

Oracle® Cloud

Create Jira Issues for Exceptions in Integrations



G26996-01
February 2025



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G26996-01

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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 automatically create a Jira issue when an exception is raised in an integration.



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 demonstrates a process for creating issues in Jira, in response to integration failures. Any integration experiencing an exception may invoke this recipe, passing the requisite information to facilitate Jira issue creation.

To use the recipe, you must install the recipe and configure the connection and other resources within it. When an exception occurs in an integration, the recipe sends a request to your Jira instance with the captured exception data. Subsequently, an issue is created in Jira with the details provided in the request payload.

System and Access Requirements

- Oracle Integration 3
- Atlassian
- An account on Atlassian with the Administrator role

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Before You Install the Recipe

You must perform the following configuration tasks on your Atlassian instance in order to successfully connect to it using Oracle Integration and create Jira issues for exceptions in integrations.

Create an API Token in Your Atlassian Account

You'll require an API token to connect to your Atlassian instance from Oracle Integration.

To create an API token:

1. Log in to your Atlassian account using the following URL: <https://id.atlassian.com>.
2. On the Start page, click **Account Settings**.
3. On the left navigation pane, click **Security**.
4. On the Security page, scroll to the API token section and click the **Create and manage API tokens** link.
5. On the API Tokens page, click **Create API token**.
6. In the resulting dialog, enter a label for the new token, and click **Create**.

A new API token is generated.

7. Copy the token's value.


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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 Jira Connection

1. In the Connections section, click the connection name.
2. In the Properties section, enter your Atlassian instance URL in the **Host name** field. For example: `https://myinstance.atlassian.net/`.
3. In the Security section, enter the following details:

Field	Information to Enter
Security Policy	Leave Basic Authentication selected.
Username	Enter the email ID associated with your Atlassian account.
Password	Enter the API token you created in your Atlassian account. See Create an API Token in Your Atlassian Account .

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 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. Test the recipe in Oracle Integration.
 - a. In the Integrations section of the project workspace, click **Actions** ■■■ on the **Create Issue in Jira** integration flow, then select **Run**.
 - b. On the Configure and run page, in the Request section, click the **Body** tab and enter the request data.

Example:

```
{
  "summary": "Integration issue reported test-id",
  "issueTypeName": "Task",
  "projectKey": "OP",
  "description": "epic test\n\n*dssdf*",
  "reporterId": "712020:04e44ed7-d804-456f-b566-8b831a3031eb"
}
```

Note:

Enter the correct **projectKey** and **issueTypeName** as per your Jira environment.

- 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. Verify that a new Jira issue is created with the required information.
 - a. Log in to your Atlassian instance: <https://<hostname>.atlassian.net/>.
 - b. Open the project in which the issue is created.
 - c. Open the newly created Jira issue and check if the details match the information passed in the request payload.

Related Documentation

- *Using the Jira Adapter with Oracle Integration 3*