Oracle® Cloud

Create Products in Shopify for Items in Oracle ERP Cloud

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Preface

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

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Documentation Accessibility

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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.
italic	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.

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About This Recipe

Use this recipe to create corresponding products in Shopify when items are created in Oracle ERP Cloud.

> **✎ Note:**
>
> This recipe is available as **Oracle ERP Cloud — Shopify | Create Products for Items** 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 is an application-driven recipe that creates a product in Shopify whenever an item is created in Oracle ERP Cloud.

To use the recipe, you must install the recipe and configure the connections and other resources within the recipe. When an item record is created in the Oracle ERP Cloud instance, the recipe is triggered, and it creates a corresponding product record in Shopify. Basic data, such as attachments, price, title, and product type are synchronized between the two platforms.

System and Access Requirements

- Oracle Integration, Version 21.2.1.0.0 or higher
- Oracle ERP Cloud
- An account on Oracle ERP Cloud with the Administrator role
- Shopify
- An account on Shopify with the Administrator role

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Before You Install the Recipe

You must perform the following configuration tasks on your Oracle ERP Cloud and Shopify instances in order to successfully connect to these external systems using Oracle Integration and transfer product records between them.

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`

Configure Shopify

To configure Shopify, see Prerequisites for Creating a Connection.

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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 **Use a recipe/accelerator** section, click **View all**.

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 Oracle ERP Cloud 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 **Username Password Token**.
User Name	Enter the user name 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 Oracle Shopify Connection

1. In the Connections section, click the connection name.

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

Field	Information to Enter
Host Name	Enter the Shopify host name. The Shopify host name appears in the Shopify home URL. For example: `https://hostname.myshopify.com`.
Shopify REST API Version	Enter the REST API version.

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

Field	Information to Enter
Security Policy	Leave **Shopify Security Policy** selected.
Username	Enter the API key obtained earlier. See Configure Shopify.
Password	Enter the password obtained earlier.
Shared secret	Enter the shared secret obtained earlier.

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** .

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Activate and Run the Recipe

After you've configured the connections, 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.

   To run the recipe, you must perform the following tasks in the Oracle ERP Cloud instance.

   a. On the home page, click **Menu** ≡.

   b. From the list, select **Product Management**, then click **Product Information Management**.

   c. On the Product Information Management page, click **Tasks**, then **Create Item**.

   d. On the Create Item page, select the required organization and item templates, and click **OK**.

   e. On the Item Details page, enter all the mandatory information for the item, like name, description, and so on.

      i. On the **Overview** tab, enter the unit of measure.

      ii. On the **Specifications** tab, enter the pricing details.

      iii. On the **Attachments** tab, add an attachment to the item record.

      iv. Click **Save**.

      You've now created an item record in Oracle ERP Cloud and triggered the recipe.

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 your Shopify instance and check for the new product created.

   a. On the home page, select your Shopify store. For example, `orcl-shop-connector-dev-store`.

   b. On the store page, click Products on the left navigation pane.

      The list of products is displayed, which contains the corresponding product record for the item created in Oracle ERP Cloud.

Related Documentation

• *Using the Shopify Adapter with Oracle Integration 3*

• *Using the Oracle ERP Cloud Adapter with Oracle Integration 3*