

e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: 2021-22

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.

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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 Her 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 (SCI).

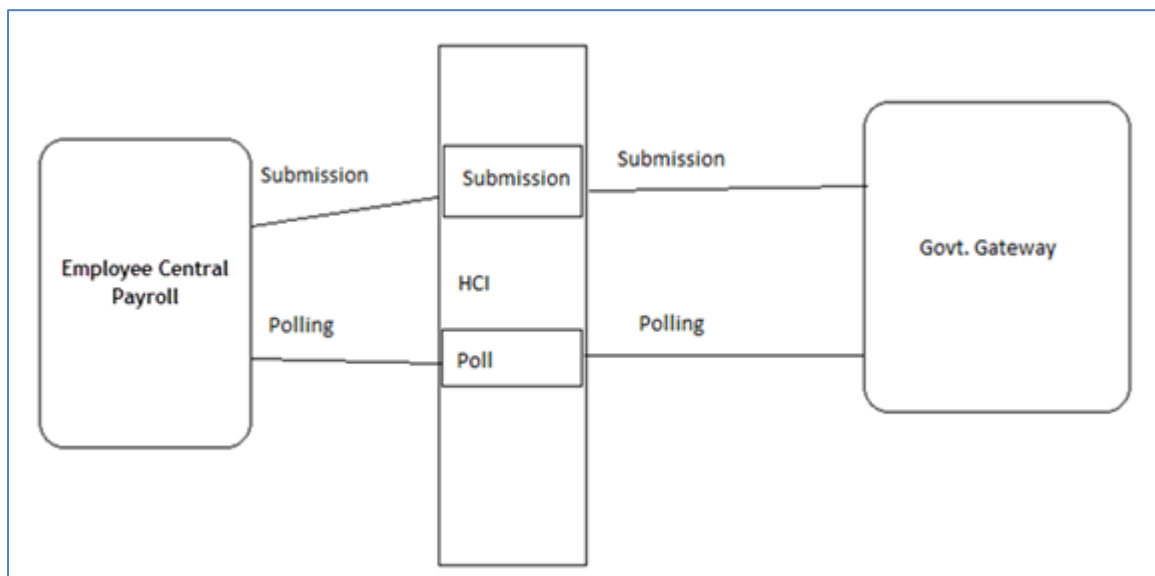
In order to get SCI working, there are some required steps on both the Employee Central Payroll system and the SCI tenant. These steps are typically taken care of by an SCI consulting team, who is responsible for configuring the Employee Central Payroll-SCI connection and maintaining the integration content and certificates/credentials on the SCI 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 (SCI) tenants assigned to the customer.

The terms "inbound" and "outbound" reflect the perspective of Employee Central Payroll:

- Inbound refers to message processing from the government gateway to Employee Central Payroll.
- Outbound refers to message processing from Employee Central Payroll to the government gateway.



2.1 Outbound

2.1.1 RPCFPSGO: 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 RPCFPSAG0: 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 Employee Central Payroll system
Go to transaction SE38 in Employee Central Payroll, 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:
http://help.sap.com/erp_hcm_ias_2112_02/helpdata/en/cd/5a0641f753f523e10000000a155106/frameaset.htm
- **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 (SCI), make sure that the following prerequisites are met.

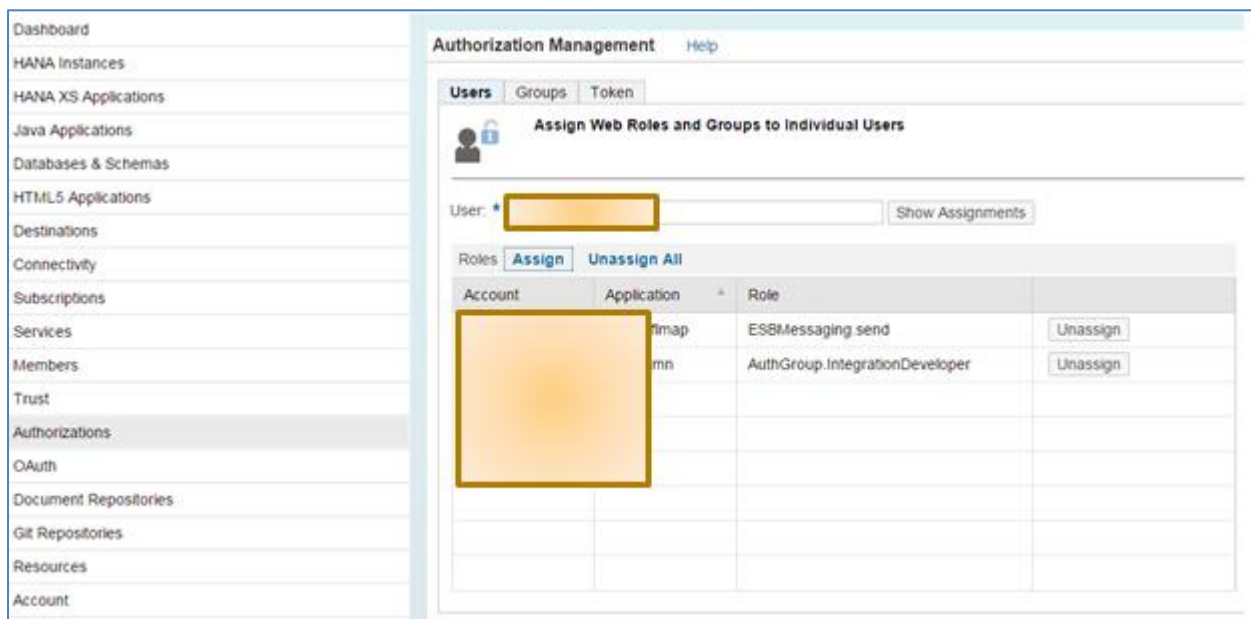
3.1 Prerequisites on the SCI side

Make sure the SCI tenant is provisioned and is live. Make sure a user is available for the SCI 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:

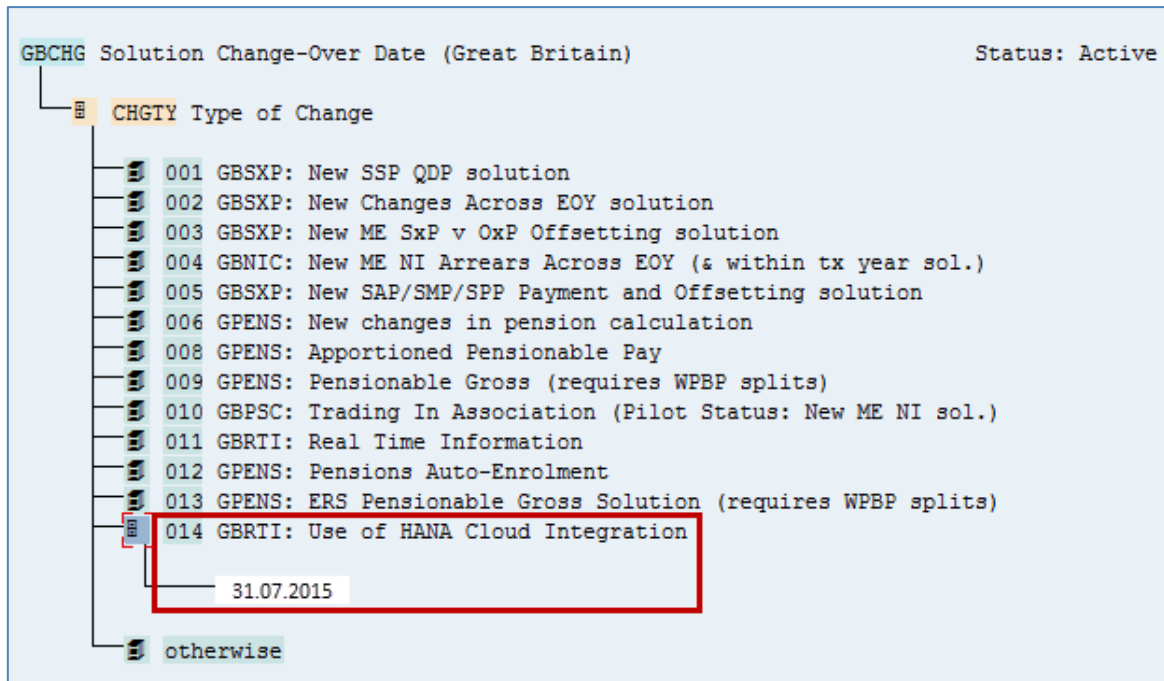
- **ESBMessaging.send** on the iflmap application.
This permission is required so that Employee Central Payroll system and SCI system can communicate with each other.
- **AuthGroup.IntegrationDeveloper** on the tmn application.
This permission is required so that integration Flows can be deployed on the SCI 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.



3.2 Prerequisites on the Employee Central Payroll side

- Make sure that the Employee Central Payroll system is on **SP 87 of SAP_HRCGB 608**. If not yet, request the upgrade of Support Package via support ticket.
- Make sure that feature **GBCHG** has been activated in the Employee Central Payroll system.



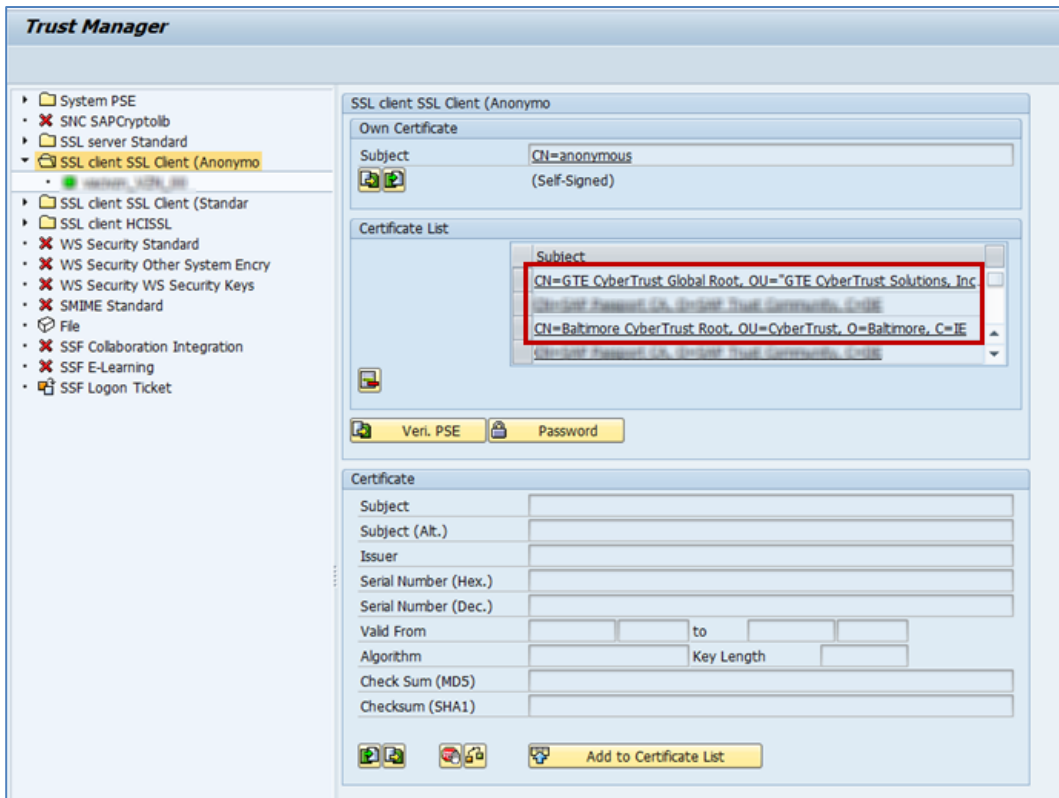
This feature decides from when the Employee Central Payroll will use SCI to communicate with the government gateway.

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.

The following Certificates must be uploaded and added to SSL Client Anonymous in *Trust manager* (STRUST) of Employee Central Payroll system:

- o GTE CyberTrust Global Root
- o Baltimore CyberTrust Root



Note

If these certificates are not available, open a ticket requesting an import of the above certificates.

4 Setup

For setting up the communication of Employee Central Payroll with the government gateway, two types of setup are required: the setup on the SCI side and the setup on the Employee Central Payroll side.

4.1 Setup of SCI

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.

The screenshot shows the SAP Cloud Platform interface for an integration package. At the top, there is a breadcrumb trail: 'Design / Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling /'. To the right of the breadcrumb are three action buttons: 'Edit', 'Export', and 'Delete Package'. Below the breadcrumb is the package name 'Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling' next to a hexagonal icon. Underneath, there is a description: 'This Integration package is used to electronically retrieve data from HRMC. In addition, the integration package "e-Filing of Employees' Payments and Deductions for UK- FPS, EPS, EYU & EXB: 2020-2...'. To the right of this description, there are two fields: 'Vendor: SAP' and 'Mode: Editable', and below them, 'Version: 1.0.0'. Below the description is a navigation bar with four tabs: 'Overview' (which is selected and underlined), 'Artifacts (2)', 'Documents (2)', and 'Tags'. The main content area below the navigation bar is titled 'Description:' and contains two paragraphs of text. The first paragraph explains that the package is used for reporting Employees' Payments and Deductions to HMRC for the United Kingdom, enabling electronic communication via SAP Cloud Platform Integration. It mentions that employers based in the United Kingdom (including UK subsidiaries of overseas organizations) must operate Pay As You Earn (PAYE) as part of their payroll. The second paragraph states that PAYE is the Her Majesty's Revenue & Customs (HMRC) system for collecting income tax and national insurance from employers, and that every employer must electronically report the employees' payments and deductions to HMRC on or before each payday, in real-time, for each payroll run. The second paragraph also states that the package consists of two integration flows that will not change annually unless there is a legal change announced by the government. The integration flows are:

- [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.

Design / e-Filing of Employees' Payments and Deductions for UK- FPS, EPS & EXB: 2021-22 /
e-Filing of Employees' Payments and Deductions for UK- FPS, EPS & EXB: 2021-22

Integration package used for e-Reporting to HMRC. FPS, EPS, EXB to be updated & deployed annually.
Integration Package: "Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling" must be deployed additionally. Vendor: SAP Mode: Editable
Version: 1.0.0

Overview Artifacts (3) Documents Tags Comments

Overview

Description:

This integration package is one of the two packages required for reporting Employees' Payments and Deductions electronically to HMRC for the United Kingdom. These two integration packages enable electronic communication with the government gateway via SAP Cloud Platform Integration. 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 **Her Majesty's Revenue & Customs (HMRC)** system for collecting income tax and national insurance from employers. Every employer must electronically report the employees' payments and deductions to HMRC on or before each payday, in real-time, for each payroll run.

This package consists of four integration flows that you must update and redeploy **every year**. The integration flows are:

- Full Payment Submission (FPS) (including Full Payment Submission Adjustment (FPSA))
- Employer Payment Summary (EPS)
- Expenses And Benefits (EXB)

In addition to this package, you must also deploy all the integration flows of the package **Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling** for the complete process for electronic reporting of Employees' Payments and Deductions for the United Kingdom to work. This Integration package is used to electronically retrieve data from HMRC

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

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

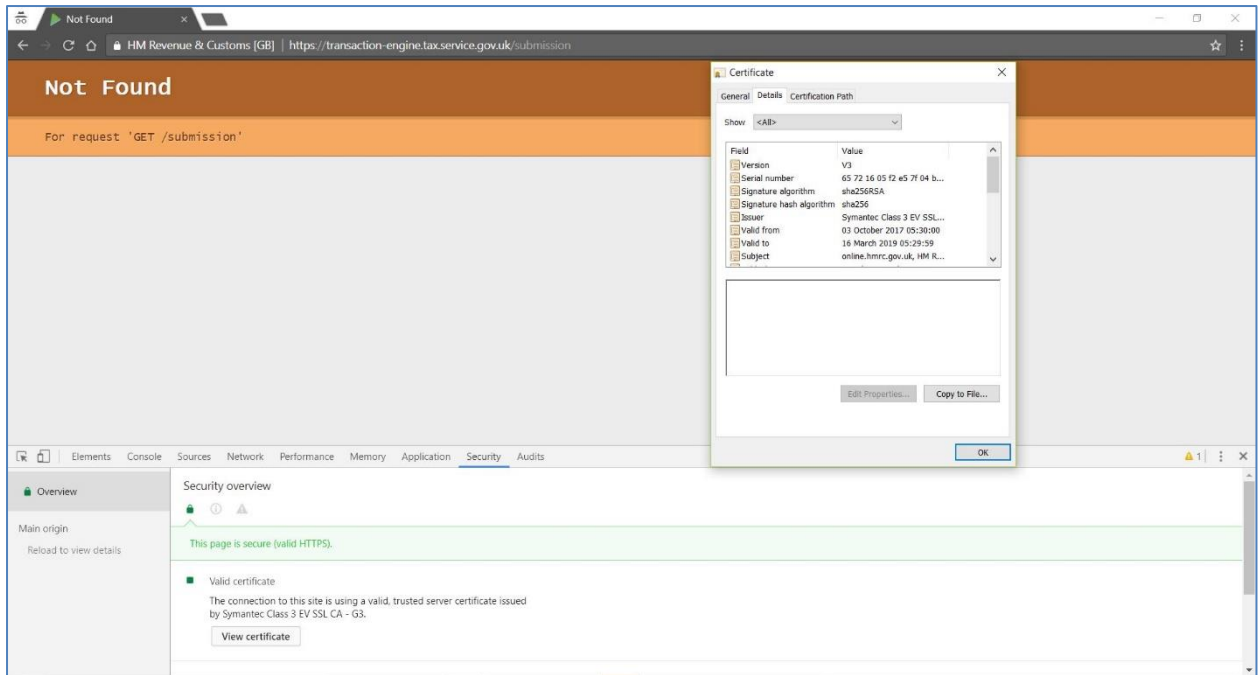
4.1.1 Deploy certificates and credentials to SCI tenants

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 SCI tenant.

How do I deploy certificates to SCI 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



Design / e-Filing of Employees' Payments and Deductions for UK- FPS, EPS & EXB: 2021-22 / e-Filing of Employees' Payments and Deductions for UK- FPS, EPS & EXB: 2021-22

Integration package used for e-Reporting to HMRC. FPS, EPS, EXB to be updated & deployed annually. Vendor: SAP Mode: Editable
 Integration Package: "Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling" must be deployed additionally. Version: 1.0.0

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Overview

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This package consists of four integration flows that you must update and redeploy **every year**. The integration flows are:

- **Full Payment Submission (FPS)** (Including Full Payment Submission Adjustment (FPSA))
- **Employer Payment Summary (EPS)**
- **Expenses And Benefits (EXB)**

In addition to this package, you must also deploy all the integration flows of the package **Payroll e-Filing of Employees' Payments and Deductions for United Kingdom - DPS & Polling** for the complete process for electronic reporting of Employees' Payments and Deductions for the United Kingdom to work. This Integration package is used to electronically retrieve data from HMRC

5. Repeat steps 1-4 for the URL <https://dps.ws.hmrc.gov.uk/dpsauthentication/service>
6. Open a ticket to SCI Cloud Operations and request them to update Java Keystore with the certificates

4.1.2 Copy Integration Flows to workspace

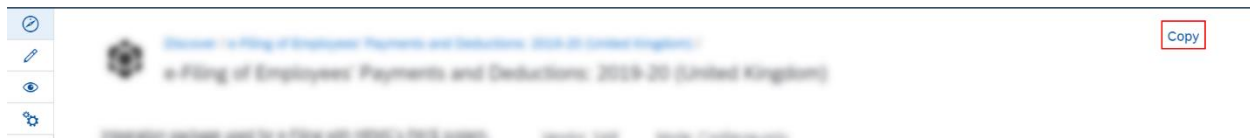
Take the following steps to copy all Integration Flows in the two packages to your workspace:

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*.

If you have already deployed Integration Flows in the previous year, you must undeploy the old Integration Flows before deploying the Integration Flows of the current year, and then delete the old Integration Flows. For more information, see [Appendix: Undeploying and Deleting Integration Flows](#).

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



5. 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 Employee Central Payroll
<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 2021-22	Full Payment Submission (FPS) - XXXX-XX	RPCFPSGO
	Employer payment Summary (EPS) - XXXX-XX	RPCEPSGO
	Expenses And Benefits (EXB) - XXXX-XX	RPCP11GO (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.

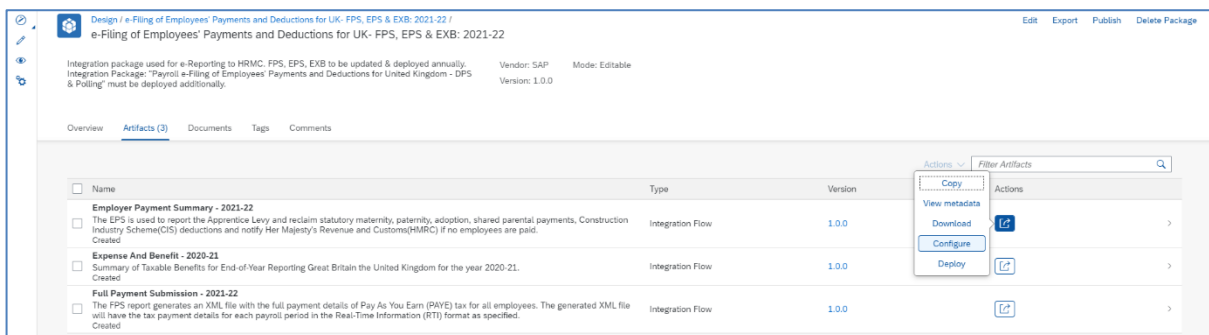
4.1.3.1 Configure Integration Flows for outbound reports

You must configure the following Integration Flows for outbound reports:

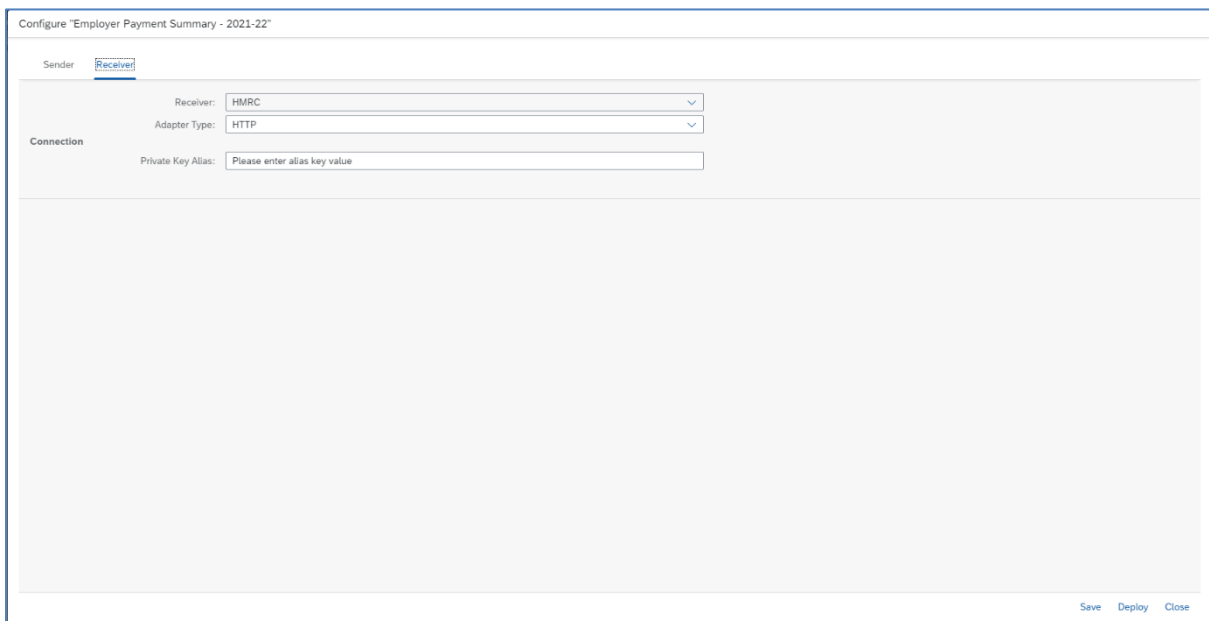
Integration Flows for Outbound Reports	Package
Full Payment Submission (FPS) - XXXX-XX	<i>e-Filing of Employees' Payments and Deductions for UK - FPS, EPS & EXB: XXXX - XX</i>
Employer payment Summary (EPS) - XXXX-XX	
Expenses And Benefits (EXB) - XXXX-XX	
<p>Polling:</p> <p>Polling is used by all other Integration Flows for outbound reports to collect response from government gateway (HMRC) to Employee Central Payroll system. 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 SCI 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*.



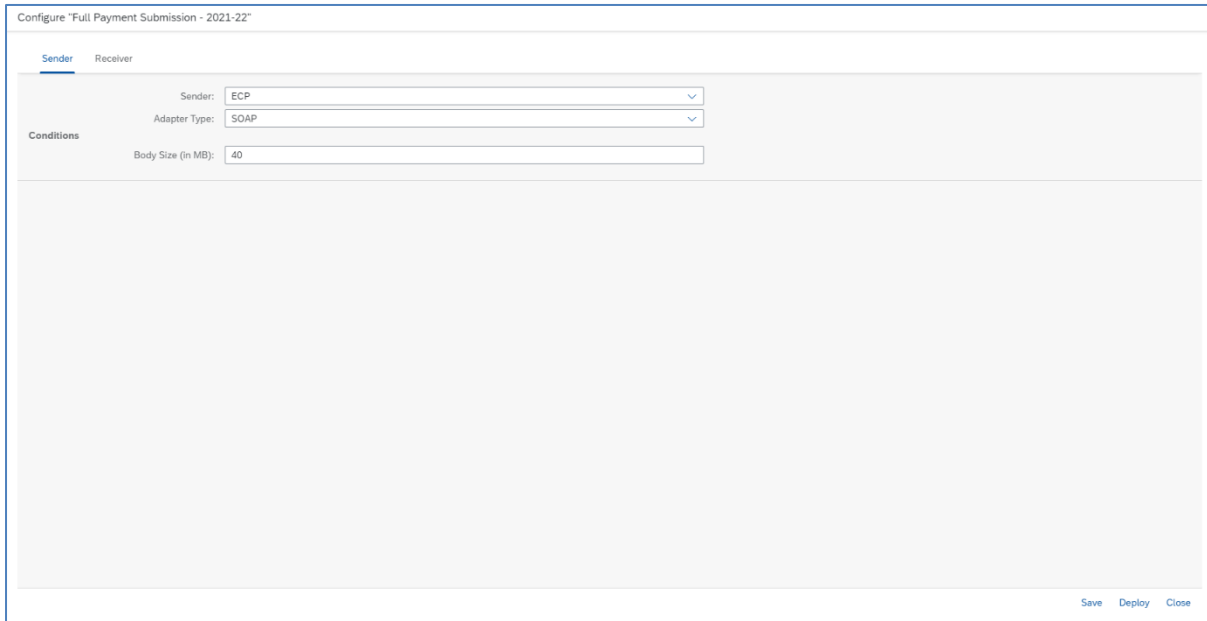
4. Change the relevant parameters on the *Receiver* tab page:



- o *Private Key Alias*

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

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



- o *Body Size (in MB)*

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

6. After changing the parameters, choose *Save*.
7. 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 SCI 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*.



4. Change parameters on the *Receiver* tab page.
 - 4.1 Configure parameters for Receiver Token:

← Configure "Data Provisioning Service"

Receiver

Receiver: ▼

Adapter Type: ▼

Address:

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:

← Configure "Data Provisioning Service"

Receiver

Receiver: ▼

Adapter Type: ▼

Address:

Receiver

Select *Receiver_Retrieve* from the dropdown menu.

Adapter Type

Select *HTTP*.

Address

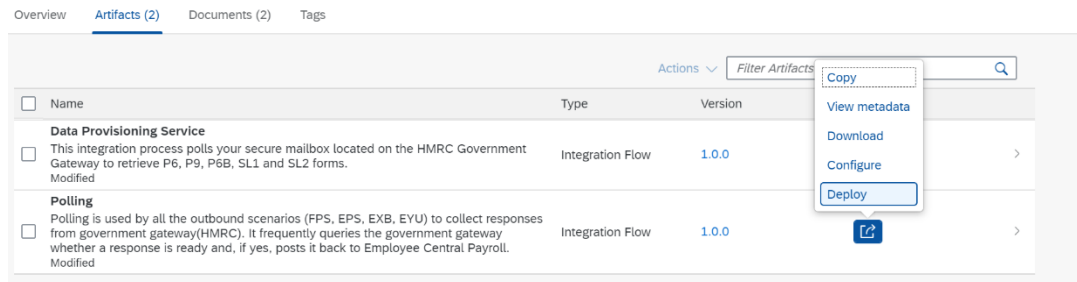
Enter the URL: <https://dps.ws.hmrc.gov.uk/dps/service>

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 SCI 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*.

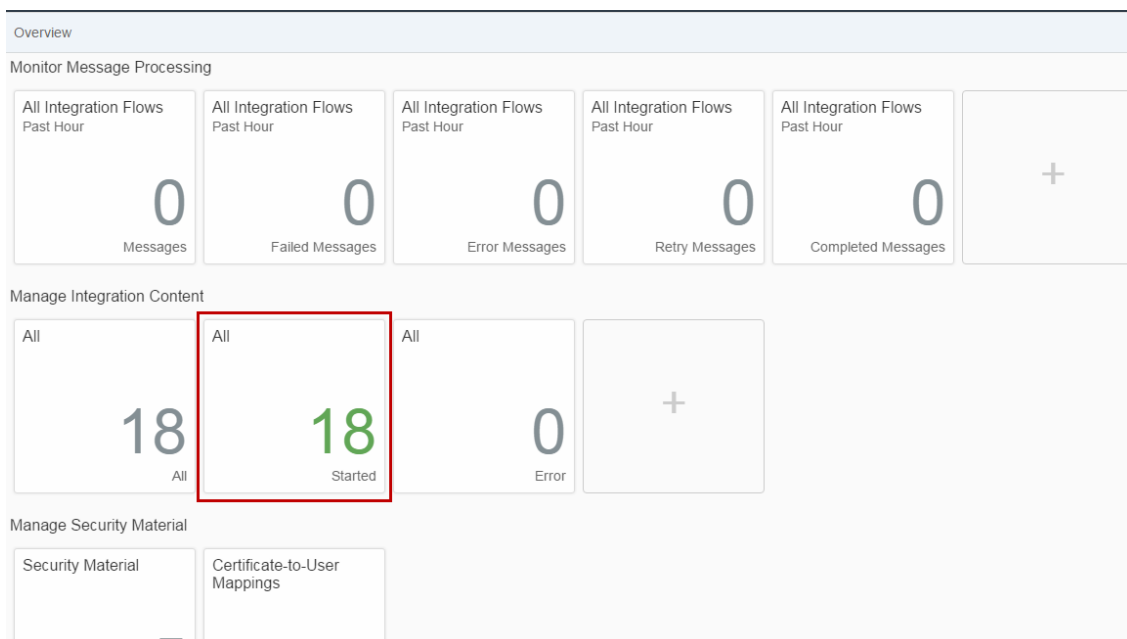


4. Repeat steps 1-3 for each of the Integration Flows in both packages.

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 SCI 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 Employee Central Payroll system.
 - a. Select the Integration Flow form the list.


The screenshot shows the 'Manage Integration Content' interface in SAP Integration Suite. On the left, a table lists various integration flows, all with a status of 'Started'. The selected flow is 'Expense And Benefit - 2018-19'. The main panel displays details for this flow, including deployment information and a list of endpoints. The endpoint URL is highlighted with a red box.



Name	Status
Expense And Benefit - 2018-19	Started
Earlier Year Update - 2018-19	Started
Full Payment Submission - 2019-20	Started
Employer Payment Summary - 2019-20	Started
Token Validation Online	Started
OAUTH Token Revoke	Started
OAUTH Token Validation	Started
OAAUTH Token	Started
Receiving Response for STP	Started



Expense And Benefit - 2018-19 Restart Undeploy Download



Deployed On: Jan 03, 2019, 10:32:22 ID: com.sap.gs.uk.ri.exb.18
Deployed By: I322214 Version: 1.0.0

Endpoints Status Details Artifact Details Log Configuration

<https://cd3gbp1-iffmap.hcisb.int.sap.hana.ondemand.com/cxf/HCI/PAYROLL/UK/EXB18-19> 

WSDL  

WSDL for ABAP consumer  

WSDL without policies  

Status Details

The Integration Flow is deployed successfully.

Artifact Details

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

4.2 Setup of Employee Central Payroll System

In the Employee Central payroll system, you need to configure the Web Services in SOA MANAGER through which the communication between Employee Central Payroll system and the Government Gateway via SCI can be established.

The following steps take the *Full Payment Submission (FPS) Report* (RPCFPSG0) 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_21 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_21_HCI_PORT, select the checkbox [Logical Port is Default](#), and click [Next](#).

New Manual Configuration of Logical Port for Consumer Proxy 'CO_HR_GB_EFO_FPS_OUT_21'

1 Logical Port Name 2 Consumer Security 3 HTTPSettings 4 SOAP Protocol 5 Identifiable Business Context 6 Operation Settings

Back Next Finish Cancel

General Configuration Settings

* Logical Port Name: Logical Port is Default:

Description:

6. Select [X.509 SSL Client Certificate](#). Select the [SSL Client PSE](#). Then click [Next](#).

Note

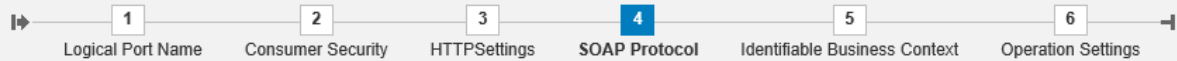
We recommend using the [X.509 SSL Client Certificate](#) to authenticate, as it is a more secure option. There is a prerequisite to use this, please check SAP note [2849283](#). For more information on setting up outbound connection, see [How to Setup Secure Outbound HTTP Connection using Keystore Monitor](#). For more information on setting up inbound connection, see [How to Setup Secure HTTP Inbound Connection with Client Certificates](#).

Note

When you select User ID/Password. Enter the User Name and Password of the SCI 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 SCI tenant on which your Integration Flow is deployed.
For example <https://...hana.ondemand.com/cxf/CPI/PAYROLL/UK/FPS/21-22>.
 - 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](#).

New Manual Configuration of Logical Port for Consumer Proxy 'CO_HR_GB_EFO_FPS_OUT_21'



Back Next Finish Cancel

Message ID (Synchronous)

Message ID Protocol: Suppress ID Transfer

Metering of Service Calls

Data transfer scope: Enhanced Data Transfer
 Transfer protocol: 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 Employee Central Payroll	Object Name	Port Name to be configured	URL access path	Comments
Full Payment Submission (FPS) - XXXX-XX	RPCFPSG0	CO_HR_GB_EFO_FPS_OUT_21	CO_HR_GB_EFO_FPS_OUT_21_HCI_PORT	/cxf/CPI/PAYROLL/UK/FPS/21-22	Object names and port names for these Integration Flows change every year. Therefore, you must reconfigure the proxies for these reports once every year .
Employer payment Summary (EPS) - XXXX-XX	RPCEPSG0	CO_HR_GB_EFO_EPS_OUT_21	CO_HR_GB_EFO_EPS_OUT_21_HCI_PORT	/cxf/CPI/PAYROLL/UK/EPS/21-22	
Expenses And Benefits (EXB) - XXXX-XX	RPCP11G0 (P11D)	CO_HR_GB_EFO_EXB_OUT_21	CO_HR_GB_EFO_EXB_OUT_HCI_PORT	/cxf/CPI/PAYROLL/UK/EXB/20-21	
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_STAR T_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

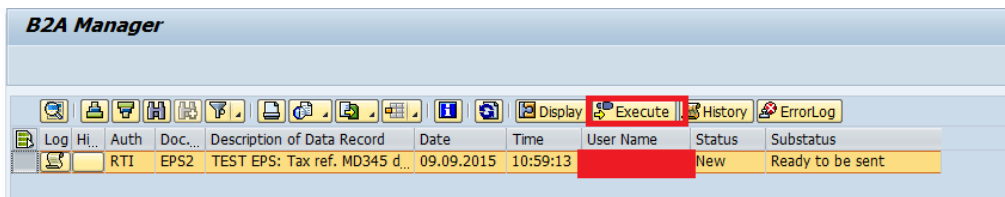
5.1 Prerequisites

Testing can only be performed from the production environment in Employee Central Payroll to the HMRC production system using the TEST IN LIVE option.

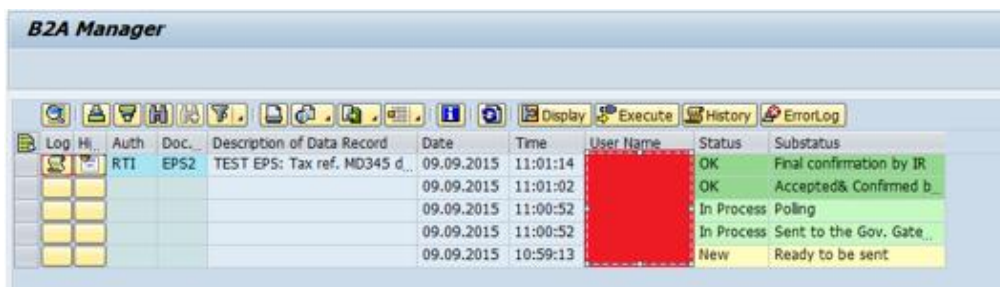
5.2 Testing outbound reports

Take the following steps to test the outbound reporting function. Here we use the **Employer Payment Submission (EPS) Report (RPCEPSG0)** as an example.

1. Go to transaction SE38.
2. Enter the report name `RPCEPSG0` 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.

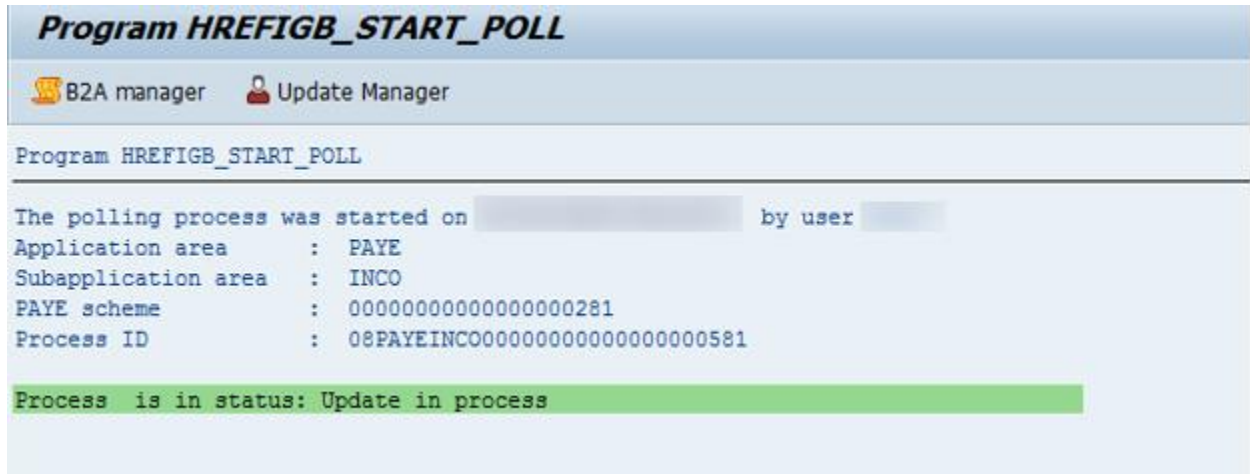


Follow the same procedure to test the other outgoing reports:

- RPCFPG0: Full Payment Submission (FPS) Report
- RPCP11G0: Summary of Taxable Benefits for End-of-Year Reporting (P11D)

5.3 Testing inbound report

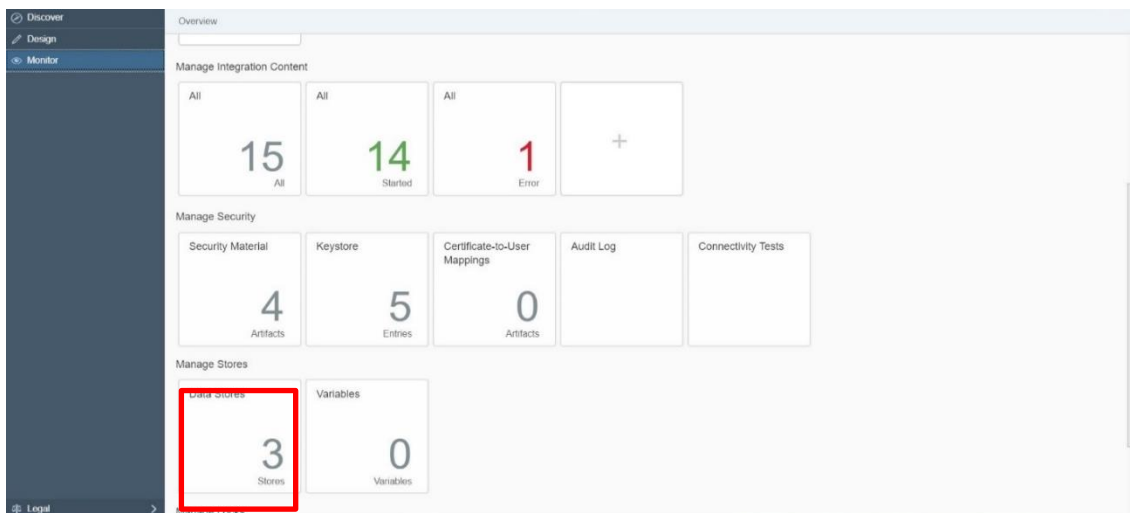
In the Employee Central Payroll system, execute the report `RPUEFI_START_POLL` to run the Data Provisioning scenario.



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

5.4 Verifying the payload

1. Navigate to SCI tenant and choose *Monitor* from the upper left-hand side
2. 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 'Manage Data Stores' interface. On the left, a list of data stores is displayed:

Data Store Name	Count	Overdue
EPS18-19 com.sap.gs.uk.rti.eps.18	6	1 Overdue
EPS19-20 com.sap.gs.uk.rti.eps.19	9	4 Overdue
EYU18-19 com.sap.gs.uk.rti.eyu.19	4	
FPS18-19 com.sap.gs.uk.rti.fps.18.TestPurpose	4	
FPS19-20 com.sap.gs.uk.rti.fps.19	13	

The main area displays the details for the selected 'EPS18-19' data store. It shows a 'Delete' button and a 'Download' button (highlighted with a red box). Below this is a table of entries:

ID	Status	Due At	Created At
bfce87ed-cc82-4f9f-8d07-05414db30e13	Waiting	Jan 04, 2019, 19:22:26	Jan 02, 2019, 19:22:26
Message ID: AFwshpk5_707Zz8jrgoXGUU0UYr			
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: AFwswbyP9USKA-DHuOjxuSv5Ap1			
Retain Until: Jan 17, 2019, 19:20:52			
fc9d086a-0319-4804-8579-737ef2793adc	Waiting	Jan 04, 2019, 18:00:56	Jan 02, 2019, 18:00:56
Message ID: AFwswBU1qO1fotd2q_374QUH6Hi			
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: AFwsvrOeJL0rEYLC6OTDIH0mVx0			

- 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: