Informatica

Informatica® Cloud Data Integration

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Oracle Financials Cloud Connector

Informatica Cloud Data Integration Oracle Financials Cloud Connector
...
October 2022

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Preface

Use the Oracle Financials Cloud Connector to learn how to read from or write to the Oracle Financials Cloud application by using Cloud Data Integration. Learn to create a connection, develop and run mappings and mapping tasks in Cloud Data Integration.

Informatica Resources

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To get the latest documentation for your product, browse the Informatica Knowledge Base at https://kb.informatica.com/_layouts/ProductDocumentation/Page/ProductDocumentSearch.aspx.

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https://network.informatica.com/community/informatica-network/products/cloud-integration

To find resources on using Application Integration (the Informatica Cloud Real Time service), access the community at:

https://network.informatica.com/community/informatica-network/products/cloud-integration/cloud-application-integration/content

Developers can learn more and share tips at the Cloud Developer community:

https://network.informatica.com/community/informatica-network/products/cloud-integration/cloud-developers

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https://marketplace.informatica.com/community/collections/cloud_integration

Data Integration Connector Documentation

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CHAPTER 1

Introduction to Oracle Financials Cloud Connector

You can use Oracle Financials Cloud Connector to connect to Oracle Financials Cloud application from Data Integration. Use Oracle Financials Cloud Connector to read data from or write data to the Oracle Financials Cloud application.

You can use the Oracle Financials Cloud Connector in a Source transformation, Target transformation, and midstream transformation in a mapping task.

You can switch mappings to advanced mode to include transformations and functions that enable advanced functionality.

Oracle Financials Cloud Connector assets

Create assets in Data Integration to integrate data using Oracle Financials Cloud Connector.

When you use Oracle Financials Cloud Connector, you can include the following Data Integration assets:

- Mapping
- Mapping task

For more information about configuring assets and transformations, see *Mappings*, *Transformations*, and *Tasks* in the Data Integration documentation.

The following lists are the supported Oracle Financials Cloud object types that you can include in a read operation:

- Payable Transactions Extract
- Receivable Transactions Extract
- Receipt Analysis Extract
- Receivable Billing History Extract
- Custom Extract
- Receivable Adjustment Extract
- Journal Extract
- Payment Extract
- Trial Balance Extract

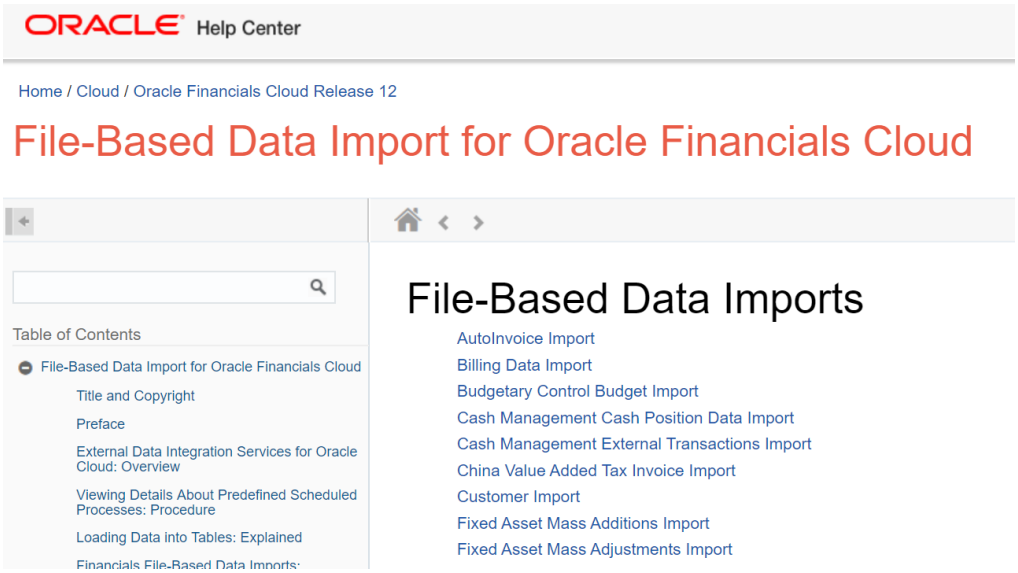
The following lists are the supported Oracle Financials Cloud object types that you can include in a write operation:

- AutoInvoice Import
- Billing Data Import
- Budgetary Control Budget Import
- Cash Management Cash Position Data Import
- Cash Management External Transactions Import
- China Value Added Tax Invoice Import
- Customer Import
- Fixed Asset Mass Additions Import
- Fixed Asset Mass Adjustments Import
- Fixed Asset Mass Retirements Import
- Fixed Asset Mass Transfers Import
- Import Account Combinations
- Import General Ledger Budget Balances
- Import Previous Year Tax Report Data
- Import Segment Values and Hierarchies
- Import Units of Production
- Import and Calculate Daily Rates
- Intercompany Transaction Import
- Journal Import
- Payables Standard Invoice Import
- Physical Inventory Interface
- Post Mass Update Descriptive Details
- Receivables Standard Receipt Import
- Revenue Basis Data Import
- Supplier Bank Account Import
- Tax Entry Repository Data Upload Interface

Administration of Oracle Financials Cloud Connector

Before you use Oracle Financials Cloud Connector to write data to the Oracle Financials Cloud application, you must perform the following prerequisite tasks:

1. Enter the following URL to open the **Oracle File-Based Data Import for Oracle Financials Cloud** page:
   https://docs.oracle.com/cloud/farel12/financialscs_gs/OEFBF/FBDIOverview.htm#FBDIOverview
   The following image shows the **Oracle File-Based Data Import for Oracle Financials Cloud** page:



2. Select the required operation that you want to use that are listed under the **File-Based Data Imports** section .
   The selected operation page appears.
3. Click the XLSM template file link to download the XLSM template file of the operation from the **File Links** section.
   The following images shows a sample XLSM template file link that you must download from the **File Links** section:



4. Ensure that you have access to the machine where the Secure Agent is installed or to the directory path that you have specified in the **IO Directory** connection property.
5. Place the XLSM template file in the following directory path that is specified in the **IO Directory** connection property: `IO Directory/Writer/Schema`
   For the following write objects, you must place the XLSM template file and the CTL file in the directory:
   - Billing Data Import
   - Revenue Basis Data Import

   Note: Retain the name of the XLSM template file or the CTL file when you create a mapping using the operation that you selected.

Obtain the ERP Endpoint URL

Before you create an Oracle Financials Cloud connection to read or write data from the Oracle Financials Cloud application, you must obtain the ERP Endpoint URL of the Oracle Financials Cloud application.

Perform the following steps to obtain the ERP Endpoint URL:

1. In the Oracle Financials Cloud application, click **Navigator**.
2. Click **Developer Connect** in the **Tool** section.
3. In the **WebServices** section, type **ERP Integration Service** in the **Find** field.
   The **Web Service: ERP Integration Service: Summary** page appears that displays the ERP Endpoint URL. The following example shows a sample ERP Integration Service end point URL:

   ```
   https://adc-fap0011-fin.oracledemos.com:443/publicFinancialCommonErpIntegration/ErpIntegrationService
   ```

4. Edit the URL by removing the following path: `443/publicFinancialCommonErpIntegration/ErpIntegrationService`
   The following URL is a sample of the ERP Endpoint URL:`https://adc-fap0011-fin.oracledemos.com`

CHAPTER 2

Oracle Financials Cloud Connections

Create an Oracle Financials Cloud connection to connect to the Oracle Financials Cloud application. Use Oracle Financials Cloud connection to read data from and write data to the Oracle Financials Cloud application. You can use an Oracle Financials Cloud connections to specify sources or targets in mappings and mapping tasks.

You can create an Oracle Financials Cloud connection in the **Connections** page.

Oracle Financials Cloud Connections Properties

The following table describes the Oracle Financials Cloud connection properties:

Connection Property	Description
Runtime Environment	The name of the runtime environment where you want to run the tasks.
Authentication	Select **Oracle Financials Cloud**.
ERP Endpoint URL	The endpoint URL of ERP server of the Oracle Financials Cloud application.
Authentication Type	Select the authentication method that the connector must use to login to the Oracle Financials Cloud application. You can select **Basic Authentication** type.
Username	User name of the Oracle Financials Cloud account.
Password	Password for the Oracle Financials Cloud account.

Connection Property	Description
IO Directory	The directory path where the schema files and data are stored on the machine where the Secure Agent is installed. You must click the **Test** button after you create an Oracle Financials Cloud connection. The Secure Agent creates following directories under the IO directory: - **Reader**: The reader directory contains an **Output** sub-directory. The CSV file that you download from the Oracle Financials Cloud application are downloaded as a zip file and stored in the following directory: `IO Directory\Reader\Output` **Note:** You can override the directory path where you download the CSV file in the **Outbound_Output_Directory** advanced property field. - **Writer**: The writer directory contains **Logs** and **Schema** sub-directories. You must place all the XLSM and CTL files after you download them in the following directory: `IO Directory \Writer\Schema` - **Temp**: The temp directory contains a **WorkingDirectory** sub-directories that contains the staging files before loading.
Encryption Mode	Method you want to use to encrypt or decrypt the data based on the encryption method. Select one of the following options: **NONE** The data is not encrypted. **PGPUNSIGNED** Select this option to encrypt the data using the PGP encryption method. You must use the same encryption key that you configured in the Oracle Financials Cloud application. **PGPSIGNED** Select this option to encrypt and sign the data using the PGP encryption method. **Note:** Use this property when you run a mapping to write data to a target.
PassPhrase	Provide the passphrase that you use to encrypt the private key. **Note:** Use this property when you use the PGPSigned encryption method and run a mapping to write data to a target.
PrivateKey Path	The file path where the private key is stored on the machine where the Secure Agent is installed. You must provide the private key corresponding to the public key that you uploaded in Oracle Financials Cloud application. **Note:** Use this property when you use the PGPSigned encryption method and run a mapping to write data to a target.
ERP Public Key Path	The file path where the fusion public key is stored on the machine where the Secure Agent is installed. You must raise a service request to Oracle Financials Cloud to retrieve the fusion public key. **Note:** Use this property when you run a mapping to write data to a target. For more information about the fusion public key, refer the Oracle documentation.

Connection Property	Description
ERP Private Key Alias Name	The fusion key alias name that you have generated with the Private-Public key pair in the Oracle Financials application. **Note:** Use this property when you run a mapping to write data to a target.
Customer Public Key Alias Name	The customer public key alias name that you have uploaded with the public key in the Oracle Financials application. **Note:** Use this property when you use the PGPSigned encryption method and run a mapping to write data to a target.

CHAPTER 3

Mappings and mapping Tasks with Oracle Financials Cloud Connector

When you configure a mapping, you describe the flow of data from the source to the target.

A mapping defines reusable data flow logic that you can use in mapping tasks.

When you create a mapping, you define the Source, Target, and Lookup transformations to represent a Google Drive object. Use the Mapping Designer in Data Integration to add the Source, Target, or Lookup transformations in the mapping canvas and configure the Snowflake Data Cloud source, target, and lookup properties. In advanced mode, the Mapping Designer updates the mapping canvas to include transformations and functions that enable advanced functionality.

You can use Monitor to monitor the jobs.

Oracle Financials Cloud Source Objects Transformation in Mappings

When you configure a Source transformation, select an Oracle Financials Cloud connection and choose an Oracle Financials Cloud operation to represent an Oracle Financials Cloud source.

When you read data from the Oracle Financials Cloud application and write data to a target, the target contains only the status of the read operation. The CSV files are downloaded as a zip in the following directory on the machine that runs the Secure Agent: `IO Directory\Reader\Output`

To access the CSV files, you must have the access to the directory or the machine that runs the Secure Agent.

Source Transformation Properties

You can use one or more Source transformations in a mapping.

General

Use to configure the name and a description for the source.

Source

Use to select the connection and operation, and to configure the request options and advanced source properties.

Field Mapping

Use to map elements of the response structure with the output fields.

Fields

Use to edit the source field metadata that you want to use in the mapping.

Oracle Financials Cloud Advanced Source Properties in Mappings

In a mapping, you can configure or create a Source transformation and configure the advanced properties in the **Source** page of the Mapping Task wizard.

The following table describes the advanced properties that you can configure in a Source transformation:

Property	Description
Inbound_Parameter_List	Enter the values of the argument in order and use a comma to separate the argument values for the selected object. For example, enter the value in the following manner: 300000046975980,Balance Transfer,300000046975971,ALL,N,N,N **Note:** Use this property when you run a mapping to write data to a target.
Outbound_Output_Directory	Enter the directory path where you want to download the CSV files on the machine that runs the Secure Agent . By default, the CSV files are downloaded as a zip file in the `IO Directory\Reader\Output` directory. If you provide a directory path in this property, the Secure Agent downloads the CSV files in the directory path that you specify here and ignores the default directory path. **Note:** Use this property when you run a mapping to read data from a source.
Tracing Level	Amount of detail that appears in the log for the Source transformation. Use the following tracing levels: - Terse - Normal - Verbose Initialization - Verbose Default is normal.
Cache Size for Web Service Response (KB)	Memory available for the web service response. The cache size depends on the Oracle Financials Cloud module and response count size. If the web service response contains many rows or columns, you might want to increase the cache size. You can specify a maximum size of 99999 KB. Default is 1024 KB.

Source Transformation Mapping Example

You can map an Oracle Financials Cloud source to a target and use the mapping to perform a mapping task.

To read and download the data from the Oracle Financials Cloud application, perform the following tasks:

1. In Data Integration, click **New** > **Mapping** > **Create**.

   The **New Mapping** dialog box appears.
2. Enter a name and description for the mapping.
3. On the **Source** tab, perform the following steps:
   1. In the general properties, specify a name and description.
      The following image shows a sample of the Oracle Financials Cloud mapping:



   2. In the **Connection** field, select the configured Oracle Financials Cloud connection to connect to the Oracle Financials Cloud application.
   3. In the **Operation** field, select the required operation.

      Note: If you select the Custom Extract operation, you can provide your own custom arguments.
   4. In the **Request Options** section, click **Configure** to configure the request message.
      Specify the request message and attributes in the XML format. Request messages are different for each of the objects. When you read data from the Oracle Financials Cloud application, you can extract the data using the following extract modes:

      - FULL_EXTRACT

      - INCREMENTAL_EXTRACT

      - INCR_DATE_UPDATE

      - REGISTER_CUSTOM_EXTRACT

      - RERUN_MODE

      If you do not provide any argument value in the request message, the Secure Agent sets the P_EXTRACT_MODE extract mode to FULL_EXTRACT extract mode and sets the P_EXTRACT_NAME extract mode to the object name that you have selected.

      The following example shows a sample request message for the `Receivable Adjustment Extract` object:

```
<!--1 or more repetitions:-->
<proc:REQUEST_MESSAGE_INPUT xmlns:proc="http://xml.schemas/infa/procedure/">
  <!--1 or more repetitions:-->
  <P_ORG_ID>
    300000046987012
  </P_ORG_ID>
  <!--1 or more repetitions:-->
  <P_ORDER_BY>
    ADJUSTMENT_NUMBER
  </P_ORDER_BY>
  <!--1 or more repetitions:-->
  <P_ADJ_NUMBER_LOW>
    <!--STRING-->
  </P_ADJ_NUMBER_LOW>
  <!--1 or more repetitions:-->
```

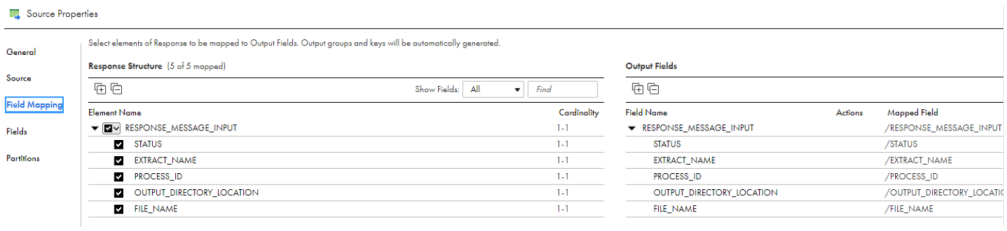
```
<P_ADJ_NUMBER_HIGH>
  <!--STRING-->
</P_ADJ_NUMBER_HIGH>
<!--1 or more repetitions:-->
<P_TRX_NUMBER_LOW>
  <!--STRING-->
</P_TRX_NUMBER_LOW>
<!--1 or more repetitions:-->
<P_TRX_NUMBER_HIGH>
  <!--STRING-->
</P_TRX_NUMBER_HIGH>
<!--1 or more repetitions:-->
<P_TAX_REGISTRATION_NUMBER>
  <!--STRING-->
</P_TAX_REGISTRATION_NUMBER>
<!--1 or more repetitions:-->
<P_EXTRACT_MODE>
  FULL_EXTRACT
</P_EXTRACT_MODE>
<!--1 or more repetitions:-->
<P_INCR_EXPORT_DATE>
  <!--DATE-->
</P_INCR_EXPORT_DATE>
<P_EXTRACT_DATE_FROM>
  <!--DATE-->
</P_EXTRACT_DATE_FROM>
<!--1 or more repetitions:-->
<P_EXTRACT_DATE_TO>
  <!--DATE-->
</P_EXTRACT_DATE_TO>
<!--1 or more repetitions:-->
<P_EXTRACT_NAME>
  ReceivablesAdjustmentsExtract
</P_EXTRACT_NAME>
<!--1 or more repetitions:-->
<P_PARENT_EXTRACT_NAME>
  <!--STRING-->
</P_PARENT_EXTRACT_NAME>
</proc:REQUEST_MESSAGE_INPUT>
```

Note: For the arguments that you did not provide values in the request message, the Secure Agent considers the values of the argument as null. By default, the Secure Agent considers the value of the second last argument as the operation name. However, if you provide the value of the second last argument in the request message then the Secure Agent considers the value that you provide.

5. In the **Advanced Properties** section, provide a value for the **Outbound_Output_Directory** property. You can set the tracing level to normal and use the default cache size of 1024.

4. On the **Field Mapping** tab, select the elements in the response structure that you want to map to the output fields.

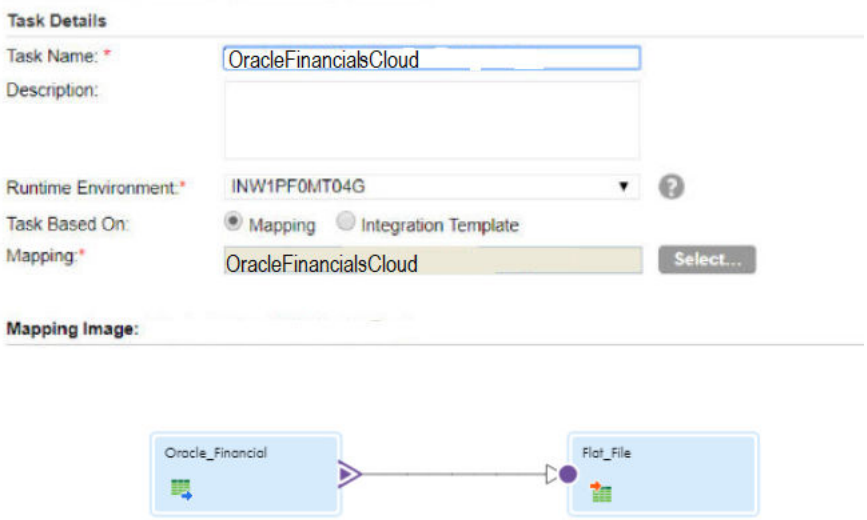
   Select the check box and expand the option. Select **Map All Decendants** > **Output Group** to choose the source from where you want to read.
   The following image shows the response structure on the left pane in a hierarchical format and the output groups on the right pane in a relational format:



5. On the Target transformations, specify the target connection, target type, object, and operation for the target transformations.

6. Map the source and target.
7. Click **Save and Run** the mapping.
8. In Data Integration, click **New** > **Task**.
9. Click **Mapping Task** > **Create** and select the mapping for the task.

   The following image shows the Mapping Task wizard with the applied mapping:



Oracle Financials Cloud Target Objects Transformation in Mappings

When you configure a Target transformation, select an Oracle Financials Cloud connection and choose an Oracle Financials Cloud operation to represent an Oracle Financials Cloud target.

When you run an Oracle Financials Cloud mapping to write data to a target, the mapping runs successfully. However, the following error message appears in the session log:

```
WRITER_1_*_1> GENERIC_WRITER_10041 [2018-05-03 22:16:02.159] [INFO] Length of Hierarchy
input string is : [238]
WRITER_1_*_1> CMN_1761 [2018-05-03 22:16:02.161] Timestamp Event: [Thu May 03 22:16:02
2018]
```

Target Transformation Properties

You can use one or more Target transformations in a mapping.

When you select a target transformation, the **Properties** panel displays the following sections:

General

Use to configure the name and a description for the target.

Incoming Fields

Includes the field rules that define the data written to the target. Allows a preview of the target fields.

Target

Use to select the connection and the operation, and to configure the advanced target properties.

Target Fields

Not applicable for an Oracle Financials Cloud targets.

Field Mapping

Use to define the field mappings from the upstream transformation to the target.

Oracle Financials Cloud Advanced Target Properties in Mappings

In a mapping, you can configure or create a Target transformation and configure the advanced properties in the **Target** page of the Mapping Task wizard.

The following table describes the advanced properties that you can configure in a Target transformation:

Property	Description
Inbound_Parameter_List	Enter the values of the argument in order and use a comma to separate the argument values for the selected object. For example, enter the value in the following manner: 300000046975980,Balance Transfer,300000046975971,ALL,N,N,N **Note:** Use this property when you run a mapping to write data to a target.
Outbound_Output_Directory	Enter the directory path where you want to download the CSV files on the machine that runs the Secure Agent . By default, the CSV files are downloaded as a zip file in the `IO Directory\Reader\Output` directory. If you provide a directory path in this property, the Secure Agent downloads the CSV files in the directory path that you specify here and ignores the default directory path. **Note:** Use this property when you run a mapping to read data from a source.
Tracing Level	Amount of detail that appears in the log for the Source transformation. Use the following tracing levels: - Terse - Normal - Verbose Initialization - Verbose Default is normal.
Cache Size for Web Service Response (KB)	Memory available for the web service response. The cache size depends on the Oracle Financials Cloud module and response count size. If the web service response contains many rows or columns, you might want to increase the cache size. You can specify a maximum size of 99999 KB. Default is 1024 KB.

Input Settings Properties

You can enable **Sorted Input** under **Input Settings**. Sorted Input indicates that input data is presorted. Default is disabled.

Enable sorted input for better performance.

Note: When **Sorted Input** is enabled and the input is not sorted, the Secure Agent does not process input and the mapping fails.

Target Transformation Mapping Example

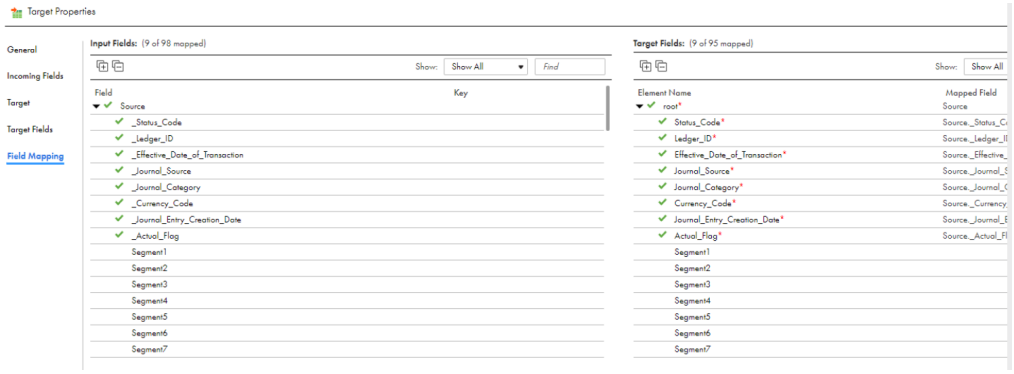
You can map a source to an Oracle Financials Cloud target and use the mapping to perform a mapping task.

To read data from a source and write to an Oracle Financials Cloud target, perform the following tasks:

1. In Data Integration, click **New** > **Mapping** > **Create**.

   The **New Mapping** dialog box appears.
2. Enter a name and description for the mapping.
3. On the Source transformation, specify a name and description in the general properties.
4. On the Target transformation and perform the following tasks on the **Target** tab:
   1. In the **Connection** field, select the Oracle Financials Cloud connection to connect to Oracle Financials Cloud application.
   2. In the **Operation** field, select the required operation.
   3. In the **Advanced Properties** section, provide a value for the **Inbound_Parameter_List** property. You can set the cache size and the transaction commit interval.
5. On the **Field Mapping** tab, select the input elements to map to the target fields.

   The following image shows all the mapped fields between the input file and the Oracle Financials Cloud target:



6. Map the source and target.
7. Click **Save and Run** the mapping.
8. In Data Integration, click **New** > **Task**.
9. Click **Mapping Task** > **Create** and select the mapping for the task.

Oracle Financials Cloud Midstream Objects Transformation in Mappings

Before you configure a midstream transformation, you must create a business service. Select an Oracle Financials Cloud connection and choose an Oracle Financials Cloud operation when you create a business service.

Midstream Transformation Properties

When you configure the midstream transformation, select the business service and the operation on the **Web Service** tab.

When you select a midstream transformation, the **Properties** panel displays the following areas and information:

General

Use to configure the name and a description for the transformation.

Incoming Fields

Includes the field rules that define the data that you read from the source. Allows a preview of the source fields.

Web Service

Specifies the business service and the operation that you want to perform in an Oracle Financials Cloud application.

Request Mapping

Maps the incoming fields from source file to elements in request structure.

Response Mapping

Maps the selected elements from the response structure with the output fields. You can view the response structure on the **Response Mapping** tab. When you map the elements from the response structure to the output fields, the Secure Agent creates the output groups, along with the primary and foreign keys for the field names.

Output Fields

Displays the fields included in the mapping.

Advanced

The properties required to configure a midstream transformation.

Oracle Financials Cloud Advanced Midstream Properties in Mappings

The following table describes the advanced properties that you can configure for a midstream transformation:

Property	Description
Inbound_Parameter_List	Enter the values of the argument in order and use a comma to separate the argument values for the selected object. For example, enter the value in the following manner: 300000046975980,Balance Transfer,300000046975971,ALL,N,N,N **Note:** Use this property when you run a mapping to write data to a target.
Outbound_Output_Directory	Enter the directory path where you want to download the CSV files on the machine that runs the Secure Agent . By default, the CSV files are downloaded as a zip file in the `IO Directory \Reader\Output` directory. If you provide a directory path in this property, the Secure Agent downloads the CSV files in the directory path that you specify here and ignores the default directory path. **Note:** Use this property when you run a mapping to read data from a source.
Cache Size for Web Service Request (KB)	Memory available for the web service request. If the request is more than 100 KB, you can increase the cache size. Default is 100 KB.
Cache Size for Web Service Response (KB)	Memory available for the web service response. If the web service response contains many rows or columns, you might want to increase the cache size. Default is 100 KB.
Allow Input Flush	Not applicable.
Transaction Commit Control	Not applicable.

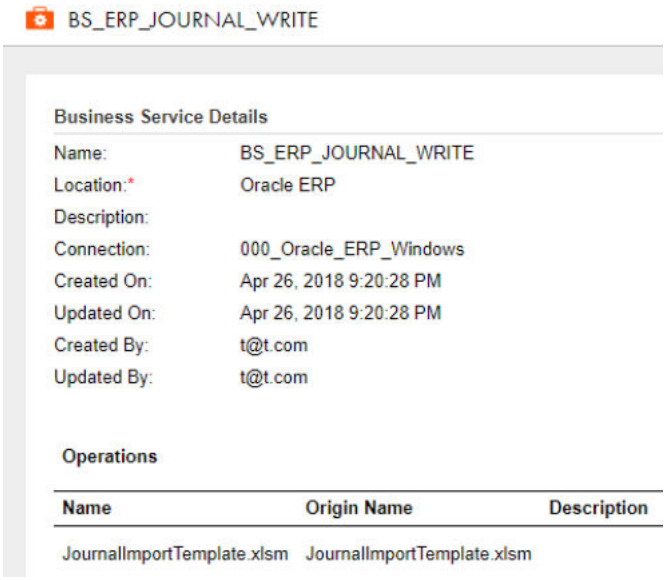
Midstream Transformation Mapping Example

To read data from an Oracle Financials Cloud source and to write the data to a flat file, perform the following tasks:

1. Create an Oracle Financials Cloud connection to read data from an Oracle Financials Cloud source.
2. In Data Integration, click **New** > **Components** > **Business Sevice**.

   The **Business Sevice Details** dialog box appears.

The following image shows the configured business service that associates an Oracle Financials Cloud connection and an operation:



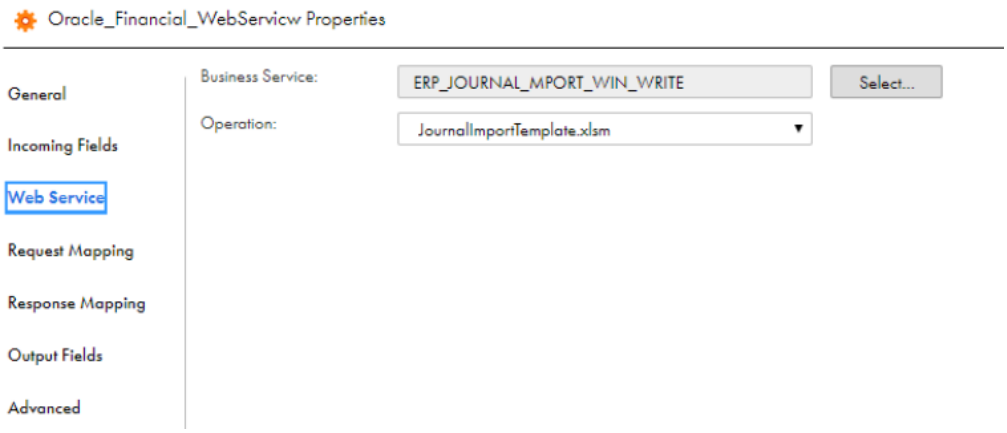
3. On the Web Services transformation, specify a name and description in the general properties.

   The following image shows the source, web service, and target in the Oracle Financials Cloud mapping:



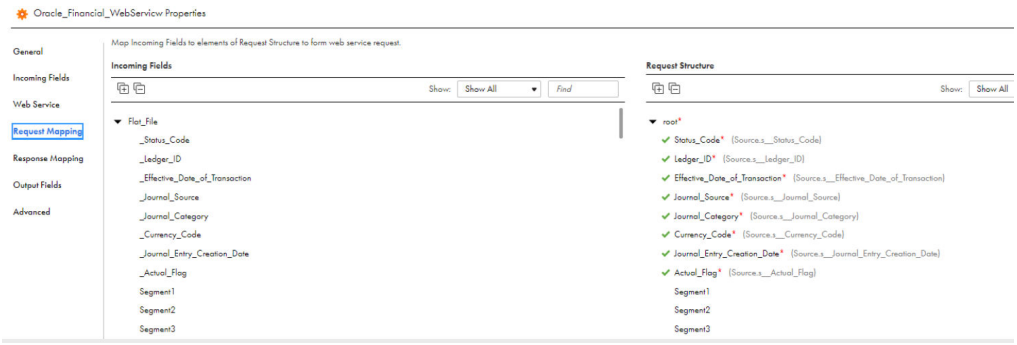
4. On the **Web Service** tab, select the business service and the operation that you configured.

   The following image shows the configured web service:



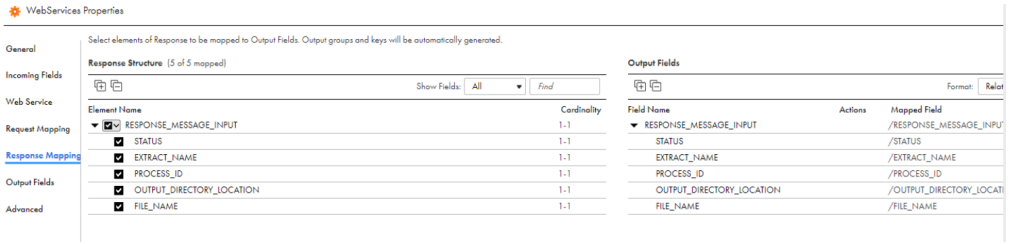
5. On the **Request Mapping** tab, map the incoming fields from the source to the elements of Request Structure to form a web service request.

The following image shows the fields that you map:



6. On the **Response Mapping** tab, select the source details fields that you want to write to the target file on the **Response Structure**.

   The following image shows the source details fields that you want to write to the target file:

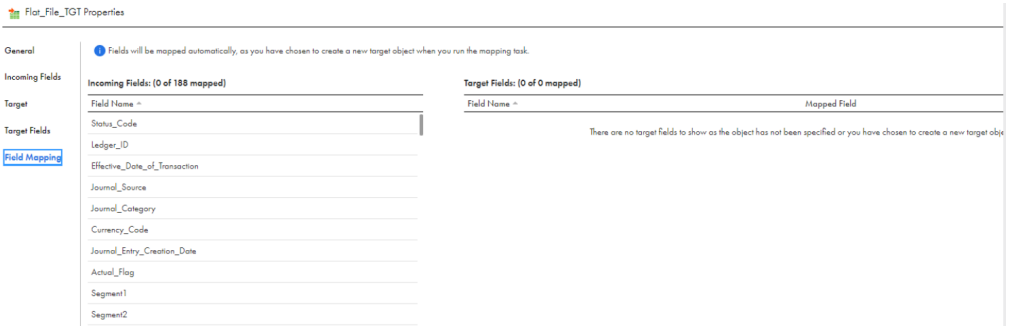


7. On the **Advanced** tab, provide a value for the **Inbound_Parameter_List** or **Outbound_Output_Directory** property. You can specify the cache size details.

   The fields that you select from the **Response Structure** of the Web Service transformation appear as incoming fields for the target object.

8. If required, map the incoming fields to the flat file fields.

   The following image shows the mapped fields between the source field and the target field:



9. Click **Task Wizards** > **Mapping Task**, and select the mapping for the task.
10. When you save and run the mapping, the Secure Agent reads the data that you map on the **Request Mapping** tab from the Oracle Financials Cloud application and writes the data to the corresponding flat files.

Rules and Guidelines for Midstream Transformation in Mappings

Use the following rules and guidelines when you run a midstream transformation in a mapping:

- When you use a midstream transformation to read data, you must map all the arguments in the request message from a source.
- You must use expressions to convert the values of the date/time argument to date.
- You must provide the value for the date type argument in the `YYYY-MM-DD` format.
- You must not provide a null value for the date type argument in the request message. You must provide a real or a dummy value for the date type argument in the request message. However, there might be an impact in the output.
- If you encounter an error message when you validate the request message, you can ignore the error message and proceed. There is no impact in the output.
  However, if you want to remove the error message for the date type argument in the request message, you must provide the following XML code inside the date tag in the request message:

  ```
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"xsi:nil="true"
  ```

CHAPTER 4

Troubleshooting

Use the following sections to troubleshoot errors in Oracle Financials Cloud Connector.

Troubleshooting Oracle Financials Cloud Tasks

When you select an Oracle Financials Cloud write object and navigate to the Field Mapping tab, you might encounter the following error message: Unable to load metadata for <write object> operation

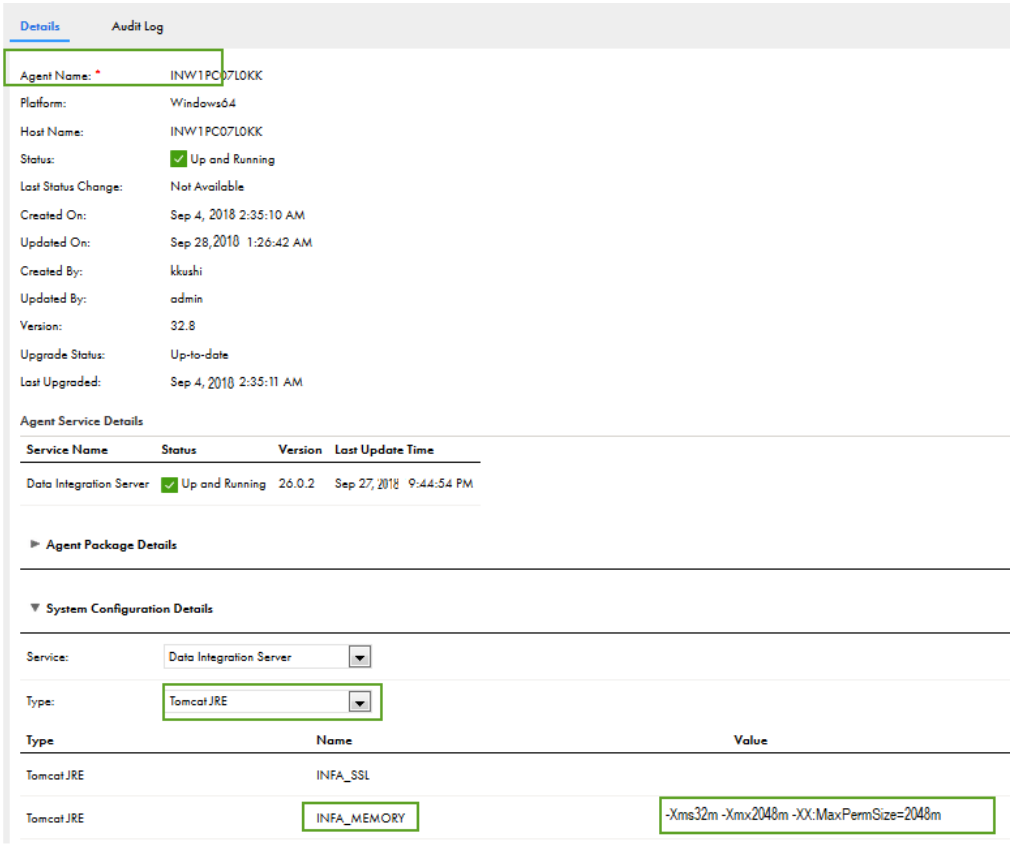
Additionally, you might also encounter the following error message in the tomcat.log file on the Secure Agent machine: Facing java.lang.OutOfMemoryError: GC overhead limit exceeded

To solve this issue, you must increase the performance and avoid runtime environment memory issues.

1. In Administrator, select **Runtime Environments**.
2. Select the Secure Agent for which you want to increase memory from the list of available Secure Agents.
3. In the upper-right corner, click **Edit**.
4. In the **System Configuration Details** section, select the **Type** as **TomCatJRE**

5. Edit **INFA_memory** as **-Xms32m -Xmx2048m -XX:MaxPermSize=2048m**.

   The following image shows the **Agent Details** page:



   The minimum and maximum values for the Java heap size are given as an example. Specify the size according to your requirements.

   Note: You must wait for the Data Integration Service to load new values after you configure the Secure Agent.

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