

Oracle® Cloud

Sync Employee Identities Between Oracle HCM Cloud and an LDAP Instance



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Contents

1 About This Recipe

Overview	1-1
System and Access Requirements	1-1

2 Before You Install the Recipe

3 Install and Configure the Recipe

Configure the Oracle HCM Cloud Connection	3-1
Configure the Oracle FTP Read Write Connection	3-1
Configure the Lookup Table	3-2

4 Activate and Run the Recipe

Preface

This document describes how to install, configure, and run this recipe in Oracle Integration Generation 2.

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

1

About This Recipe

Use this recipe to synchronize and manage the life cycle for employee identities between Oracle HCM Cloud and an LDAP instance.

Note:

This recipe is available as **Oracle HCM Cloud — Identity Management | Sync and Manage Employee Identities** in the Integration Store. 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 explores how you can use Oracle Integration to create LDAP Data Interchange Format (LDIF) files for employees within your Oracle HCM Cloud instance.

The integration covers the following scenarios:

- New hires
- Updates to existing employees records (employee details and assignments)
- Employee terminations

The integration, which is complex, contains each scenario within a separate scope. You can customize and extend the integration for use within your company.

System and Access Requirements

- Oracle Integration
- Oracle HCM Cloud
- LDAP instance

2



Before You Install the Recipe

To access the Oracle HCM Cloud instance from Oracle Integration and extract employee identities, you'll need to create a user account for Oracle Integration on Oracle HCM Cloud, and make a few other configurations. See [Prerequisites for Creating a Connection](#).


3

Install and Configure the Recipe


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

1. On the Oracle Integration Home page, scroll to the **Accelerators & Recipes** section.
2. Click **Search All**.
The list of available recipes is displayed.
3. Find and select the recipe package that you want to install, then click **Install** .
A message confirms that the recipe was successfully installed, and the recipe card shows **INSTALLED**.
4. After the package is installed, click **Configure**  on the recipe card.
The Configuration Editor opens, displaying all the resources of the recipe package. Configure the following resources before you activate and run the recipe.

Configure the Oracle HCM Cloud Connection

1. In the Configuration Editor, select the connection, then click **Edit** .
2. In the Connection Properties section, enter the Oracle HCM 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 HCM Cloud. See Before You Install the Recipe .
Password	Enter the password of the account created for Oracle Integration on Oracle HCM 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 Configuration Editor, click **Back** . Click **Save** again if prompted.

Configure the Oracle FTP Read Write Connection


1. In the Configuration Editor, select the connection, then click **Edit** .

- In the Connection Properties section, enter the following details:

Field	Information to Enter
FTP Server Host Address	Enter the host address of your sFTP server.
FTP Server Port	22
SFTP Connection	Select Yes from the list.



- In the Security section, enter the following details:

Field	Information to Enter
Security Policy	Select FTP Server Access Policy .
User Name	Enter the user name to connect to your sFTP server.
Password	Enter the password to connect to your sFTP server.

- Click **Save**. If prompted, click **Save** again.
- 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.
- To return to the Configuration Editor, click **Back** . Click **Save** again if prompted.

Configure the Lookup Table

Edit the lookup table and map the attributes between the Oracle HCM Cloud instance and your LDAP instance.

- In the Configuration Editor, select the lookup table, then click **Edit** .
- Map the attributes in the Oracle HCM Cloud instance to the corresponding attributes in your LDAP instance.
- Click **Save**. If prompted, click **Save** again.
- To return to the Configuration Editor, click **Back** . Click **Save** again if prompted.


4

Activate and Run the Recipe

After you've configured the connections and the lookup table, you can activate and run the recipe.

1. In the Configuration Editor, click **Activate** in the title bar. In the Activate Package dialog, click **Activate** again.


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 Configuration Editor, select the integration flow.
 - b. Click **Run** , then click **Submit Now**.
 - c. In the resulting dialog, click **Confirm**.

You've now successfully submitted the integration for a test run.

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 Configuration Editor, select the integration flow.
 - b. Click **Run** , then click **Track Instances**.
 - c. On the Track Instances page, observe the integration flow of the recipe being triggered and running successfully. The recipe synchronizes employee identities between Oracle HCM Cloud and your FTP server.
4. Log in to your FTP server and check for the employee identities fetched from your Oracle HCM Cloud instance.

Related Documentation

- [Using the Oracle HCM Cloud Adapter with Oracle Integration](#)
- [Using the FTP Adapter with Oracle Integration](#)