX-XX	
<p>Polling:</p> <p>Polling is used by all other Integration Flows for outbound reports to collect response from government gateway (HMRC) to SAP Backend systems. It must be configured before any other outbound Integration Flows can be used.</p>	<i>Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling</i>

Take the following steps to configure the Integration Flows for outbound reports:

1. In your CI tenant, from the menu in the upper left corner, choose *Design*.
2. Click either of the package from the above table. Select *Artifacts* Tab.
3. For the Integration Flow that you want to change, choose *Actions* -> *Configure*.

The screenshot shows the 'Artifacts' tab in the SAP Fiori design tool. The package name is 'e-Filing of Employees' Payments and Deductions for UK- FPS, EPS & EXB: 2025-26'. The table below lists the artifacts:

Name	Type	Version	Actions
Employer Payment Summary - 2025-26 The EPS is used to report the Apprentice Levy and reclaim statutory maternity, paternity, adoption, shared parental payments, Construction Industry Scheme(CIS) deductions and notify His Majesty's Revenue and Customs(HMRC) if no employees are paid. Created	Integration Flow	1.0.0	Copy, View metadata, Download, Configure, Deploy
Expense And Benefit - 2024-25 Summary of Taxable Benefits for End-of-Year Reporting Great Britain the United Kingdom. Created	Integration Flow	1.0.0	Copy, View metadata, Download, Configure, Deploy
Full Payment Submission - 2025-26 The FPS report generates an XML file with the full payment details of Pay As You Earn (PAYE) tax, for each payroll period in the Real-Time Information (RTI), for all employees. Created	Integration Flow	1.0.0	Copy, View metadata, Download, Configure, Deploy

4. Change the relevant parameters on the *Receiver* tab page:

The 'Receiver' configuration page shows the following settings:

- Receiver: HMRC
- Adapter Type: HTTP
- Private Key Alias: Please enter alias key value

- o *Private Key Alias*

Enter the alias of the certificate downloaded from the HMRC website.

For *Full Payment Submission* and *Employer Payment Summary*, change the relevant parameters on the *Sender* tab page:

The screenshot shows a configuration window with two tabs: 'Sender' and 'Receiver'. The 'Sender' tab is active. It contains the following fields and controls:

- Sender:** A dropdown menu set to 'ECP'.
- Adapter Type:** A dropdown menu set to 'SOAP'.
- Connection:**
 - Address:** A text input field containing '/CPI/PAYROLL/UK/DEFAULT SENDER ENDPOINT]' with an information icon to its right.
 - User Role:** A text input field containing 'ESBMessaging.send' with a 'Select' button and an information icon to its right.
- Conditions:**
 - Body Size (in MB):** A text input field containing '40' with an information icon to its right.

At the bottom right of the window, there are three buttons: 'Save', 'Deploy', and 'Close'.

- o *Body Size (in MB)*

By default, the size is set as **40 MB**. The recommendation for maximum size limit is **100 MB**.

- o *User role*

You now have the option to define your custom role and use that in this field.

- o *Address*

Only enter an alternate sender endpoint in the address field if you wish to change the default and are very clear of the reasons you wish to change it for. Otherwise, leave the default value as it is. If you change this field, you **MUST** make sure your corresponding SOAMANAGER settings also reflects the change.

5. After changing the parameters, choose *Save*.
6. Repeat steps 2-5 for each of the Integration Flows for outbound reports.

4.1.3.2 Configure Integration Flow for inbound report

Take the following steps to configure the *Data Provisioning Service (DPS)* Integration Flow for the inbound report:

1. In your CI tenant, from the menu in the upper left corner, choose *Design*.
2. Click the package *Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling*. Select *Artifacts Tab*.
3. For the Integration Flow *Data Provisioning Service*, choose *Actions -> Configure*.

The screenshot shows the SAP Integration Advisor interface. At the top, the package name is 'Design / Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling / Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling'. Below this, there is a table of artifacts. The table has columns for Name, Type, and Version. Three artifacts are listed: 'Data Provisioning Service' (Integration Flow, 1.0.1), 'Deprecated - Employer Alignment Submission' (Integration Flow, 1.0.0), and 'Polling' (Integration Flow, 1.0.1). A context menu is open over the 'Data Provisioning Service' row, showing options: Copy, View metadata, Download, Configure, and Deploy. Below the table, the configuration fields are: Receiver: Receiver_Token, Adapter Type: HTTP, and Address: https://dps.ws.hmrc.gov.uk/dpsauthentication/service.

Receiver

Select *Receiver_Token* from the dropdown menu.

Adapter Type

Select *HTTP*.

Address

Enter the URL: <https://dps.ws.hmrc.gov.uk/dpsauthentication/service>

4.2 Configure parameters for Receiver Retrieve:

The screenshot shows the 'Configure "Data Provisioning Service"' dialog box. The 'Receiver' tab is selected. The configuration fields are: Receiver: Receiver_Retrieve, Adapter Type: HTTP, and Address: https://dps.ws.hmrc.gov.uk/dps/service.

Receiver

Select *Receiver_Retrieve* from the dropdown menu.

Adapter Type

Select *HTTP*.

Address

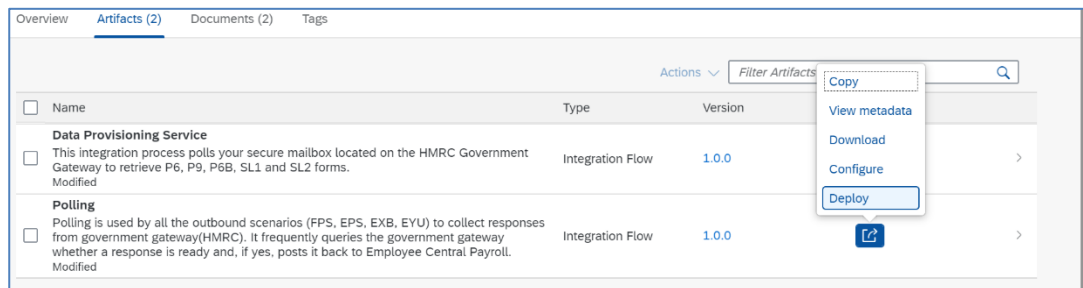
Enter the URL: <https://dps.ws.hmrc.gov.uk/dps/service>

5. Choose *Save*.

4.1.4 Deploy Integration Flows on test and productive tenants

Take the following steps to deploy the Integration Flows on test and productive tenants:

1. In your CI tenant, from the menu in the upper left corner, choose *Design*.
2. Click the package name. Select *Artifacts Tab*.
3. For the Integration Flow that you want to deploy, choose *Actions -> Deploy*.

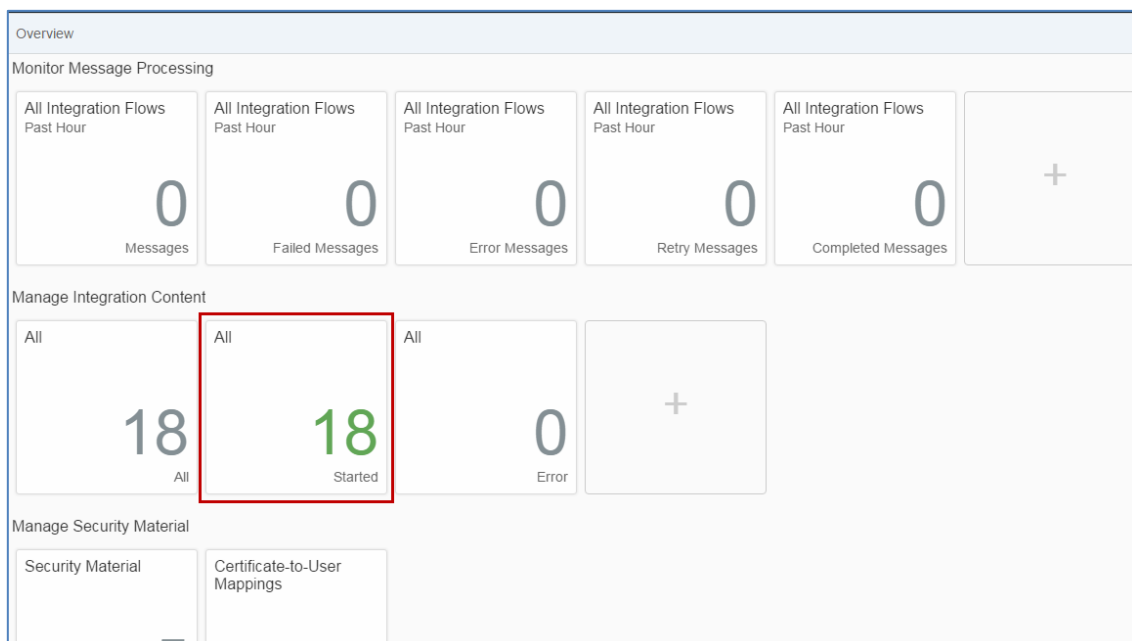


4. Repeat steps 1-3 for each of the Integration Flows in both packages.

Note

You must do steps 1-3 **once every year** for the package *e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: XXXX - XX*.

5. Check and make sure all Integration Flows have been deployed successfully.
 - a. In your CI tenant, choose *Monitor* from the menu in the upper left corner.
 - b. Under *Integration Content Monitor*, choose the *Started* tile.



- c. Check the deploy status of each Integration Flow.
If the *Status* is *Started*, it means the Integration Flow has been deployed successfully.

6. Note down the URLs of the endpoints for each service.
This URL will be used later for the setup of SAP Backend systems.
 - a. Select the Integration Flow form the list.

The screenshot displays the SAP Integration Content Management interface. On the left, a table lists integration flows with columns for Name and Status. The main area shows details for 'Employer Payment Summary - 2025-26', including deployment information and package details. Below this, there are tabs for Endpoints, Status Details, Artifact Details, and Log Configuration. The Endpoints tab is active, showing a list of endpoints with their URLs and download options.

Name	Status
Employer Payment Summary - 2025-26 Integration Flow	Started
Full Payment Submission - 2025-26 Integration Flow	Started
Expense And Benefit - 2024-25 Integration Flow	Started

Employer Payment Summary - 2025-26 Restart Undeploy Download

Deployed On: Jan 14, 2025, 16:13:26 ID: Employer_Payment_Summary_2025-26
Deployed By: I033499 Version: 1.0.0

Package: e-Filing of Employees' Payments and Deductions for UK- FPS, EPS & EXB: 2025-26

Endpoints Status Details Artifact Details Log Configuration

<https://c0310-1f1nap.hcisb.int.sap.eu2.hana.ondemand.com/cxf/CPI/PAYROLL/UK/EPS/25-26> Download

WSDL Download

WSDL without policies Download

- b. Note down the endpoint URL present on the right side of the screen under Endpoints Tab.

4.2 Setup of SAP Backend systems

In the backend systems, you need to configure the Web Services in SOA MANAGER through which the communication between SAP Backend systems and the Government Gateway via CI can be established.

The following steps take the *Full Payment Submission (FPS) Report* (RPCFPSSGO) as an example.

Note

You must configure the proxy for each of the reports. For some reports, you only need to configure the proxy **once**; while for the other reports, you must reconfigure the proxy **once every year** due to changed object names and port names by government requirements. For more information, see the table of object names and port names at the end of this section.

1. Open the SOA MANAGER using transaction SOAMANAGER.
2. Click *Web service configuration*.
3. Search for the object name CO_HR_GB_EFO_FPS_OUT_25 and click *Search*.
4. Click the internal name link and then select *Create > Manual Configuration*.
5. Enter a logical port name, for example, CO_HR_GB_EFO_FPS_OUT_25_HCI_PORT, select the checkbox *Logical Port is Default*, and click *Next*.

The screenshot shows the 'New Manual Configuration of Logical Port for Consumer Proxy' wizard. The title bar reads 'New Manual Configuration of Logical Port for Consumer Proxy 'CO_HR_GB_EFO_FPS_OUT_25''. The progress bar indicates six steps: 1. Logical Port Name (highlighted), 2. Consumer Security, 3. HTTPSettings, 4. SOAP Protocol, 5. Identifiable Business Context, and 6. Operation Settings. Below the progress bar are buttons for 'Back', 'Next', 'Finish', and 'Cancel'. The main content area is titled 'General Configuration Settings' and contains the following fields:

- * Logical Port Name: CO_HR_GB_EFO_FPS_OUT_25_HCI_PORT
- Logical Port is Default:
- Description: Logical port for FPS submissions using Cloud Integration

6. Select *X.509 SSL Client Certificate*.

In the *SSL Client PSE of transaction STRUST* field, select the PSE where you have created the client certificate. Then click *Next*.

The screenshot shows the 'New Manual Configuration of Logical Port for Consumer Proxy' wizard at step 2: Consumer Security. The title bar reads 'New Manual Configuration of Logical Port for Consumer Proxy 'CO_HR_GB_EFO_FPS_OUT_25''. The progress bar indicates six steps: 1. Logical Port Name, 2. Consumer Security (highlighted), 3. HTTPSettings, 4. SOAP Protocol, 5. Identifiable Business Context, and 6. Operation Settings. Below the progress bar are buttons for 'Back', 'Next', 'Finish', and 'Cancel'. The main content area is titled 'Configuration of Consumer Settings without WSDL Document. LP=CO_HR_GB_EFO_FPS_OUT_25_HCI_PORT' and contains the following settings:

- Authentication Level: Basic
- Authentication Settings:
 - User ID / Password
 - SAP Authentication Assertion Ticket
 - X.509 SSL Client Certificate
- User ID/Password:
 - User Name:
 - Password:

Recommendation

We recommend using the [X.509 SSL Client Certificate](#) to authenticate, as it is a more secure option. There is a prerequisite to use this, please check SAP note [2849283](#).

Note

When you select User ID/Password. Enter the User ID and Password of the CI user. Then click Next.

7. Enter the relevant information and then click [Next](#).
 - o URL Access Path
Enter the endpoint URL of iflmap of the CI tenant on which your Integration Flow is deployed.
For example, <https://...hana.ondemand.com/cxf/CPI/PAYROLL/UK/FPS/25-26>.
 - o Enter Transport Binding
Make sure that Maximum Wait is **999** and the Compress Response is **False**.
8. In SOAP Protocol, select [Suppress ID Transfer](#) for Message ID Protocol. Click [Next](#).

The screenshot shows the configuration page for the SOAP Protocol step. At the top, a progress bar indicates six steps: 1. Logical Port Name, 2. Consumer Security, 3. HTTPSettings, 4. SOAP Protocol (current step), 5. Identifiable Business Context, and 6. Operation Settings. Below the progress bar are buttons for Back, Next, Finish, and Cancel. The main configuration area includes:

- Message ID (Synchronous)
- Message ID Protocol: A dropdown menu set to 'Suppress ID Transfer'.
- Metering of Service Calls
- Data transfer scope: A dropdown menu set to 'Enhanced Data Transfer'.
- Transfer protocol: A dropdown menu set to 'Transfer via SOAP header'.

9. Proceed with the default settings and click [Finish](#).
10. On the [Define Logical Ports](#) page, select the entry and click [Activate](#).

Repeat the same procedure to set up the proxies for all the reports. See the following table for the proxy object names and port names used in step 3 and step 5:

Integration Flow	Corresponding Report in SAP Backend systems	Object Name	Port Name to be configured	URL access path	Comments
Full Payment Submission (FPS) - XXXX-XX	RPCFPSG0	CO_HR_GB_EFO_FPS_OUT_25	CO_HR_GB_EFO_FPS_OUT_25_HCI_PORT	/cxf/CPI/PAYROLL/UK/FPS/25-26	Object names and port names for these Integration Flows change every year. Therefore, you
Employer payment Summary	RPCEPSG0	CO_HR_GB_EFO_EPS_OUT_25	CO_HR_GB_EFO_EPS_OUT_25_HCI_PORT	/cxf/CPI/PAYROLL/UK/EPS/25-26	

Integration Flow	Corresponding Report in SAP Backend systems	Object Name	Port Name to be configured	URL access path	Comments
(EPS) - XXXX-XX					must reconfigure the proxies for these reports once every year .
Expenses And Benefits (EXB) - XXXX-XX	RPCP11GO (P11D)	CO_HR_GB_EFO_EXB_OUT_25	CO_HR_GB_EFO_EXB_OUT_HCI_PORT	/cxf/CPI/PAYROLL/UK/EXB/24-25	
Polling	n/a	CO_HR_GB_EFO_RESP_OUT	CO_HR_GB_EFO_RESP_OUT_HCI_PORT	/cxf/HCI/PAYROLL/UK/POLL	Object names and port names for these Integration Flows remain the same every year. Therefore, you configure the proxies for these reports once only .
Incoming DPS	RPUEFI_START_POLL	CO_HR_GB_EFI_DPSREQUEST_TOKEN1	CO_HR_GB_EFI_DPSREQUEST_TOKEN1_HCI_PORT	/cxf/HCI/PAYROLL/UK/DPS	
		CO_HR_GB_EFI_DPSRETRIEVE1	CO_HR_GB_EFI_DPSRETRIEVE1_HCI_PORT	/cxf/HCI/PAYROLL/UK/DPSRETRIEVE	

5 Testing

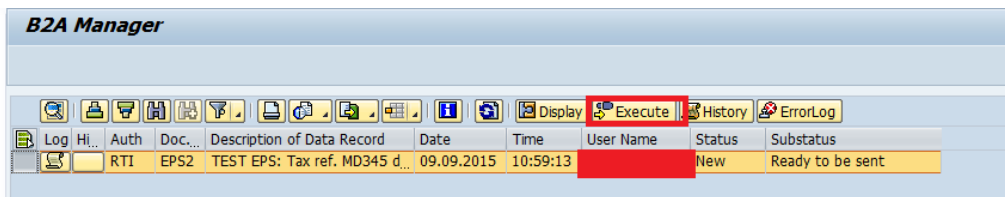
5.1 Prerequisites

Testing can only be performed from the production environment in SAP Backend systems to the HMRC production system using the TEST IN LIVE option.

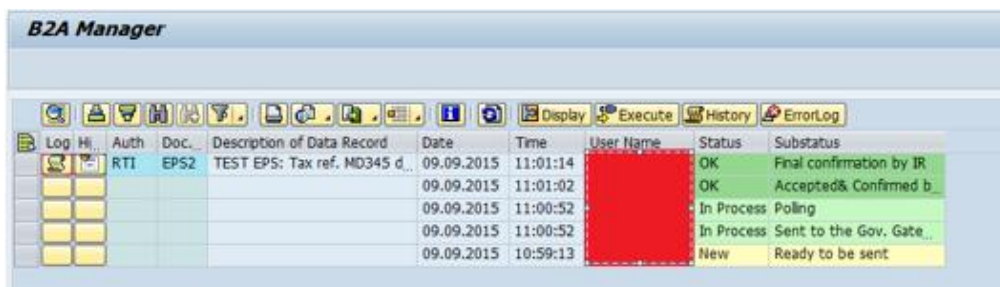
5.2 Testing outbound reports

Take the following steps to test the outbound reporting function. Here we use the **Employer Payment Submission (EPS) Report (RPCEPSGO)** as an example.

1. Go to transaction SE38.
2. Enter the report name `RPCEPSGO` and choose the Execute (F8) button.
3. Enter the relevant selection criteria and choose the Execute (F8) button.
4. In the output screen, click **B2A Manager**, select the record, and choose the Execute (F8) button.



Result: The file is submitted successfully to the government gateway.

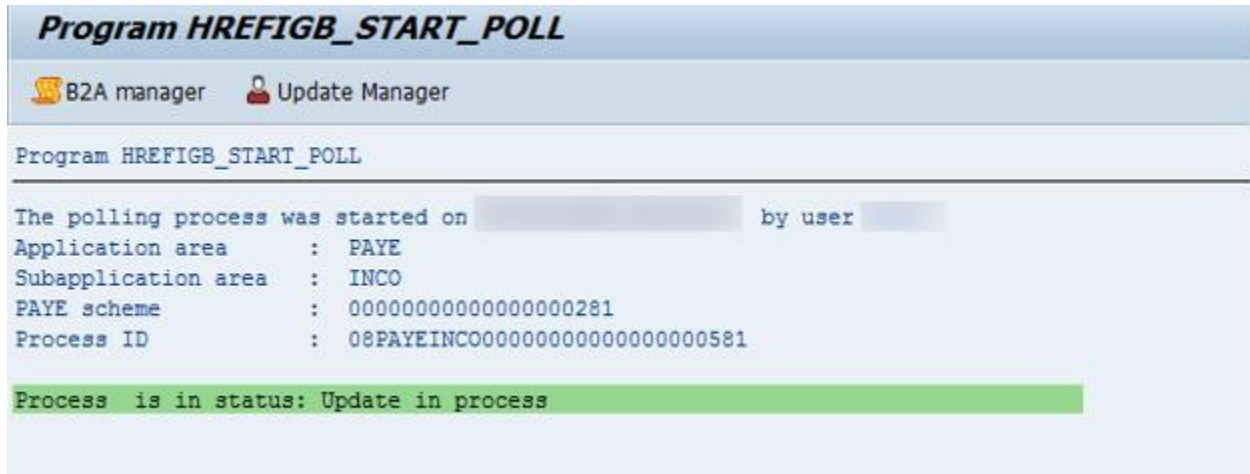


Follow the same procedure to test the other outgoing reports:

- RPCFPSGO: Full Payment Submission (FPS) Report
- RPCP11GO: Summary of Taxable Benefits for End-of-Year Reporting (P11D)
- RPCFPSAGO: Full Payment Submission as amendment for previous tax years

5.3 Testing inbound report

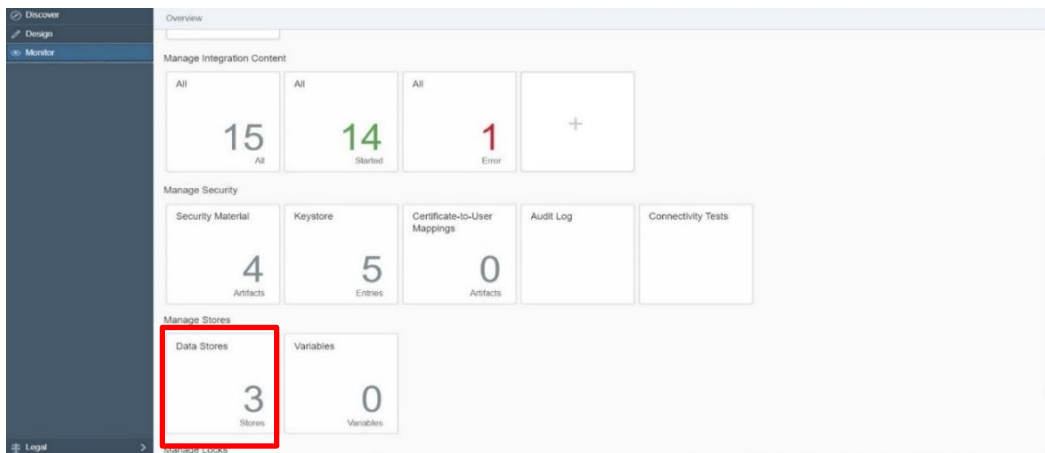
In the SAP Backend systems, execute the report `RPUEFI_START_POLL` to run the Data Provisioning scenario.



For more information, see the [More Information](#) section.

5.4 Verifying the payload

1. Navigate to CI tenant and choose *Monitor* from the upper left-hand side
Choose *Data Stores* from the *Manage Stores* section.



- Choose the Integration Flow name you require. System displays the list of the communications in the sequence they are triggered

The screenshot shows the SAP Data Store Overview interface. On the left, a list of data stores is displayed with their names, IDs, and counts. The 'EPS18-19' data store is selected, showing 6 entries and 1 overdue entry. The main area displays a detailed view of the 'EPS18-19' data store, including a table of entries with columns for ID, Status, Due At, and Created At. A 'Download' button is highlighted in red in the top right corner of the table area.

ID	Status	Due At	Created At
bfce87ed-cc82-49f-8d07-05414db30e13	Waiting	Jan 04, 2019, 19:22:26	Jan 02, 2019, 19:22:26
Message ID: AFwshpk5_707Zz8jrgoXGQUU0Uyr Retain Until: Jan 17, 2019, 19:22:26			
63062331-dbc3-41ea-a513-a377324747b6	Waiting	Jan 04, 2019, 19:20:52	Jan 02, 2019, 19:20:52
Message ID: AFwswbyPGUSKA.DHuOjxuSvF5Ap1 Retain Until: Jan 17, 2019, 19:20:52			
fc9d986a-0319-4804-8579-737ef2793adc	Waiting	Jan 04, 2019, 18:00:56	Jan 02, 2019, 18:00:56
Message ID: AFwswr6DU1qD1f0td2q_374QUH6H# Retain Until: Jan 17, 2019, 18:00:56			
1ae494da-99cc-4722-95dd-4983871f09ea	Waiting	Jan 04, 2019, 16:45:38	Jan 02, 2019, 16:45:38
Message ID: AFwswrVrOeJL0rEYLC6OTDIH0mVx0			

- You can select a specific communication by choosing the specific time stamp.
- You can download the communication and open it any text editor.



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Material Number: