

Oracle® Cloud

Manage Objects in OCI Object Storage



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Preface

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

Topics:

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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 manage objects in Oracle Cloud Infrastructure (OCI) Object Storage with a native action.



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 can be used to upload, download, delete or list objects in OCI Object Storage.

To use the recipe, you must install the recipe and configure the resources within the recipe. The recipe uses a native action **OCI Object Storage** to connect to OCI Object Storage service. You don't need to configure an explicit REST adapter connection. The following operations can be used to manage objects in OCI Object Storage:

- **Upload** a file into OCI Object Storage
- **Download** a file from OCI Object Storage
- **List** files in OCI Object Storage
- **Delete** a file in OCI Object Storage

System and Access Requirements

- Oracle Integration 3
- OCI Object Storage
- Access to an OCI Object Storage bucket

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Before You Install the Recipe

Create a dynamic group and policies to use the OCI Object Storage native action.

See **Prerequisites** in *Invoke Oracle Cloud Infrastructure Object Storage from an Integration with an OCI Object Storage Action*.


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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 Lookup Table

Edit the lookup table and enter appropriate values for the lookup keys.

1. In the Lookups section, click the lookup name.
2. Enter appropriate values for the look up keys.

Key	Value
BucketName	Specify the name of the OCI Object Storage bucket where you want to manage objects.
EmailFrom	Enter the email address from which error notifications are to be sent.
EmailTo	Enter the email address to which error notifications are to be sent.

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

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. Test the recipe in Oracle Integration.
 - a. In the Integrations section of the project workspace, click **Actions** ■■■ on the **Oracle Object Storage Handler** integration flow, then select **Run**.
 - b. On the Configure and run page, in the Request section, select **File** and then upload the object to add to OCI Object Storage (for example, a jpg file).
 - c. Click **Run**
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. Check if the object (jpg file) has been added to the specified bucket in OCI Object Storage.
 - a. Go to Oracle Cloud Infrastructure Console.
 - b. In the navigation pane, select **Storage** and then **Buckets**.
 - c. Select the bucket and check if the file that you uploaded is displayed under the Objects section.

Related Documentation

- [OCI Object Storage documentation](#)