

# Oracle® Cloud

## Sync Email Accounts Between Okta and Oracle HCM Cloud



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Oracle Cloud Sync Email Accounts Between Okta and Oracle HCM Cloud,  
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# Preface

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

**Topics:**

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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.

<b>Convention</b>	<b>Meaning</b>
<b>boldface</b>	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 email accounts between Okta and Oracle HCM Cloud, where Okta is the master.



### Note:

This recipe is available as **Oracle HCM Cloud — Okta | Sync Email** 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 demonstrates how to use Oracle Integration to synchronize email accounts between Okta and Oracle HCM Cloud, where Okta is the master.

The integration assumes that Okta is acting as a broker for an email service. Initial workers are created within Oracle HCM Cloud and loaded into Okta. Once created in Okta, an email service creates a new email, and updates the value within Okta, through an Okta connector. Oracle Integration retrieves the updated email address and then makes an update call into Oracle HCM Cloud.

To use the recipe, you must install the recipe package and configure the connections within the package. Subsequently, you can activate and run the integration flow of the package manually or specify an execution schedule for it. When triggered, this integration flow synchronizes email accounts between Okta and Oracle HCM Cloud.

## System and Access Requirements

- Oracle Integration, Version 21.2.1.0.0 or higher
- Oracle HCM Cloud, Release 13 or later
- An account on Oracle HCM Cloud with the Administrator role
- Okta instance
- An account on Okta with the Administrator role

# 2

## Before You Install the Recipe

You must perform the following configuration tasks on your Oracle HCM Cloud and Okta instances in order to successfully connect to these external systems using Oracle Integration and synchronize email accounts.

### Configure Oracle HCM Cloud

To access the Oracle HCM Cloud instance from Oracle Integration and synchronize email accounts, 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](#).

### Configure Okta API Key

To access the Okta instance from Oracle Integration, you'll require the API key associated with your Okta account.



To obtain your Okta account's API key:

1. Log in to your Okta instance as an administrator.
2. Click **Admin** to open the Admin console.
3. From the menu, select **Security** and choose **API**.
4. Navigate to the **Tokens** tab.
5. Note the API Token.


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## 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
<b>Security Policy</b>	Select <b>Username Password Token</b> .
<b>User Name</b>	Enter the user name of the account created for Oracle Integration on Oracle HCM Cloud. See <a href="#">Configure Oracle HCM Cloud</a> .
<b>Password</b>	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 REST Okta Connection

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




2. In the Connection Properties section, enter the following details:

Field	Information to Enter
<b>Connection Type</b>	Leave <b>REST API Base URL</b> selected.
<b>Connection URL</b>	Specify your Okta URL. For example:example.okta.com.

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

Field	Information to Enter
<b>Security Policy</b>	Leave <b>API Key Based Authentication</b> selected.
<b>API Key</b>	Enter the API key associated with your Okta account. See <a href="#">Configure Okta API Key</a> .

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.

# 4


## Activate and Run the Recipe

After you've configured the connections, 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 dialog that appears, click **Confirm**.


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 Configuration Editor, select the integration flow.

- b. Click **Run** , then click **Track Instances**.

On the Track Instances page, you'll see the integration flow of the recipe being triggered and running successfully. The recipe synchronizes email accounts between Okta and Oracle HCM Cloud.

- c. Log in to your Oracle HCM Cloud instance and check for the updated email addresses.

### **Related Documentation**

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