Oracle Fusion Cloud SCM

Sync Items From Oracle Fusion Cloud SCM to Oracle Health EHR

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Author: Oracle

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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. It's recommended you test the accelerator before deployment to ensure the expected performance and stability.

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
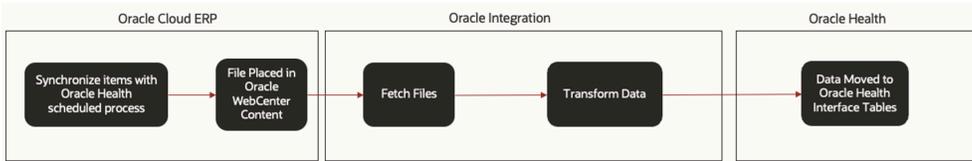- Accelerator Schema

System and Access Requirements

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

- Oracle Fusion Cloud SCM Update 24D or later
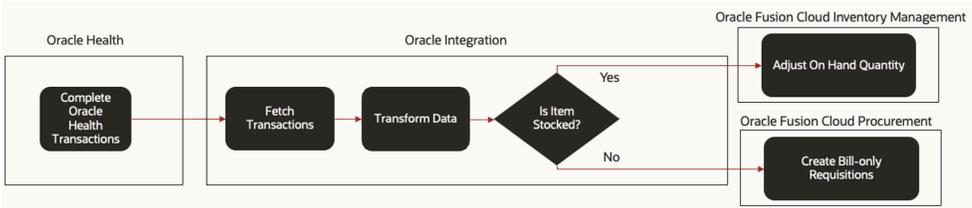- Oracle Integration, Version 25.10.0.0 or higher
- SFTP file server
- Oracle Health EHR 2025.3 or later
- An account in Oracle ERP Cloud with the Administrator role
- An account in Oracle Health EHR with the Administrator role

Accelerator Schema

The following diagram depicts the integration flow from Oracle Cloud ERP to Oracle Health performed by the accelerator.

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Oracle Cloud ERP | Oracle Integration | Oracle Health

Synchronize items with Oracle Health scheduled process → File Placed in Oracle WebCenter Content → Fetch Files → Transform Data → Data Moved to Oracle Health Interface Tables

The following diagram depicts the transaction integration flow from Oracle Health to Oracle Fusion Cloud Inventory Management and Oracle Fusion Cloud Procurement.

Oracle Health | Oracle Integration | Oracle Fusion Cloud Inventory Management

Complete Oracle Health Transactions → Fetch Transactions → Transform Data → Is Item Stocked? — Yes → Adjust On Hand Quantity (Oracle Fusion Cloud Inventory Management); No → Create Bill-only Requisitions (Oracle Fusion Cloud Procurement)

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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

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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:

- Oracle ERP Cloud connection
- Oracle WebCenter Content connection
- Oracle Health Connection
- Lookup tables

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.

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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**.
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 Health Connection

1. In the Connections section, click the Oracle Health Connection.
2. In the Properties section, enter the following details.

Field	Information to Enter
Service Container URL	Provide service container URL.
Environment	Select PRODUCTION or STAGING.
Tenant Domain	Enter the tenant domain.

3. In the Security section, enter the following details.

Field	Information to Enter
Security Policy	OAuth Client Credentials
Access Token URL	Enter the access token URL for the Oracle Health.
Client Id	Provide the client id for the Oracle Health.

Field	Information to Enter
Client Secret	Provide the client secret for the Oracle Health.

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_Dynamic_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
OracleHealthOracleINVTransactionMapping	Maps the Oracle Health adjustment reason with Oracle Inventory Cloud transaction type
OracleHealthEHR_NonStocLoc	Maps the Oracle ERP Organization with Oracle Health Organization and nonstock location

To configure the lookup table:

1. In the Lookups section, click the lookup name to edit.

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2. Configure the following lookup tables:

Lookup Table Name	Information to Enter
OracleSCMOrganizationMapping	o In the SCMOrganization column, enter the value of the Inventory Organization code in Oracle ERP Cloud. o In the OracleHealthEHROrganization column, enter the value of Oracle Health EHR Organization. o In the ERP_Requisition_BU column, enter the Business unit for the Oracle SCM Organization. o In the ERP_Currency_code, enter the Currency Code for Oracle ERP Organization o In the ERP_DeliverTo_Location, enter Oracle ERP Location Address name setup for the Oracle ERP Organization o In the SCMOrganization_name, enter the Oracle ERP Organization name
OracleSCMSubinventoriesMapping	o In the SCMSubinventories column, enter the value of the Subinventory code in Oracle ERP Cloud. o In the OracleHealthEHRLocation column, enter the value of Oracle Health EHR Location. o In the OracleHealthEHROrg_Loc column, enter the value of Oracle Health EHR Organization and Oracle Health Location separated with :.
OracleSCMLocatorsMapping	o In the SCMLocators column, enter the value of Locator code in Oracle ERP Cloud . o In the OracleHealthEHRLocator column, enter the value of Oracle Health EHR Locator. o In the OracleEHROrg_Loc column, enter the value of Oracle Health EHR Organization and Oracle Health Location separated with a colon (:).
OracleUOMMapping	o In the OracleSCMValue column, enter the value of Unit of Measure Code in Oracle ERP Cloud. o In the OracleHealthEHRValue column, enter the value of Unit of Measure in Oracle Health EHR Locator.
OracleSCMTransactionMapping	o Inthe OracleSCMValue column, enter the value of the Transaction Type in Oracle ERP Cloud. o In the OracleHealthEHRValue column, enter the value of the Transaction Type in Oracle Health EHR Locator.
OracleLatexIndicatorMapping	o In the OracleSCMValue column, enter the value of Latex Indicator in Oracle ERP Cloud. o In the OracleHealthEHRValue column, enter the value of Latex Indicator in Oracle Health EHR Locator. as These fields are prepopulated for standard integration.
OracleSCMChargeableIndicatorMapping	o In the OracleSCMValue column,enter the value of Charge Indicator in Oracle ERP Cloud . o In the OracleHealthEHRValue column, enter the value of Charge Indicator in Oracle Health EHR Locator. These fields are prepopulated for standard integration.
OracleSCMOracleHealthEHR_ EmailContacts	o In the Contact column, enter the value From and To for the error email notifications. o In the EmailID column, enter the email IDs for the error email notifications. These fields are prepopulated for standard integration.

Lookup Table Name	Information to Enter
OracleHealthEHR_Contants	- In the DataElementName column, enter the attribute name that's constant for Oracle HealthEHR. - In the DataElementValue column, enter the value of constant attribute in Oracle Health EHR. These fields are prepopulated for Standard integration. For setting up an additional Spoke System for integration, create a copy of the integration and change the DataElementValue for the row SpokeSystemCode.
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.
OracleHealthOracleINVTransactionMapp	- In the OracleINV, update the mapping for Oracle Health Adjustment type with Oracle ERP.
OracleHealthEHR_NonStocLoc	- In the SCM_ORG column, enter the ERP Organization Code - In the NonStock_Loc column, enter the non stock location for Oracle health - In the OracleHealthEHROrganization column, enter the Oracle health EHR Organization

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

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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 update 26A.
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 to Trigger the Integration Flows

Use the Sync Items with Oracle Health scheduled process to trigger the accelerator's integration flows.

To trigger the integrations using the accelarator:

1. Sync Items from Oracle Cloud ERP to Oracle Health:
   a. Run the Sync Items with Oracle Health scheduled process on Oracle Cloud ERP. After the job is completed, it triggers the accelerator's integration flow.
   b. Monitor running of the integration flow(s) in Oracle Integration.
      i. In the project workspace, click **Observe**. You'll see the integration flow(s) being triggered and running successfully.
      ii. To manage errors in your project, see *Manage Errors in a Project*.
   c. Sign in to the Oracle Health application and verify that the data is transferred from Oracle WebCenter Content to Oracle Health interface tables.
2. If required, sync transactions from Oracle Health to Oracle ERP:
   a. In the Integrations section of the project workspace, click **Actions** on the **Get Transactions Summary** integration flow, then select **Run**.

      The Configure and run page is displayed with the LastRunDate parameter. For this parameter, specify the date before a transaction is created in Oracle Health to get transactions.
   b. On the Configure and run page, click **Run**.

      You've now successfully submitted the integration for execution.

      > **Note:** You can also schedule this integration to run at a date, time, and frequency based on your requirement. See *Create a Schedule Integration*.

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