

Oracle Fusion Cloud SCM

**Sync Items from Oracle Fusion
Cloud SCM to Epic**

26C



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Thanks for helping us improve our user assistance!

1 About This Recipe

Overview

Use this recipe to sync item master, item inventory location, and item cost information from Oracle Fusion Cloud SCM to Epic based on a schedule specified in Oracle Fusion Cloud SCM.

Note: This recipe is available as **Oracle Fusion Cloud SCM — Epic | Sync Items** in the Integration Store. Oracle provides this recipe as a sample only. The recipe is meant only for guidance and isn't warranted to be error-free. No support is provided for this recipe. It's recommended you test the recipe before deployment to ensure the expected performance and stability.

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

Related Topics

- [System and Access Requirements](#)
- [Recipe Schema](#)

System and Access Requirements

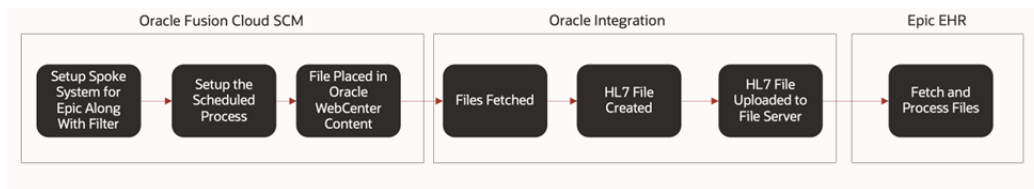
The systems and access permissions required to successfully run the recipe.

Include the following information:

- Oracle Fusion Cloud SCM Update 24D or later
- Oracle Integration, Version 24.10.0.0 or higher
- SFTP file server
- Epic Feb 2024 or later
- An account in Oracle ERP Cloud with the Administrator role
- An account in Oracle Health EHR with the Administrator role

Recipe Schema

The following diagram depicts the tasks performed by the recipe.



2 Before You Install the Recipe

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 Recipe

Install the Recipe

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

To install the recipe:

1. On the Oracle Integration Home page, in the **Get started** section, click **Browse store**.
2. Find the recipe you want to install, then click **Get**.

A message confirms that the recipe was successfully installed. Refresh the page and the recipe card shows **In use**.

After installing the recipe, you must configure its resources. For the details, see [Configure the Recipe](#).

Configure the Recipe

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

To configure the recipe, on the recipe card, click **Configure**. The Configuration Editor opens displaying all the resources of the recipe. Configure the following resources before you activate and run the recipe:

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

Configure the FTP Connection

1. In the **Connections** section, click **Oracle FTP connection**. 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

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 whether 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 Oracle ERP Cloud REST Connection

1. In the Connections section, click **Oracle ERP Cloud Rest Connection**. The connection configuration page appears.
2. In the Properties section, enter the following details.

Field	Information to Enter
Connection Type	Select REST API Base URL .
Connection URL	Enter the Oracle ERP Cloud host name. For example, <code>https://your_domain_name.fa.DC.oraclecloud.com</code>

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 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 Epic.

Lookup Table Name	Description
OracleSCM_StandardFields	Maps the XML tags for predefined attributes in Oracle ERP Cloud with Epic.

Lookup Table Name	Description
EpicEHR_FTPDetails	Provides the folder locations for loading the file to Epic.
OracleSCMEpicEHR_EmailContacts	Sets up email contacts who would be notified in case of failures.
EpicEHR_Contants	Maintains the static values for attributes in Epic.

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
OracleSCM_StandardFields	○ In the EpicEHRField column, enter the attribute name for Epic EHR. ○ In the OracleSCM_ParentNode column, enter the value of parent node for attribute mapped in the publish payload from Oracle ERP Cloud. ○ In the OracleSCM_ChildNode column, enter the value of attribute node in the publish payload group name in publish payload from Oracle ERP Cloud.
EpicEHR_FTPDetails	○ In the DirectoryName column, enter the value of directory name. ○ In the DirectoryValue column, provide the path for the directory name provided on the file server.
OracleSCMEpicEHR_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.
EpicEHR_Contants	○ In the DataElementName column, enter the attribute name that's constant for Epic EHR. ○ In the DataElementValue column, enter the value of constant attribute in Epic EHR. ○ Provide the SpokeSystemCode and MasterOrganization values. These fields are prepopulated for Standard integration.

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

4 Activate and Run the Recipe

Activate the Recipe

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

1. To activate the recipe, in the project workspace, click **Activate**.
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 Recipe

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

To run the recipe:

1. Run the Synchronize Items with Oracle Health scheduled process on Oracle ERP Cloud. After the job is completed, it triggers the recipe'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.

