

Oracle® Cloud

Import Suppliers from File Server to Oracle ERP Cloud



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Preface

This document describes how to install, configure, and run this recipe in Oracle Integration 3.

Topics:

- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Conventions](#)

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Related Resources

For more information, see these Oracle resources:

- Oracle Integration documentation on the Oracle Help Center.
- Oracle Cloud at <http://cloud.oracle.com>.

Conventions

The following text conventions are used in this document.

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Convention	Meaning
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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About This Recipe

Use this recipe to import suppliers from File Server to Oracle ERP Cloud.



Note:

Oracle provides this recipe as a sample only. The recipe is meant only for guidance, and is not warranted to be error-free. No support is provided for this recipe.

Overview

This recipe imports an interface file containing supplier information from File Server to Oracle ERP Cloud according to a schedule specified in Oracle Integration.

In this recipe, File Server is used to store the supplier file and a native **File Server** action is used to list and read the file.

This recipe contains the following integration flows:

1. **Oracle FTP ERP Import Suppliers:** This is a schedule-based integration flow that reads the file from File Server, does the conversion as per the suppliers FBDI file and imports it into Oracle ERP Cloud using the Oracle ERP Cloud adapter.
2. **Suppliers Callback:** This is an event-based integration flow that will be called once the Import Suppliers job is completed in Oracle ERP Cloud. This flow uploads the log file to File Server.

To use the recipe, you must install the recipe and configure the connection and other resources within the recipe.

To use File Server, which is an embedded sFTP server within Oracle Integration, you must enable it from your Oracle Integration instance. See *Enable File Server in Using File Server in Oracle Integration 3*.

You can also use an external FTP server instead of File Server but you would need to configure the FTP adapter connection if you are using an external FTP server.

System and Access Requirements

- Oracle Integration 3
- Oracle ERP Cloud
- An account on Oracle ERP Cloud with the Administrator role
- File Server

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Before You Install the Recipe

You must perform the following configuration tasks on your File Server and Oracle ERP Cloud instances in order to connect to these external systems using Oracle Integration, and successfully import suppliers.

Configure File Server

You have to create the required directories in File Server.

1. Create a directory to read the files. Note down the path of the directory. For example: `/home/user2/source`.
2. Create a directory to archive files that have been processed. Note down the path of the directory. For example: `/home/user2/archive`.
3. Create a directory to write the log file. For example: `/home/user2/logs`.

Configure Oracle ERP Cloud

To access the Oracle ERP Cloud instance from Oracle Integration, you'll require a separate user account on Oracle ERP Cloud.

Log in to your 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. For more information on these roles, see [Assign Required Roles to an Integration User](#).
 - Integration Specialist
 - Oracle ERP Cloud-specific data access to the integration user


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Install and Configure the Recipe

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

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, and the recipe card shows **In use**.

3. Click **Configure**  on the recipe to configure its resources.

The project workspace opens, displaying all the resources of the recipe. Configure the following resources before you activate and run the recipe.


Configure the ERP Connection

1. In the Connections section, click the connection name.
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 Basic Authentication .
Username	Enter the username of the account created for Oracle Integration on Oracle ERP Cloud. See Configure Oracle ERP Cloud .
Password	Enter the password of the account created for Oracle Integration on Oracle ERP Cloud.

4. Click **Save**. If prompted, click **Save** again.
5. Click **Test** to ensure that your connection is successfully configured. In the resulting dialog, click **Test** again.

A message confirms if your test is successful.


6. To return to the project workspace, click **Go back** .

Configure the Lookup Table

Edit the **Integration_Lookup** lookup table to specify the file server directories.

1. In the Lookups section, click the lookup name.
2. Enter appropriate values in the **Property_value** column for the following properties.

Property_name	Property_value
SourceDir	Enter the path of the directory on File Server from where the file must be read. See Configure File Server . For example: /home/user2/source.
ArchiveDir	Enter the path of the directory on File Server to archive the file. For example: /home/user2/archive.
LogFileDir	Enter the path of the directory on File Server to write the log file. For example: /home/user2/logs.

3. Click **Save**. If prompted, click **Save** again.
4. To return to the project workspace, click **Go back** .

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Activate and Run the Recipe

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

1. In the project workspace, click **Activate**. 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 has been activated. Refresh the page to view the updated status of the integration.

2. Run the recipe.
 - a. In the Integrations section of the project workspace, click **Actions** ■■■ on the **Oracle FTP ERP Import Suppliers** integration flow, then select **Run**.
 - 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 of your choosing. See [Define the Integration Schedule](#).

3. Monitor the running of the integration flow in Oracle Integration.
 - a. In the project workspace, click **Observe**. You'll see the integration flow being triggered and running successfully.
 - b. To manage errors in your project, see [Manage Errors in a Project](#).
4. Log in to Oracle ERP Cloud and verify that new suppliers are created.
5. Go to the directory that contains the log file on File Server and verify that the zip file containing various log files (indicating the status of the suppliers) has been created.

Related Documentation

- [Using the Oracle ERP Cloud Adapter with Oracle Integration 3](#)
- [Using File Server in Oracle Integration 3](#)