

User Guide | V0 Import Journal Entries | Cloud FTP Location/Oracle Financials Cloud (ERP Cloud)

1. Introduction

a. Purpose

This document describes setting up an integration flow where a file from an FTP server is downloaded to the Oracle Integration Cloud, processed and sent to the Oracle Financials Cloud (ERP Cloud). This is a scheduled orchestration.

Then the application driven orchestration comes, where a log file is uploaded in the Oracle Integration Cloud, processed and uploaded back in the FTP server.

This flow is a combination of scheduled and application driven orchestrations.

It makes use of a standard FTP and Oracle ERP Cloud adapters in Oracle Integration Cloud.

b. Audience

This document is written for Oracle Financials Cloud (Oracle ERP Cloud) and FTP servers administrators who are configuring the integration between these two systems. Readers of this document should have experience with both.

This document describes only how to configure integrations of these two systems. For information about other configurations please see related documentation.

c. Prerequisites

This part describes the prerequisites for a successful integration.

Required Versions: A successful integration requires the following versions (or higher) of these products:

- Oracle Integration Cloud: 19.2.3.0.0 (190518.1400.28490)
- Oracle ERP Cloud: 19A (11.13.19.01.0)

Access Rights: To configure integration, you need to access three systems with required privileges:

- Oracle Integration Cloud Service, which enables you to map the attributes between Oracle Financials Cloud (Oracle ERP Cloud) and an FTP server.
- Oracle Financials Cloud (Oracle ERP Cloud), which enables you to configure receiving requests from an Invoke and to configure endpoint to send data from ERP to a Trigger.

Note: for ERP required privileges please see:

<https://docs.oracle.com/en/cloud/paas/integration-cloud/erp-adapter/prerequisites-creating-connection.html#GUID-B861559A-DECE-4F7B-82CA-AA48263CA159>

- FTP server, which enables you to configure receiving requests from an Invoke.

Assumptions: this integration makes the following functional assumptions:

- It is assumed that the FTP server is configured and accessible and that you have a folder and a file created in your FTP server.
- It is assumed that you know the file path in FTP and this path will be set in an Invoke component.
- It is assumed that user name is the same for Oracle ERP Cloud and for Oracle Integration Cloud

d. Architectural Overview

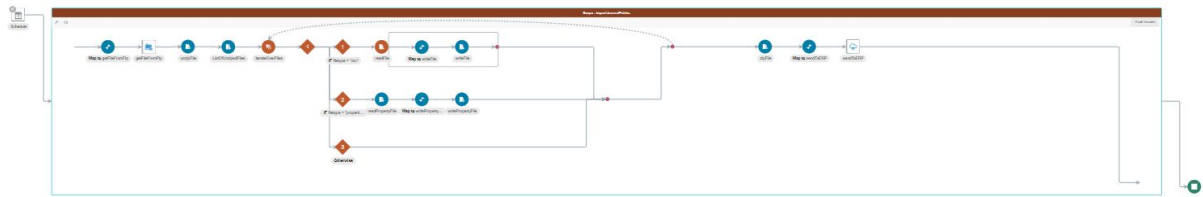
This integration is between the Oracle Financials Cloud (Oracle ERP Cloud) and an FTP server infrastructure.

The message flow of business data goes from FTP through Oracle Integration Cloud to Oracle Financial Cloud (Oracle ERP Cloud) and back to the FTP server.

Oracle Financials Cloud uses Oracle ERP Cloud adapter.

FTP uses FTP adapter for the Invoke.

Integration Scheme for a Scheduled Orchestration Part:



Integration Scheme Steps for a Scheduled Orchestration Part:

1. Schedule: containing parameters: FTPDirectoryToDownloadFrom, emailTo, filename.
2. Scope:
 - 2a. Mapping: mapping to get a file from an FTP server,
 - 2b. Invoke FTP: getting a file from the FTP server,
 - 2c. Stage File:
Operation: Unzip,
 - 2d. Stage File:
Operation: List Files,
 - 2e. For Each:
Repeating Element: ICS File
Current Element Date: ICSFile,
 - 2f. Switch:
RouteA: file type = CSV:
A1: Stage File:
Operation: Read
Segmentation: Enabled,

A2: Mapping: mapping to write a file,

A3: Stage File:

Operation: Write,

RouteB: file type = properties:

B1: Stage File:

Operation: Read

Segmentation: Disabled,

B2: Mapping: mapping to write property file,

B3: Stage File:

Operation: Write,

RouteC: otherwise,

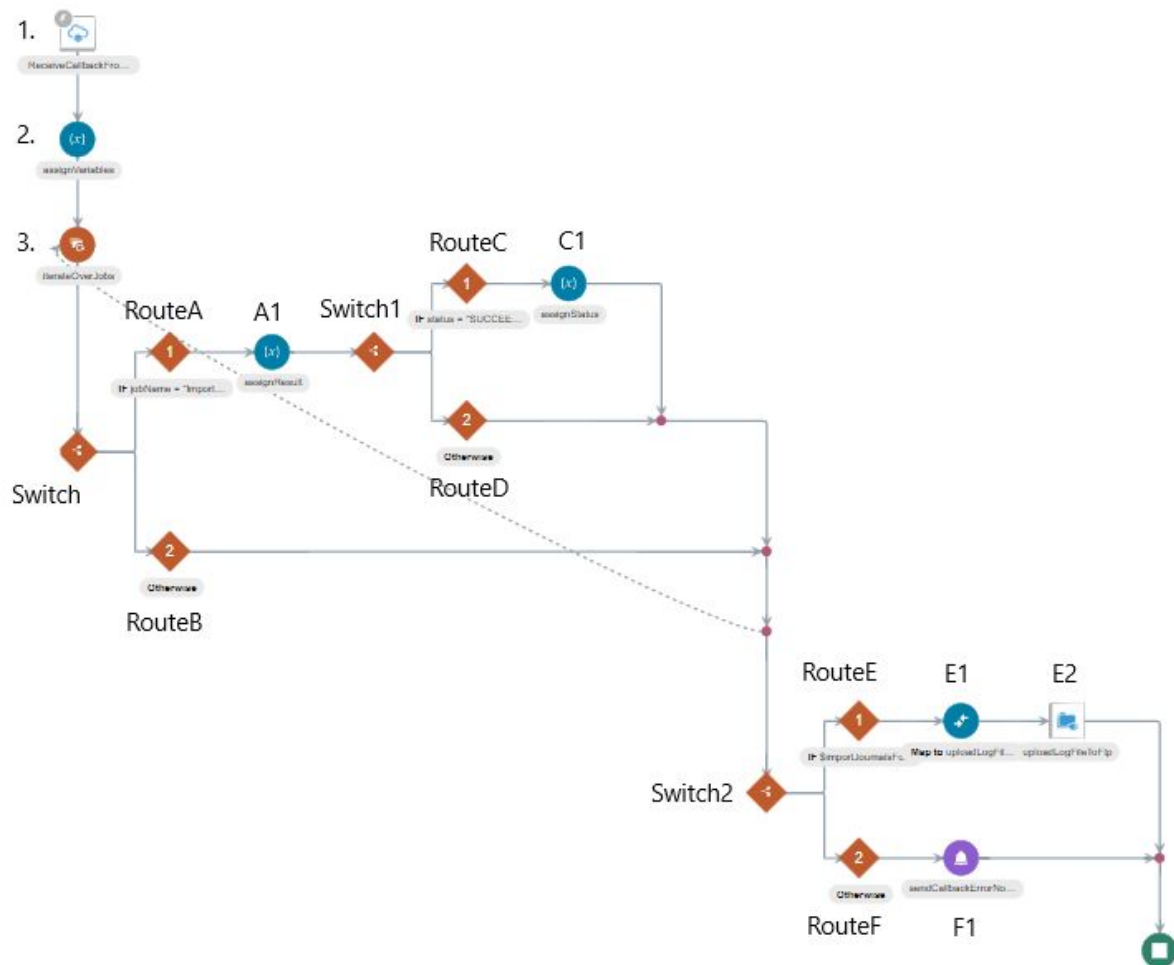
2g: Stage File:

Operation: Zip,

2h: Mapping: mapping to send files to ERP,

2i: Invoke Oracle ERP Cloud: sending file to ERP.

Integration Scheme for Import Journal Callback - an Application Driven Orchestration:



Integration Scheme Steps for Import Journal Callback - an Application Driven Orchestration:

1. Trigger Oracle ERP Cloud: receiving callback from ERP.
2. Assign variables: assigning values to the following variables: importJournalsFound, importJournalsSuccess.

Note: These are pre-set.

3. For Each:

Repeating Elements: jobs,

Current Element Name: job.

4. Switch:

RouteA: Job Name = Import Journals.

A1: Assign variables: assigning value to the following variable:
importJournalsFound.

Note: This value is pre-set.

RouteB: otherwise.

5. Switch1:

RouteC: Import Journals process succeeded

C1: Assign: assigning value to importJournalsSuccess

RouteD: otherwise

6. Switch2:

RouteE: Import Journals process succeeded and Import Journals Found

E1: Mapping: mapping to upload log file to the FTP server

E2: Invoke FTP: uploading a log file to the FTP server

RouteF: otherwise

F1: Import journal callback integration error notification

e. Features

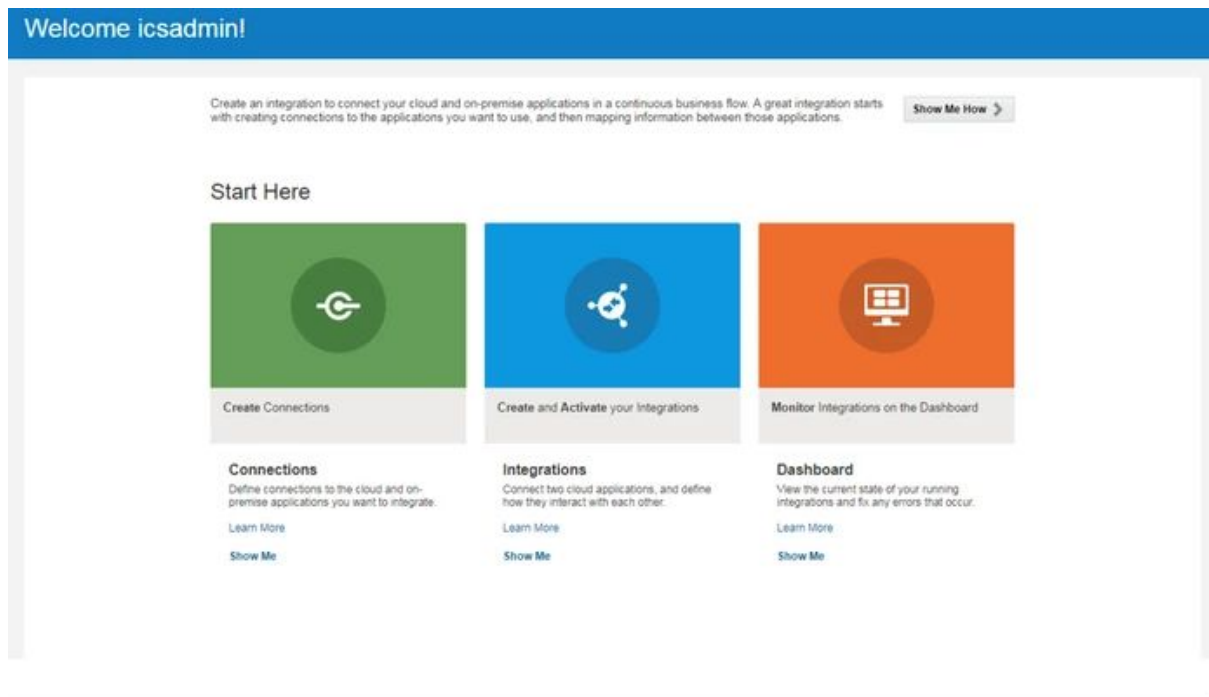
This product is a ready-made integration between Oracle Financials Cloud (Oracle ERP Cloud) and an FTP Server. It is easily installed and requires minimal configuration.

2. Configuring connections

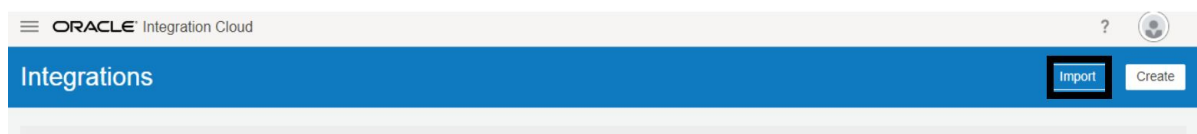
For the integration to work properly, you need to configure connections for the applications among which you want to share data.

1. **Download** the Integration package from Oracle Marketplace to your local disk.

2. **Log in** to your OIC service as an admin user and open the “Integrations” page.



3. On the top right, click Import, then select “.iar”. Click **Import** to import the archive to your OIC from your local disk, as shown below.



4. Once imported you will see the integration flow created.

You must **configure the connections** for the Oracle Financials Cloud (ERP Cloud) - a Trigger and an Invoke and an Invoke for your FTP Server. To do this, follow these steps:

a. Oracle ERP Cloud Trigger and/or Invoke Connection:

- a. **Log in** your account at the Oracle Integration Cloud Service home page using a valid user name and password and click **Connections**.
- b. Find the appropriate connection. **Open** it.
- c. Fill in the email address in the **Connection Administrator**. (You can receive email notifications when problems or changes occur in this connection. Enter the email address to receive these notifications.).

d. Configure **Connection Properties**: Click **Configure Connectivity** (on the right hand side of Connection Properties) -> Enter information for

- **ERP Services Catalog WSDL URL:**

`https://<yourERPInstance>/fscmService/ServiceCatalogService?WSDL`

- **ERP Events Catalog URL (optional):**

`https://<yourERPInstance>/soa-infra`

- **Interface Catalog URL:**

`https://<yourERPInstance>/fscmRestApi/otherResources/latest/interfaceCatalogs`

e. Configure Connection **Security**: Click **Configure Security** (on the right hand side of Security to specify the login credentials to access your application/endpoint) ->

- **Security Policy**: Select - **Username Password Token**

f. Configure **Security Credentials**:

- **Username**
- **Password**
- **Confirm Password**

Note: these are your **Oracle ERP Cloud** credentials.

g. Click **OK**.

h. Click **Save**.

i. Click **Test**:

If **successful**, the progress indicator shows 100%.

If your connection was **unsuccessful**, an **error message** is displayed with details.

Verify that the configuration details you entered are correct.

j. When complete, click **Save**, then click **Close**.

b. FTP Invoke Connection:

a. **Log in** your account at the Oracle Integration Cloud Service home page using a valid user name and password and click **Connections**.

b. Find the appropriate connection. **Open** it.

c. Fill in the email address in the **Connection Administrator**. (You can receive email notifications when problems or changes occur in this connection. Enter the email address to receive these notifications.).

d. Configure **Connection Properties**: Click **Configure Connectivity** to specify information to connect to your application/endpoint and process requests.

Enter information for:

- **FTP Server Host Address**: add your FTP Server Host Address
- **FTP Server Port**: add your FTP Server Port
- **SFTP Connection** select: **Yes** or **No** according to your connection.
- **SFTP Key Exchange Algorithm** select: your **Key Exchange Algorithm** according to your connection.
- **FTP Server Time Zone** select: **your time zone**.

Click **OK**.

e. Configure Connection **Security**: Click **Configure Security** to specify the login credentials to access your application/endpoint.

- **Security Policy** select: FTP Server Access Policy
- **User Name**
- **Password**
- **Confirm Password**

Note: These are your **FTP** credentials.

- **ASCII-Armor Encryption Format** select: **Yes** or **No** according to your connection.
- **Cipher Algorithm** select: your **Cipher Algorithm** according to your connection.

f. Click **OK**.

g. Click **Save**.

h. Click **Test** to see whether the connection is working properly.

Select a test to be performed:

- **Diagnose & Test:** Performs the diagnosis to test the FTP/SFTP connectivity issues. Please be aware that complete diagnostic could take around 15 minutes.
- **Test:** Connects to FTP/SFTP server and validates the provided credentials.

If **successful**, the progress indicator shows 100%.

If your connection was **unsuccessful**, an **error message** is displayed with details.

Verify that the configuration details you entered are correct.

i. When complete, click **Save**, then click **Close**.

3. Configuring Oracle Financials Cloud (ERP Cloud) for the Integration

Financials Cloud (ERP Cloud) Trigger/Invoke system at your ERP instance:

- There is no need to configure Oracle Financials Cloud (ERP Cloud) for this integration flow.

4. Configuring FTP for the Integration

FTP Invoke System:

- You need to have a folder and a file in your FTP server - see **Assumptions** at 1c.

5. Configuring Integration

A. For the integration to work properly, you need to configure the following **parameters**:
FTPDirectoryToDownloadFrom, **emailTo**, **filename** where they refer to:

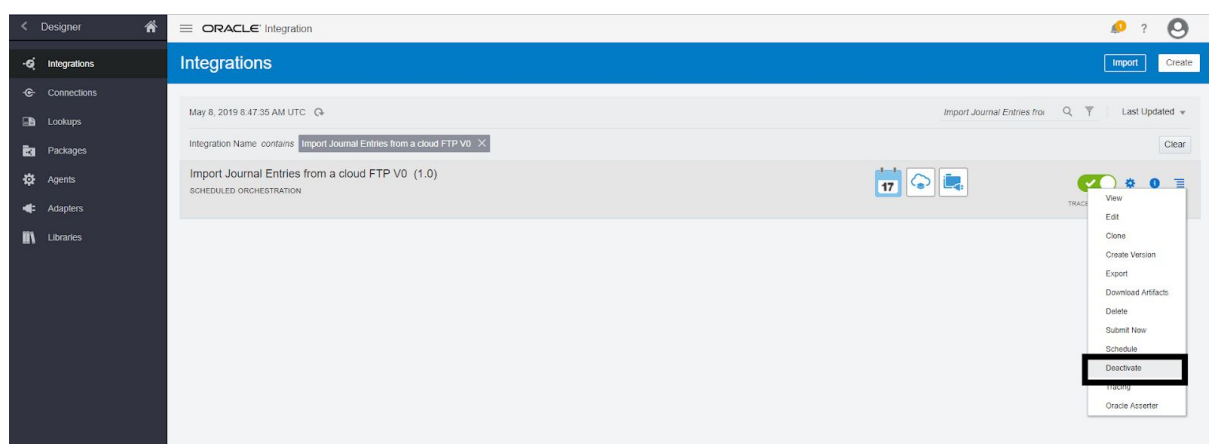
- **FTPDirectoryToDownloadFrom**: this is a folder in the FTP server, where the file with data and property file are downloaded from and uploaded to,
- **emailTo**: an email address, where all the notifications go should anything wrong happen within the integration process,
- **filename**: select a file name under which you will see this file in the FTP server,

Note: Scheduled parameters are available across all scheduled runs of an integration and can be used to facilitate processing of data from one run to the next. For example, when performing batch processing a schedule parameter can be used to track the current position of batched data between runs.

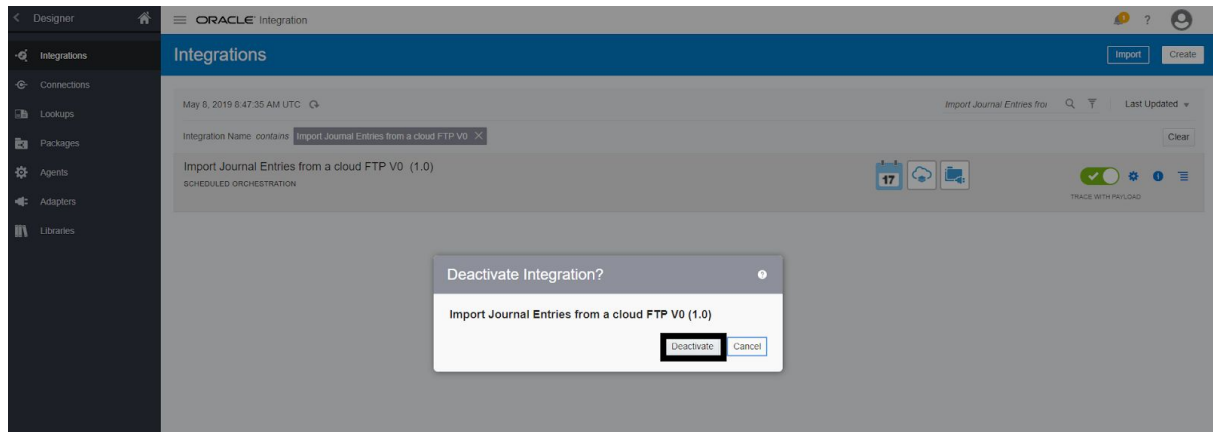
1. **Log in** to your OIC service as an admin user and open the “Integrations” page.
2. Select **Import Journal Entries from a cloud FTP V0 (V1)**.

Note: To configure the integration it must be deactivated.

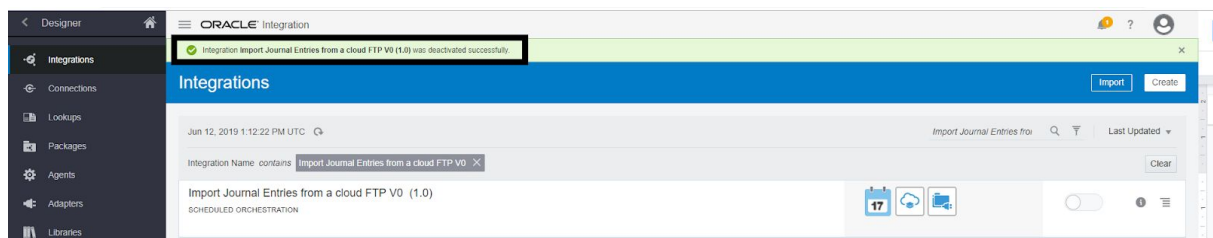
3. To deactivate the integration from the menu bars on the right select **Deactivate**.



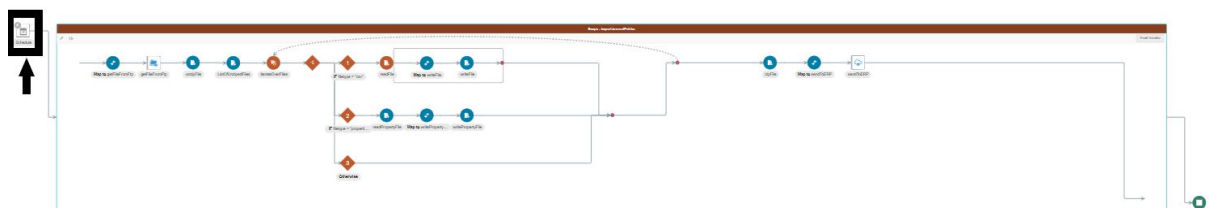
4. Deactivation window appears - select **Deactivate**.



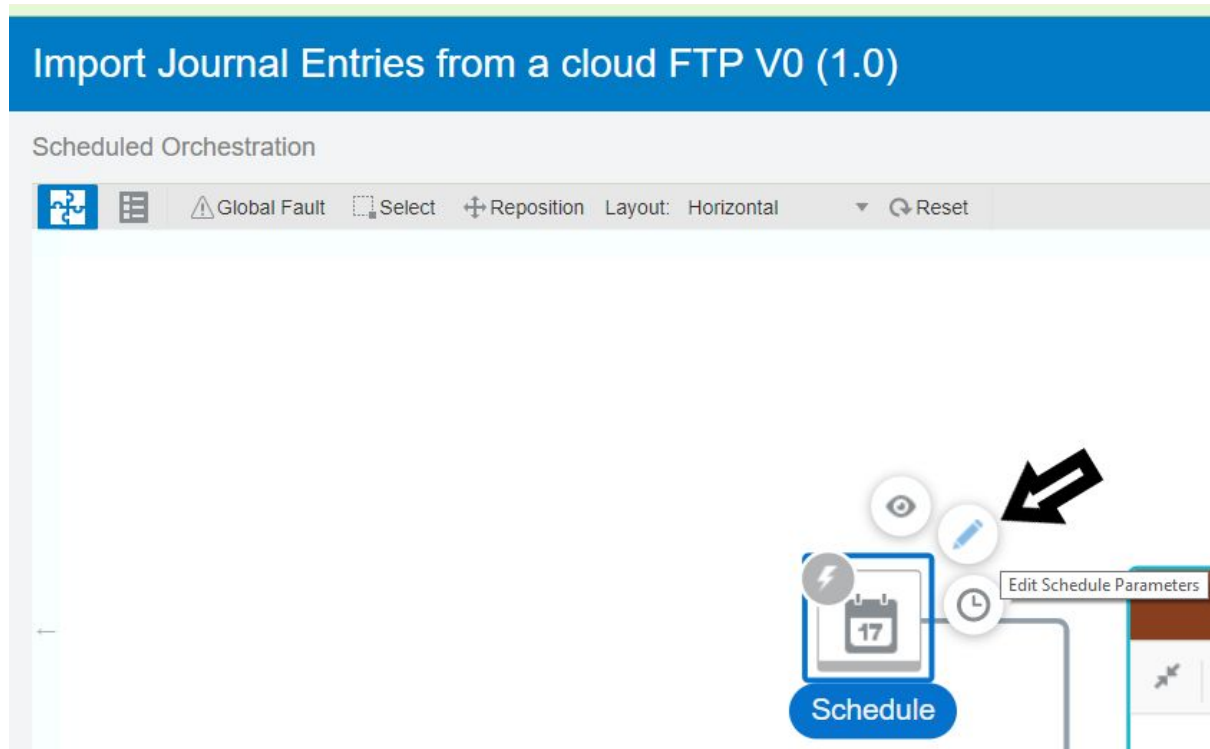
- When the integration is deactivated, the **confirmation** note appears. Click on the flow name to open it.



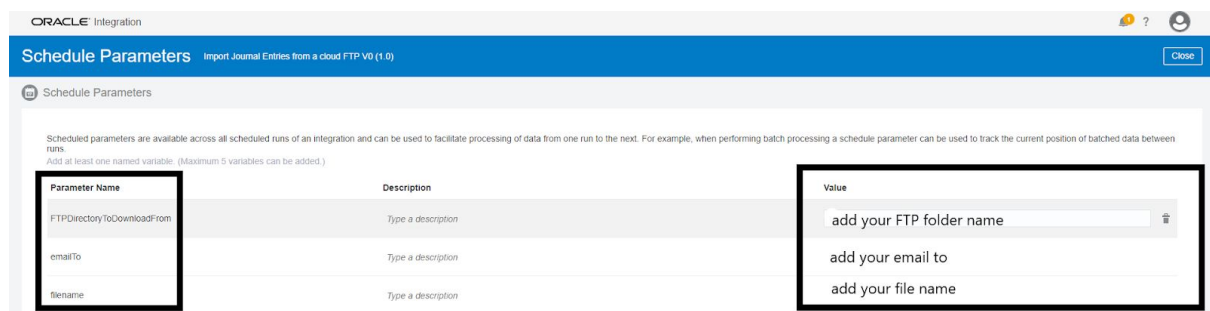
6. When it is opened select **Schedule** section.



7. Three little icons appear next to it - select a **pencil** icon for editing.



8. You will see the schedule parameters page, where in the value column click on the line for editing and adding values for the following parameters: FTPDirectoryToDownloadFrom, emailTo, filename. When done, click **Close** and **Save**.



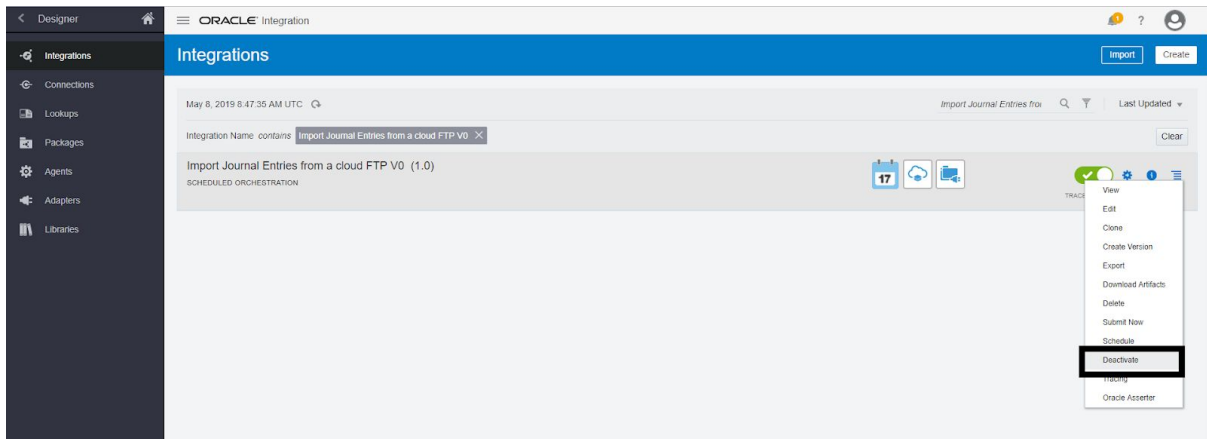
B. To set up the **schedule**, please follow these steps (Note: there are 3 possibilities to do so):

B1: Setting the Schedule via Integration

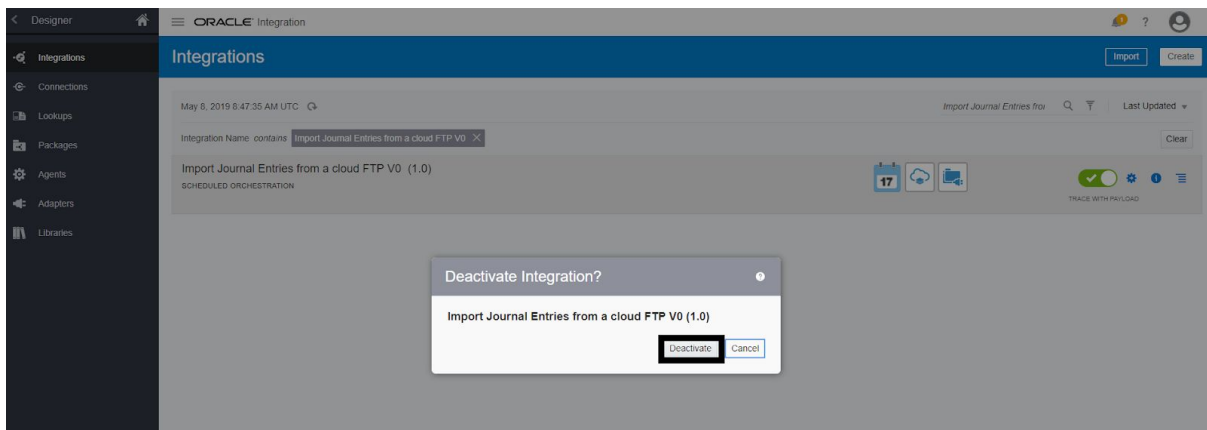
- **Log in** to your OIC service as an admin user and open the “Integrations” page.
- Select **Import Journal Entries from a cloud FTP V0 (V1)**.

Note: To configure the integration it must be deactivated.

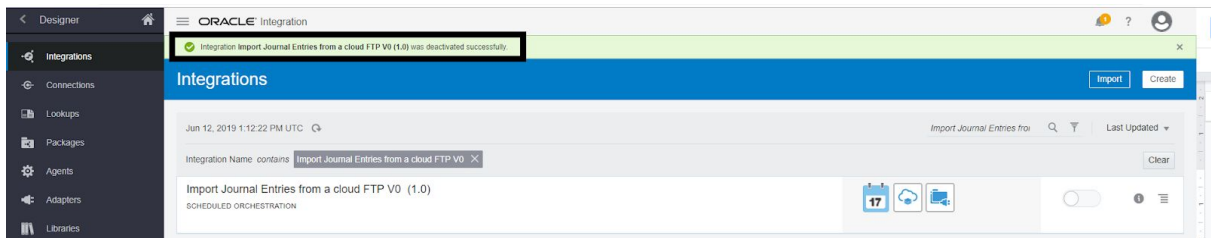
- To deactivate the integration from the menu bars on the right select **Deactivate**.



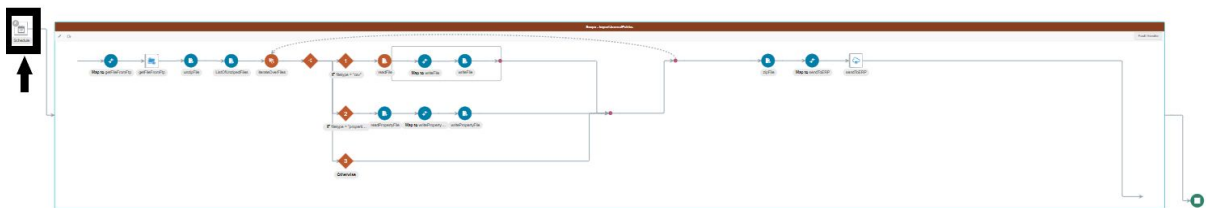
- Deactivation window appears - select **Deactivate**.



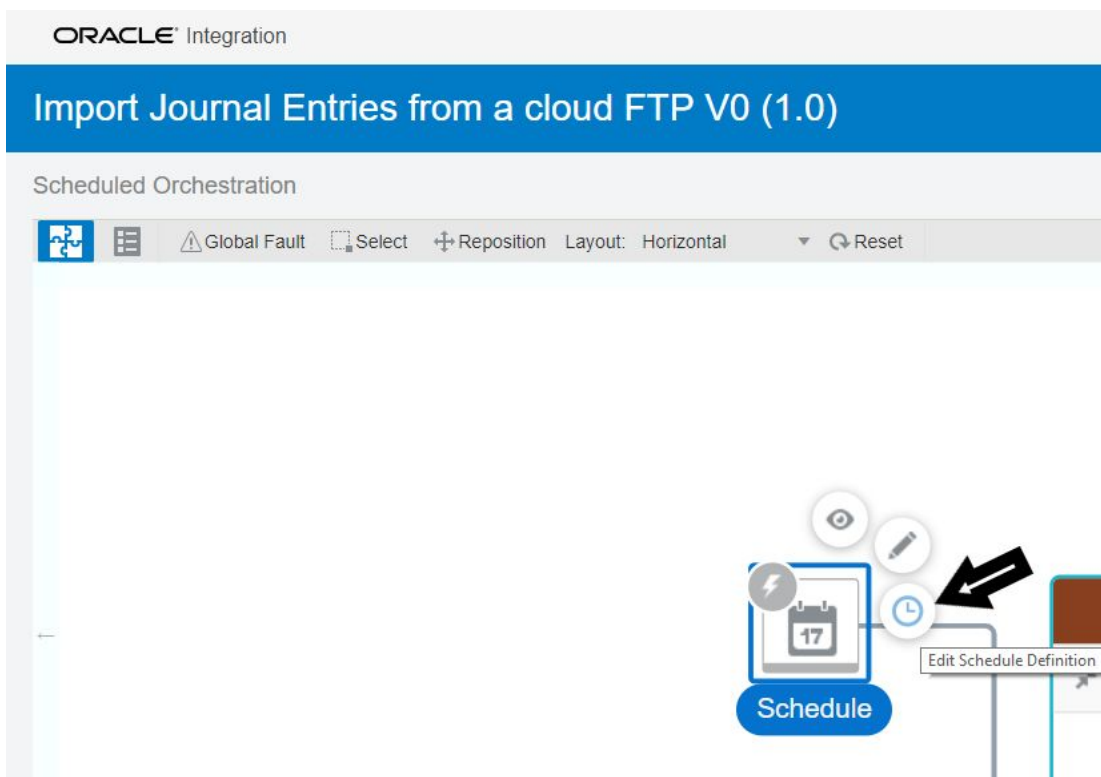
- When the integration is deactivated, the **confirmation** note appears. Click on the flow name to open it.



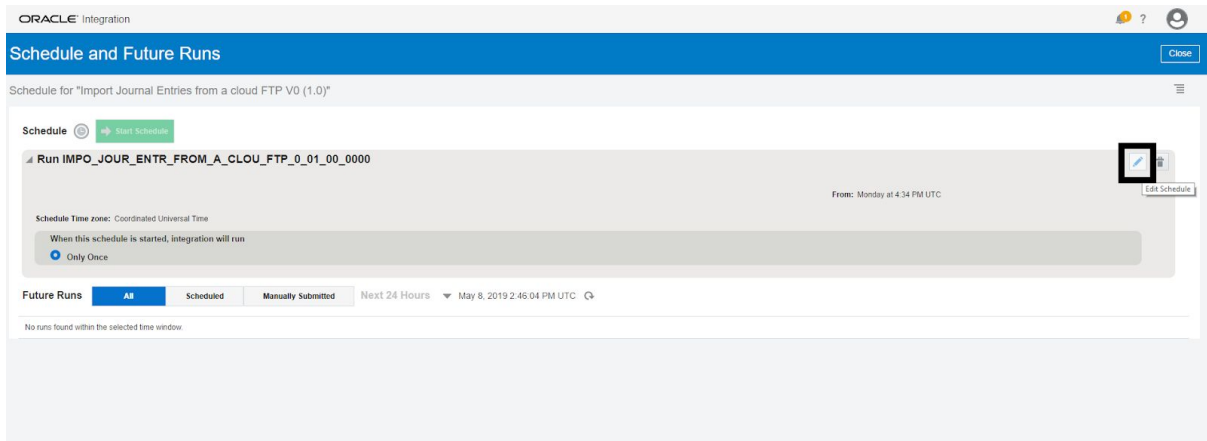
- When it is opened select **Schedule** section.



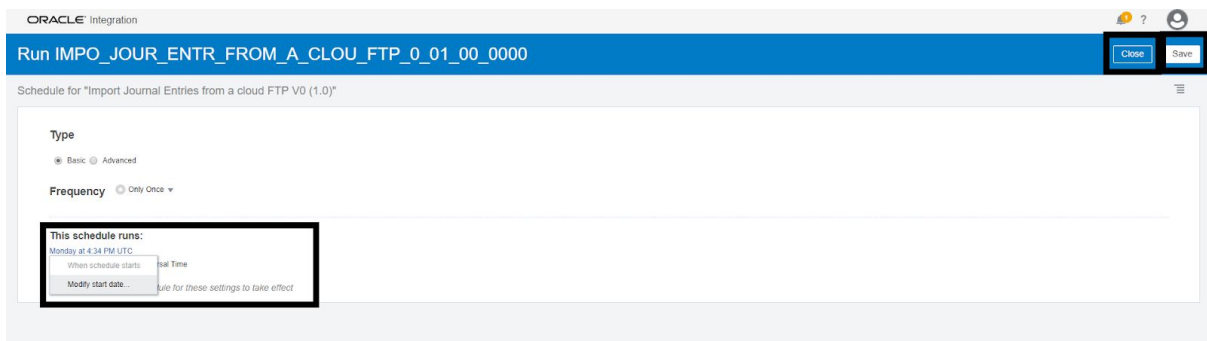
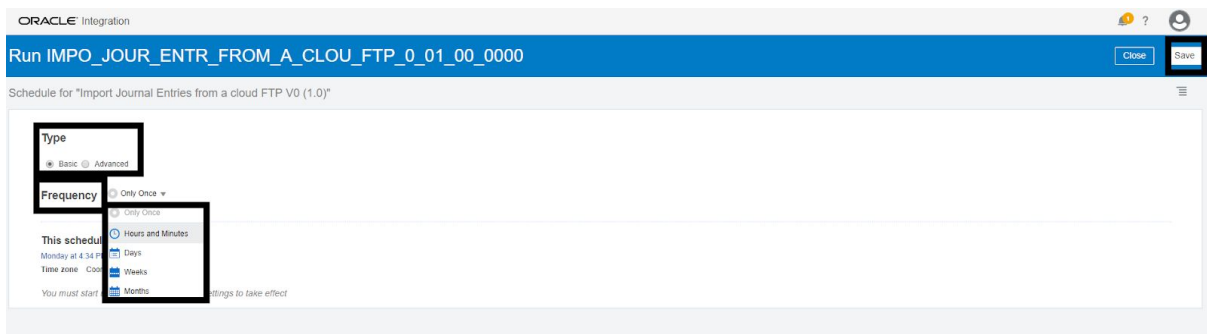
- Three little icons appear next to it - select a **clock** icon for editing.



- Click on the little **pencil** icon on the top right hand side for editing.

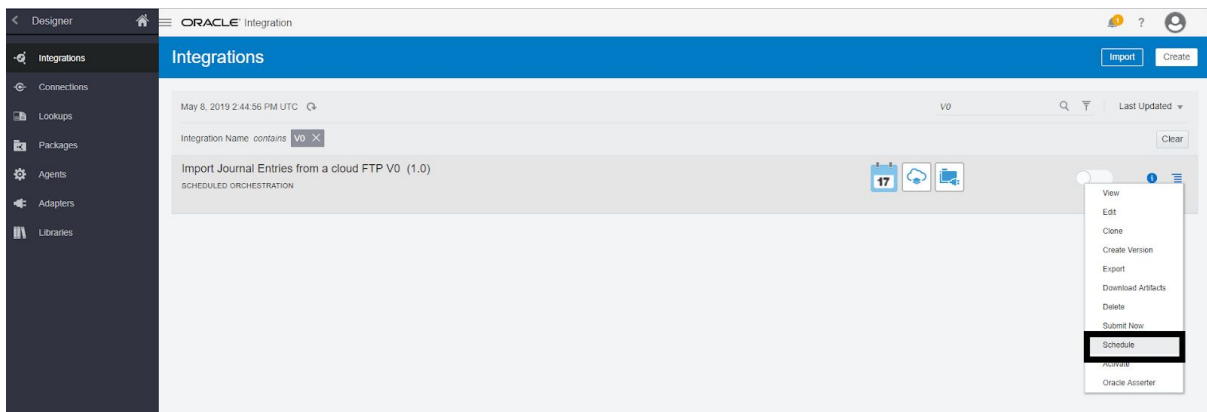


- Select **Type**, **Frequency** and **Scheduler Start Date** and click **Save** and **Close**.

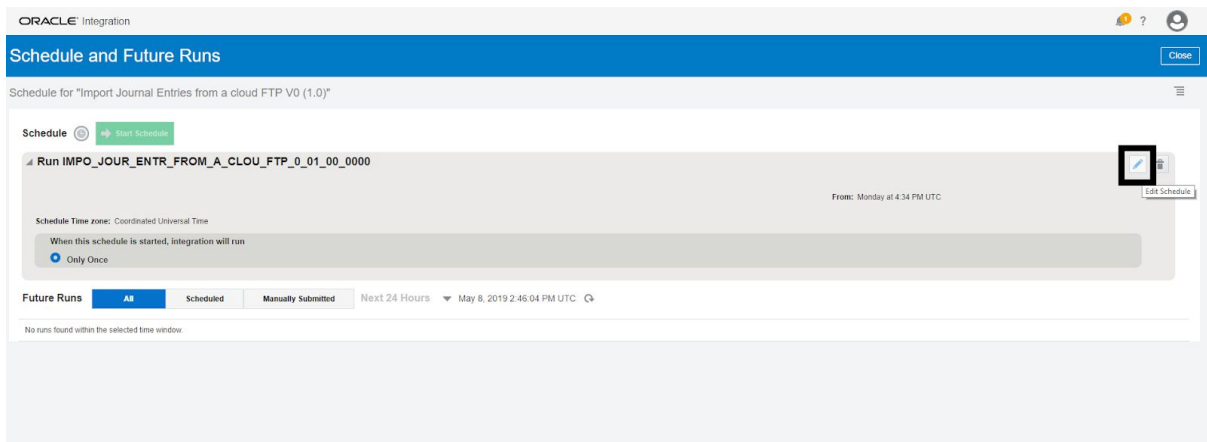


B2: Setting the schedule via the Actions bar:

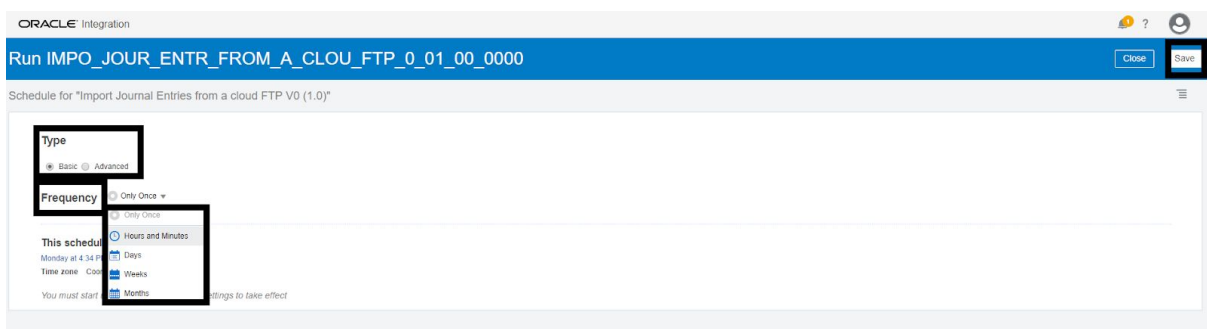
- On the integration page from the Actions bar select **Schedule** and click on it.

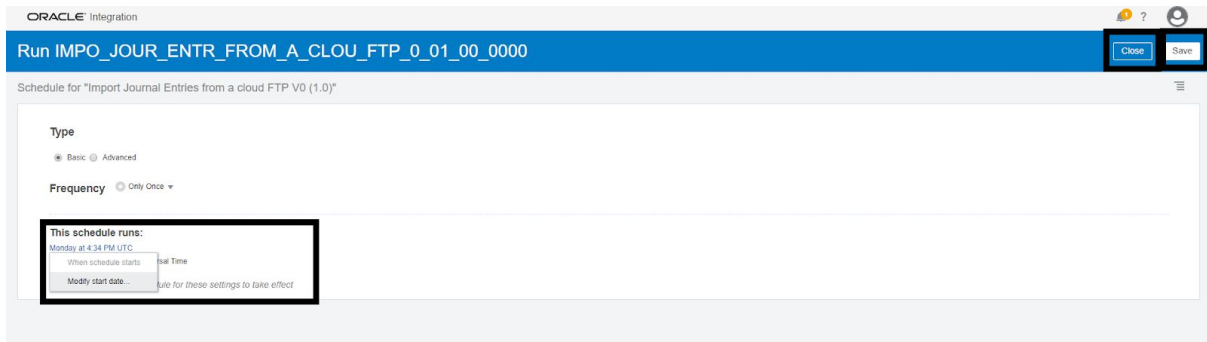


- Click on the little pencil icon on the top right hand side for editing.



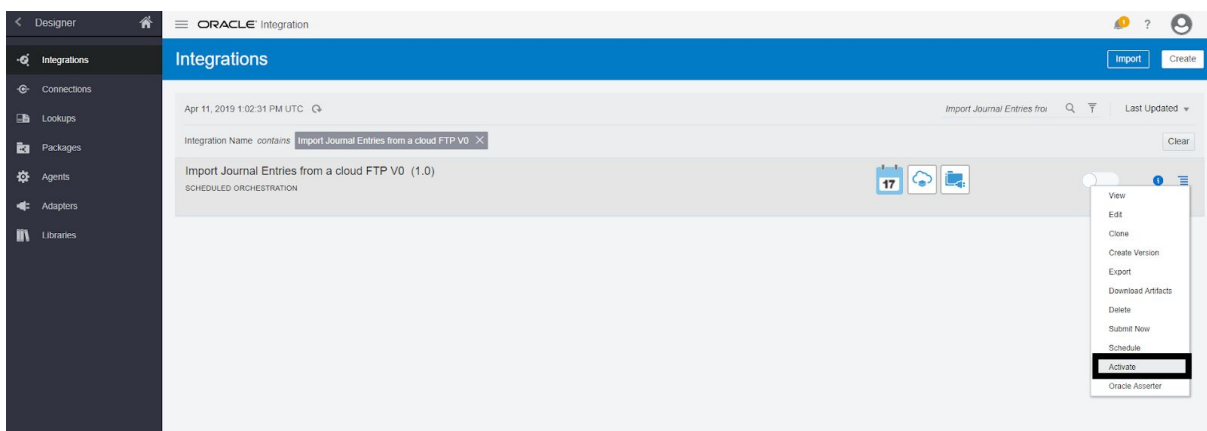
- Select **Type**, **Frequency** and **Scheduler Start Date** and click **Save** and **Close**.





B3. Setting the Schedule when Activating the flow:

- **Log in** to your OIC service as an admin user and open the “Integrations” page.
- Select the integration flow called **Import Journal Entries from a cloud FTP V0 (1.0)** and then select **Activate** from the Actions menu bar on the right hand.



- In the modal window select **Activate and Schedule**.

Activate Integration ?

Import Journal Entries from a cloud FTP V0 (1.0)

Schedule: A schedule can be defined to run this integration. To add it now, click "Activate and Schedule...". You can also [add it later](#).

Oracle Recommends

☒ Contribute integration mappings to Oracle Recommends.

i Oracle Integration leverages the collective intelligence to recommend which fields should be mapped while developing an integration. These recommendations are built based on the mappings contributed to Oracle Recommends anonymously. Unselect the checkbox if you do not wish to contribute the mappings. You may change this in recommendations page from settings menu.

[Learn More](#)

Oracle Asserter: When Asserter recording is enabled, payloads will be captured and integration instances will be recorded. Recordings can be played later and maximum five recordings will be maintained for an integration.

⚠ Oracle Asserter feature not supported for this integration. Please refer the documentation for supported types.

Tracing: When tracing is enabled, integration activity can be viewed in the Activity Stream.

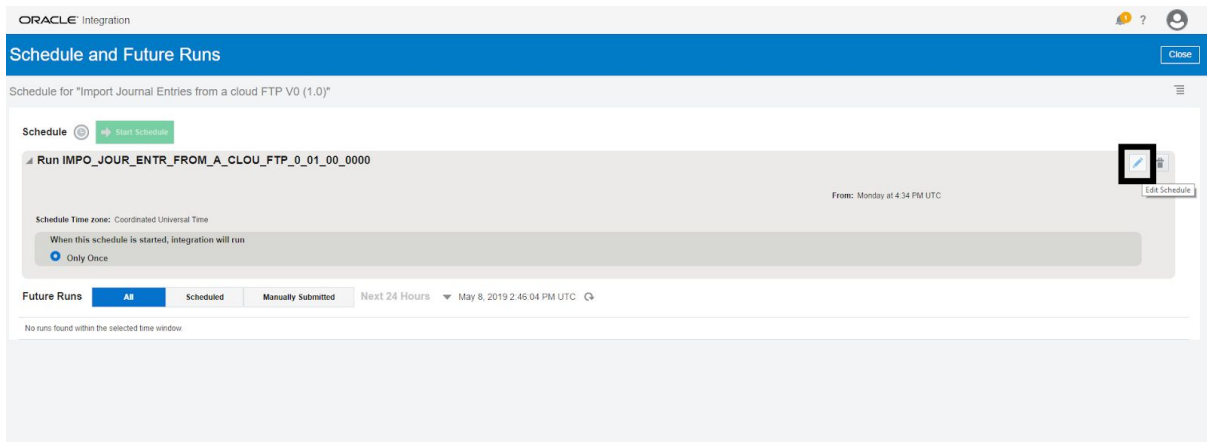
☐ Enable tracing

Activate and Schedule...

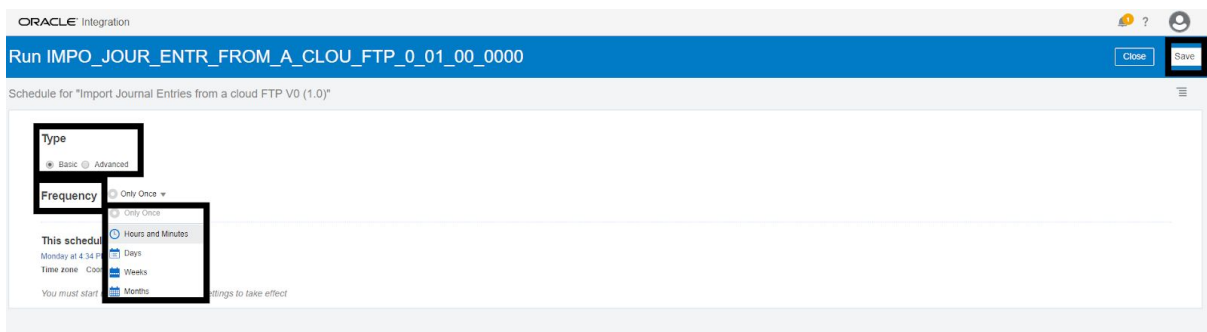
Activate

Cancel

- Click on the little **pencil** icon on the top right hand side for editing.



- Select **Type**, **Frequency** and **Scheduler Start Date** and click **Save** and **Close**.



C. You need to acquire a **Trust Certificate** and a **Message Protection Certificate**.

Certificates can be obtained via **EM of EDGV**. Please download the certificates and upload into your OIC instance as explained below:

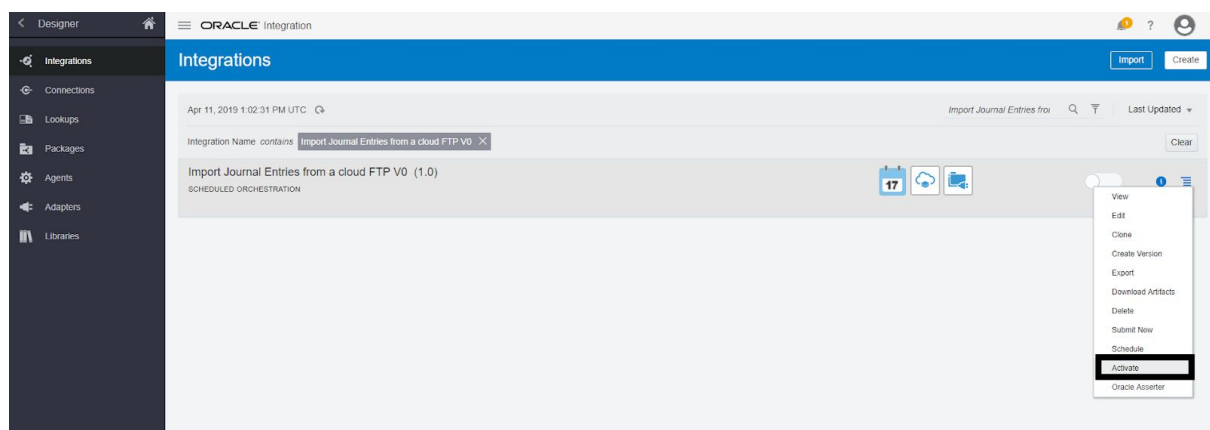
1. Go to OIC -> Integrations -> **Settings** -> **Certificates** -> **Upload** -> in the popup choose **Certificate Type** as "**Trust Certificate**" and upload certificate. The certificate could have a name e.g. like this: "**edgd_cloudca_TrustedCertificate.crt**"

2. Similarly choose “**Message Protection Certificate**” and upload remaining two certificates. They could be named e.g. like this: “**edgd_orakey_cloud9ca.crt**” and “**edgd_orakey_sign_cloud9ca.crt**”
3. For more information regarding Managing security certificates please refer to the following guide:
<https://docs.oracle.com/en/cloud/paas/integration-cloud/erp-adapter/prerequisites-creating-connection.html#GUID-C179F26D-7409-43D7-B87B-E508A1DF7314>

6. Activating Integration

Activating Import Journal Entries from a cloud FTP V0 (1.0)

1. **Log in** to your OIC service as an admin user and open the “Integrations” page.
2. Select the integration flow called **Import Journal Entries from a cloud FTP V0 (1.0)** and then select **Activate** from the menu bar on the right hand side - the on/off icon will go green when activated.



3. In the Activate Integration modal window select from the following options:

Select/unselect **Contribute integration mappings to Oracle Recommends**.

Note: Oracle Integration leverages the collective intelligence to recommend which fields should be mapped while developing an integration. These recommendations are built based on the mappings contributed to Oracle Recommends anonymously. Unselect the

checkbox if you do not wish to contribute the mappings. You may change this in recommendations page from settings menu.

- Select/unselect **Tracing** and **Payload**.

Note: When tracing is enabled, integration activity can be viewed in the Activity Stream.

Not recommended in a production environment.

Note: When payload is included, sensitive information from the payload is written into log files, which can be downloaded and viewed. This may pose a security risk, and also slow down your system.

Not recommended in a production environment.

- Select either **Activate** or **Activate and Schedule**.

Note: When selecting **Activate** the flow will be **activated**.

When selecting **Activate and Schedule** you will be redirected to the Schedule part of the flow where you can set up the schedule for this integration flow and it will be **activated**.

Activate Integration ?

Import Journal Entries from a cloud FTP V0 (1.0)

Schedule: A schedule can be defined to run this integration. To add it now, click "Activate and Schedule...". You can also [add it later](#).

Oracle Recommends

☒ Contribute integration mappings to Oracle Recommends.

i Oracle Integration leverages the collective intelligence to recommend which fields should be mapped while developing an integration. These recommendations are built based on the mappings contributed to Oracle Recommends anonymously. Unselect the checkbox if you do not wish to contribute the mappings. You may change this in recommendations page from settings menu.

[Learn More](#)

Oracle Asserter: When Asserter recording is enabled, payloads will be captured and integration instances will be recorded. Recordings can be played later and maximum five recordings will be maintained for an integration.

⚠ Oracle Asserter feature not supported for this integration. Please refer the documentation for supported types.

Tracing: When tracing is enabled, integration activity can be viewed in the Activity Stream.

☒ Enable tracing

☒ Include payload

⚠ When payload is included, sensitive information from the payload is written into log files, which can be downloaded and viewed. This may pose a security risk, and also slow down your system. Not recommended in a production environment.

[Learn More](#)

Activate and Schedule...ActivateCancel

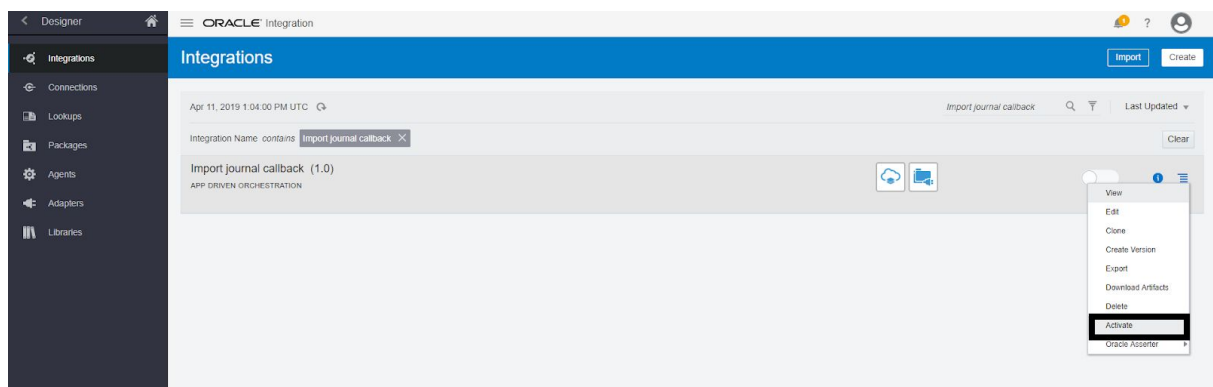
4. The **confirmation** note appears at the top, the flow is activated.



Note: After activating **Import Journal Entries from a cloud FTP V0 (1.0)** you have to also activate **Import Journal callback (1.0)** for the flow to work properly.

Activating Import Journal callback (1.0)

1. **Log in** to your OIC service as an admin user and open the “Integrations” page.
2. Select the integration flow called **Import journal callback (1.0)** and then select **Activate** from the menu bar on the right hand side - the on/off icon will go green when activated.



3. In the Activate Integration modal window select from the following options:

- Select/unselect **Contribute integration mappings to Oracle Recommends**.

Note: Oracle Integration leverages the collective intelligence to recommend which fields should be mapped while developing an integration. These recommendations are built based on the mappings contributed to Oracle Recommends anonymously. Unselect the

checkbox if you do not wish to contribute the mappings. You may change this in recommendations page from settings menu.

- Select/unselect **Oracle Asserter**.

Note: When Asserter recording is enabled, payloads will be captured and integration instances will be recorded. Recordings can be played later and maximum five recordings will be maintained for an integration.

- Select/unselect **Tracing** and **Payload**.

Note: When tracing is enabled, integration activity can be viewed in the Activity Stream.

Not recommended in a production environment.

Note: When payload is included, sensitive information from the payload is written into log files, which can be downloaded and viewed. This may pose a security risk, and also slow down your system.

Not recommended in a production environment.

Activate Integration ?

Import journal callback (1.0)

Oracle Recommends
☒ Contribute integration mappings to Oracle Recommends.

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[Learn More](#)

Oracle Asserter: When Asserter recording is enabled, payloads will be captured and integration instances will be recorded. Recordings can be played later and maximum five recordings will be maintained for an integration.
☒ Enable Asserter Recording

Tracing: When tracing is enabled, integration activity can be viewed in the Activity Stream.
☒ Enable tracing
☒ Include payload

⚠ When payload is included, sensitive information from the payload is written into log files, which can be downloaded and viewed. This may pose a security risk, and also slow down your system. Not recommended in a production environment.

[Learn More](#)

ActivateCancel

7. Appendix - Mappings

Mappings for Import Journal Entries from a cloud FTP V0 (1.0):

a. Mapping to get a file from an FTP server

Name	Source	Target
Map to getFileFromFtp	\$fileName	/nstrgmpr:DownloadFileToICS/ns1:DownloadRequest/ns1:filename
	\$FTPDiretoryToDownloadFrom	/nstrgmpr:DownloadFileToICS/ns1:DownloadRequest/ns1:directory

b. Mapping to write a file

Name	Source	Target
Map to writeFile	\$readFile/nsmpr3:ReadResponse/ns5:GeneralLedger/ns5:record	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry
	ns5:C1	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry/ns8:C1
	ns5:C2	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry/ns8:C2
	ns5:C3	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry/ns8:C3
	ns5:C4	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry/ns8:C4
	ns5:C5	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry/ns8:C5
	'USD'	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry/ns8:currency
	ns5:C7	/nstrgmpr:Write/ns8:GeneralLedger/ns8:Entry/ns8:C7

	ns5:C8	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C8
	ns5:C9	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C9
	ns5:C10	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C10
	ns5:C11	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C11
	ns5:C12	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C12
	ns5:C13	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C13
	ns5:C14	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C14
	ns5:C15	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C15
	ns5:C16	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C16
	ns5:C17	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C17
	ns5:C18	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C18
	ns5:C19	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C19
	ns5:C20	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C20
	ns5:C21	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C21
	ns5:C22	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C22
	ns5:C23	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C23
	ns5:C24	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C24
	ns5:C25	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C25
	ns5:C26	/nstrgmpr:Write/ns8:General

		Ledger/ns8:Entry/ns8:C26
	ns5:C27	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C27
	ns5:C28	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C28
	ns5:C29	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C29
	ns5:C30	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C30
	ns5:C31	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C31
	ns5:C32	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C32
	ns5:C33	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C33
	ns5:C34	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C34
	ns5:C35	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C35
	ns5:C36	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C36
	ns5:C37	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C37
	ns5:C38	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C38
	ns5:C39	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C39
	ns5:C40	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C40
	ns5:C41	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C41
	ns5:C42	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C42
	ns5:C43	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C43
	ns5:C44	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C44

	ns5:C45	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C45
	ns5:C46	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C46
	ns5:C47	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C47
	ns5:C48	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C48
	ns5:C49	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C49
	ns5:C50	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C50
	ns5:C51	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C51
	ns5:C52	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C52
	ns5:C53	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C53
	ns5:C54	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C54
	ns5:C55	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C55
	ns5:C56	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C56
	ns5:C57	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C57
	ns5:C58	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C58
	ns5:C59	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C59
	ns5:C60	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C60
	ns5:C61	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C61
	ns5:C62	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C62
	ns5:C63	/nstrgmpr:Write/ns8:General

		Ledger/ns8:Entry/ns8:C63
	ns5:C64	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C64
	ns5:C65	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C65
	ns5:C66	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C66
	ns5:C67	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C67
	ns5:C68	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C68
	ns5:C69	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C69
	ns5:C70	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C70
	ns5:C71	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C71
	ns5:C72	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C72
	ns5:C73	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C73
	ns5:C74	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C74
	ns5:C75	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C75
	ns5:C76	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C76
	ns5:C77	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C77
	ns5:C78	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C78
	ns5:C79	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C79
	ns5:C80	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C80
	ns5:C81	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C81

	ns5:C82	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C82
	ns5:C83	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C83
	ns5:C84	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C84
	ns5:C85	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C85
	ns5:C86	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C86
	ns5:C87	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C87
	ns5:C88	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C88
	ns5:C89	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C89
	ns5:C90	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C90
	ns5:C91	/nstrgmpr:Write/ns8:General Ledger/ns8:Entry/ns8:C91

c. Mapping to write property file

Name	Source	Target
Map to writePropertyFile	\$readPropertyFile/nsmpr3:ReadResponse/ns5:list/ns5:record	/nstrgmpr:Write/ns9:list/ns9:record
	ns5:C1	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C1
	ns5:C2	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C2
	ns5:C3	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C3
	ns5:C4	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C4

	ns5:C5	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C5
	ns5:C6	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C6
	ns5:C7	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C7
	ns5:C8	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C8
	ns5:C9	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C9
	ns5:C10	/nstrgmpr:Write/ns9:list/ns9:record/ns9:C10

d. Mapping to send a file to ERP

Name	Source	Target
Map to sendToERP	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:FileReference	/nstrgmpr:importBulkData/ns trgdf:importBulkData/ns0:ICSFile/ns0:FileReference
	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:Properties/ns0:filetype	/nstrgmpr:importBulkData/ns trgdf:importBulkData/ns0:ICSFile/ns0:Properties/ns0:filetype
	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:Properties/ns0:directory	/nstrgmpr:importBulkData/ns trgdf:importBulkData/ns0:ICSFile/ns0:Properties/ns0:directory
	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:Properties/ns0:filename	/nstrgmpr:importBulkData/ns trgdf:importBulkData/ns0:ICSFile/ns0:Properties/ns0:filename
	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:Properties/ns0:lastModifiedTime	/nstrgmpr:importBulkData/ns trgdf:importBulkData/ns0:ICSFile/ns0:Properties/ns0:lastModifiedTime
	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:Properties/ns0:creationTime	/nstrgmpr:importBulkData/ns trgdf:importBulkData/ns0:ICSFile/ns0:Properties/ns0:creationTime

	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:Properties/ns0:size	/nstrgmpr:importBulkData/ns0:ICSFile/ns0:Properties/ns0:size
	\$zipFile/nsmpr3:ZipResponse/ns8:ZipResponse/ns0:ICSFile/ns0:Properties/ns0:checksum	/nstrgmpr:importBulkData/ns0:ICSFile/ns0:Properties/ns0:checksum

Mappings for Import journal callback (1.0):

- a. Mapping to upload a log file to FTP

Name	Source	Target
Map to uploadLogFileToFtp	concat (concat (dvm:lookupValue ("tenant/resources/dvms/ImportJournalV0", "Property_name", "uploadFileName", "Property_value", ""), concat ("_", xp20:format-dateTime (fn:current-dateTime(), "[YYYY]-[MM]-[DD]-[HH]-[mm]-[ss]"))), ".zip")	/nstrgmpr:WriteFile/nstrgmpr:OutboundFTPHeaderType/ns4:fileName
	dvm:lookupValue ("tenant/resources/dvms/ImportJournalV0", "Property_name", "outputDirectoryOnFTP", "Property_value", "")	/nstrgmpr:WriteFile/nstrgmpr:OutboundFTPHeaderType/ns4:directory
	/nssrcmpr:onJobCompletion/ns2:onJobCompletionRequest/ns0:ICSFile/ns0:FileReference	/nstrgmpr:WriteFile/ns0:ICSFile/ns0:FileReference
	/nssrcmpr:onJobCompletion/ns2:onJobCompletionRequest/ns0:ICSFile/ns0:Properties/ns0:filetype	/nstrgmpr:WriteFile/ns0:ICSFile/ns0:Properties/ns0:filetype
	/nssrcmpr:onJobCompletion/ns2:onJobCompletionRequest/ns0:ICSFile/ns0:Properties/	/nstrgmpr:WriteFile/ns0:ICSFile/ns0:Properties/directory

	ns0:directory	
	/nssrcmpr:onJobCompletion/ ns2:onJobCompletionReques t/ns0:ICSFile/ns0:Properties/ ns0:filename	/nstrgmpr:WriteFile/ns0:ICSFi le/ns0:Properties/ns0:filenam e
	/nssrcmpr:onJobCompletion/ ns2:onJobCompletionReques t/ns0:ICSFile/ns0:Properties/ ns0:lastModifiedTime	/nstrgmpr:WriteFile/ns0:ICSFi le/ns0:Properties/ns0:lastMo difiedTime
	/nssrcmpr:onJobCompletion/ ns2:onJobCompletionReques t/ns0:ICSFile/ns0:Properties/ ns0:creationTime	/nstrgmpr:WriteFile/ns0:ICSFi le/ns0:Properties/ns0:creatio nTime
	/nssrcmpr:onJobCompletion/ ns2:onJobCompletionReques t/ns0:ICSFile/ns0:Properties/ ns0:size	/nstrgmpr:WriteFile/ns0:ICSFi le/ns0:Properties/ns0:size
	/nssrcmpr:onJobCompletion/ ns2:onJobCompletionReques t/ns0:ICSFile/ns0:Properties/ ns0:checksum	/nstrgmpr:WriteFile/ns0:ICSFi le/ns0:Properties/ns0:checks um