Oracle Fusion Cloud SCM

Sync Items From Oracle Fusion Cloud SCM to Oracle Health EHR

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1 About This Accelerator

Overview

Use this accelerator to sync item master, item location, and item cost information from Oracle Fusion Cloud SCM with Oracle Health EHR based on a schedule specified in Oracle Fusion Cloud SCM.

> **Note:** This accelerator is available as **Oracle Fusion Cloud SCM — Oracle Health EHR | Sync Items** in the Integration Store.

To use the accelerator, you must enable the opt-in feature Synchronize Item Information With Oracle Health. After this, install the accelerator, and then configure the connections and other resources within the accelerator. Later, you can activate the integration flow of the accelerator manually. The Synchronize Items with Oracle Health schedule process triggers the integration flow to read the item master, item location, and item cost records from Oracle WebCenter Content and transfers the files to a Secure File Transfer Protocol (SFTP) location.

Related Topics

- System and Access Requirements
- Accelerator Schema

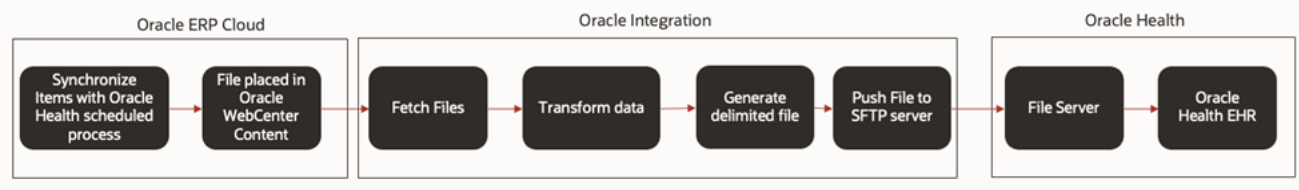
System and Access Requirements

The systems and access permissions required to successfully run the accelerator are:

- Oracle Fusion Cloud SCM Update 24D or later
- Oracle Integration, Version 24.10.0.0 or higher
- SFTP file server
- Oracle Health EHR 2018.12.01 or later
- An account in Oracle ERP Cloud with the Administrator role
- An account in Oracle Health EHR with the Administrator role

Accelerator Schema

The following diagram depicts the tasks performed by the accelerator.


Oracle ERP Cloud
Synchronize Items with Oracle Health scheduled process
File placed in Oracle WebCenter Content
Oracle Integration
Fetch Files
Transform data
Generate delimited file
Push File to SFTP server
Oracle Health
File Server
Oracle Health EHR

2 Before You Install the Accelerator

Configure Oracle ERP Cloud

To access an Oracle Fusion Cloud Application from Oracle Integration and invoke notifications for events, you'll require a separate user account on the Oracle Cloud Application.

Log in to the Oracle ERP Cloud instance as an administrator and perform the following tasks:

1. Create a user account for Oracle Integration. Make a note of the user name and password you set for the account. You'll use the credentials of this user account to connect to Oracle ERP Cloud from Oracle Integration.
2. Assign the following roles to the user account:
   - Integration Specialist
   - Oracle ERP Cloud-specific data access to the integration user

Related Topics

- Using the Oracle ERP Cloud Adapter with Oracle Integration
- Assign Required Roles to an Integration User

Configure FTP Server

To access an FTP server from Oracle Integration and upload the files, you'll require a separate user account.

Log in to the Oracle ERP Cloud instance as an administrator and perform the following tasks:

1. Create a user account for Oracle Integration. Make a note of the user name and password you set for the account. You'll use the credentials of this user account to connect to Oracle ERP Cloud from Oracle Integration.
2. Assign the read and write privileges for this user account.

Related Topics

- Using the FTP Adapter with Oracle Integration Generation 2

3 Install and Configure the Accelerator

Install the Accelerator

On your Oracle Integration instance, install the accelerator to deploy and configure the integration and associated resources.

To install the accelerator:

1. On the Oracle Integration Home page, in the **Get started** section, click **Browse store**.
2. Find the accelerator you want to install, then click **Get**.
   A message confirms that the accelerator was successfully installed. Refresh the page and the accelerator card shows **In use**.

After installing the accelerator, you must configure its resources. For the details, see *Configure the Accelerator*.

Configure the Accelerator

Before you activate and run the accelerator, you must configure its resources.

To configure the accelerator, on the accelerator card, click **Configure** .

The Configuration Editor opens displaying all the resources of the accelerator. Configure the following resources before you activate and run the accelerator:

- FTP connection
- Oracle ERP Cloud connection
- Oracle WebCenter Content connection
- Lookup tables

Configure the FTP Connection

1. In the **Connections** section, click the FTP connection name to edit. The connection configuration page appears.
2. In **Properties**, enter the FTP server host address and FTP server port. For example, ftp.servr.com and port 22.
3. In **Optional Properties**, enter the following details.

Field	Information to Enter
SFTP Connection	Yes
SFTP Key Exchange Algorithm	diffie-hellman-group1-sha1
SFTP Preferred PKI Algorithm	ssh-dss

4. In the **Security** section, enter the following details.

Field	Information to Enter
Security policy	FTP Server Access Policy
User Name	Enter the user name of the account created for Oracle Integration on FTP server.
Password	Enter the password of the account created for Oracle Integration on FTP server.

5. In **Access Type**, select **Public gateway**.
6. Click **Test** to make sure that your connection is successfully configured. A message confirms if your test is successful.
7. Click **Save**. If prompted, click **Save** again.
8. To return to the previous page, click **Go back** .

Configure the Oracle ERP Cloud Connection

1. In the Connections section, click **Oracle ERP Cloud Connection**.
2. In the Properties section, enter the Oracle ERP Cloud host name. For example, https://your_domain_name.fa.DC.oraclecloud.com.
3. In the Security section, enter the following details.

Field	Information to Enter
Security Policy	Select **Username Password Token**.
User Name	Enter the user name of the account created for Oracle Integration on Oracle ERP Cloud.
Password	Enter the password of the account created for Oracle Integration on Oracle ERP Cloud.

4. In **Access Type**, select **Public gateway**.
5. Click **Test** to make sure that your connection is successfully configured. In the displayed dialog box, click **Test** again. A message confirms if your test is successful.
6. Click **Save**. If prompted, click **Save** again.
7. To return to the previous section, click **Go back** .

Configure the Oracle WebCenter Content Connection

1. In the Connections section, click the Oracle WebCenter Content connection to edit.
2. In the Properties section, enter the **WSDL URL**. For example, https://your_domain_name /idcws/GenericSoapPort?wsdl
3. In the Security section, enter the following details.

Field	Information to Enter
Security Policy	Select **Username Password Token**.

Field	Information to Enter
User Name	Enter the user name of the account created for Oracle Integration on Oracle ERP Cloud.
Password	Enter the password of the account created for Oracle Integration on Oracle ERP Cloud.

4. In the **Access Type**, select **Public gateway**.
5. Click **Test** to make sure that your connection is successfully configured. In the displayed dialog box, click **Test** again. A message confirms if your test is successful.
6. Click **Save**. If prompted, click **Save** again.
7. To return to the previous page, click **Go back** .

Configure the Lookup Tables

The following lookup tables map the fields from Oracle ERP Cloud to Oracle Health EHR.

Lookup Table Name	Description
OracleSCMOrganizationMapping	Maps the Inventory Organizations in Oracle ERP Cloud and Organizations in Oracle Health EHR
OracleSCMSubinventoriesMapping	Maps the Item Subinventories in Oracle ERP Cloud and Locators in Oracle Health EHR
OracleSCMLocatorsMapping	Maps the item locators in Oracle ERP and locators at Oracle Health EHR
OracleUOMMapping	Maps the unit of measures in Oracle ERP Cloud and unit of measure at Oracle Health EHR
OracleSCM_StandardFields	Maps the XML tags for predefined attributes in Oracle ERP Cloud with Oracle Health EHR
OracleSCM_DynamicFields	Maps the XML tags for user-defined attribute mapping in Oracle ERP Cloud with Oracle Health EHR
OracleSCMTransactionMapping	Maps the transaction type for item location and locators for Oracle Health EHR
OracleLatexIndicatorMapping	Maps the value of Latex indicator at Oracle ERP Cloud and Latex indicator at Oracle Health EHR
OracleSCMChargeableIndicatorMapping	Maps the value of Chargeable indicator at Oracle ERP Cloud and Chargeable at Oracle Health EHR
OracleHealthEHR_FTPDetails	Provides the folder locations for loading the file to Oracle Health EHR
OracleSCMOracleHealthEHR_EmailContacts	Sets up email contacts that would be notified in case of failures
OracleHealthEHR_Contants	Maintains the static values for attributes at Oracle Health EHR

To configure the lookup table:

1. In the Lookups section, click the lookup name to edit.
2. Configure the following lookup tables:

Lookup Table Name	Information to Enter
OracleSCMOrganizationMapping	○ In the SCMOrganization column, enter the value of the Inventory Organization code in Oracle ERP Cloud.

Lookup Table Name	Information to Enter
	○ In the OracleHealthEHROrganization column, enter the value of Oracle Health EHR Organization.
OracleSCMSubinventoriesMapping	○ In the SCMSubinventories column, enter the value of the Subinventory code in Oracle ERP Cloud. ○ In the OracleHealthEHRLocation column, enter the value of Oracle Health EHR Location.
OracleSCMLocatorsMapping	○ In the SCMLocators column, enter the value of Locator code in Oracle ERP Cloud . ○ In the OracleHealthEHRLocator column, enter the value of Oracle Health EHR Locator.
OracleUOMMapping	○ In the OracleSCMValue column, enter the value of Unit of Measure Code in Oracle ERP Cloud . ○ In the OracleHealthEHRValue column, enter the value of Unit of Measure in Oracle Health EHR Locator.
OracleSCMTransactionMapping	○ In the OracleSCMValue column, enter the value of the Transaction Type in Oracle ERP Cloud. ○ In the OracleHealthEHRValue column, enter the value of the Transaction Type in Oracle Health EHR Locator. These fields are prepopulated for standard integration.
OracleLatexIndicatorMapping	○ In the OracleSCMValue column, enter the value of Latex Indicator in Oracle ERP Cloud. ○ In the OracleHealthEHRValue column, enter the value of Latex Indicator in Oracle Health EHR Locator. These fields are prepopulated for standard integration.
OracleSCMChargeableIndicatorMapping	○ In the OracleSCMValue column, enter the value of Charge Indicator in Oracle ERP Cloud . ○ In the OracleHealthEHRValue column, enter the value of Charge Indicator in Oracle health EHR Locator. These fields are prepopulated for standard integration.
OracleHealthEHR_FTPDetails	○ In the DirectoryName column, enter the value of directory names for Stage and CernerLoc Indicator. ○ In the DirectoryValue column, provide the path for the directory name provided on the file server.
OracleSCMOracleHealthEHR_EmailContacts	○ In the Contact column, enter the value From and To for the error email notifications. ○ In the EmailID column, enter the email IDs for the error email notifications. These fields are prepopulated for Standard integration.
OracleHealthEHR_Contants	○ In the DataElementName column, enter the attribute name that's constant for Oracle Health EHR. ○ In the DataElementValue column, enter the value of constant attribute in Oracle Health EHR. These fields are prepopulated for Standard integration.
OracleSCM_DynamicFields	○ In the OracleHealthEHRField column, enter the attribute name for Oracle Health EHR. ○ In the OracleSCM_ItemClassName column, enter the value of item class code in publish payload from Oracle ERP Cloud. ○ In the OracleSCM_AttributeGroupNode column, enter the value of attribute group name in publish payload from Oracle ERP Cloud. ○ In the OracleSCM_AttributeNode column, enter the value of attribute name in publish payload from Oracle ERP Cloud.

3. To return to the previous page, click **Go back** .

4 Activate and Run the Accelerator

Activate the Accelerator

After you've configured the connections and other resources, activate the accelerator.

1. To activate the accelerator, in the Configuration Editor, go to the **Deployments** section and click **Activate** for the release version 24D.
2. In the Activate project panel, with the default project deployment selected, choose an appropriate tracing option, then click **Activate**.

   A message confirms that the integration(s) has been activated. Refresh the page to view the updated status of the integration(s).

Run the Accelerator

Use the Synchronize Items with Oracle Health scheduled process to trigger the accelerator's integration flow.

To run the accelerator:

1. Run the Synchronize Items with Oracle Health scheduled process on Oracle ERP Cloud. After the job is completed, it triggers the accelerator’s integration flow.
2. Monitor running of the integration flow(s) in Oracle Integration.
   a. In the project workspace, click **Observe**. You'll see the integration flow(s) being triggered and running successfully.
   b. To manage errors in your project, see *Manage Errors in a Project*.
3. Log into the FTP server and verify that the files are transferred from Oracle WebCenter Content to the FTP server.