

Oracle® Cloud

Integrate with DocuSign



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Primary Author: Oracle Corporation

Contents

1	About This Recipe	
	Overview	1-1
	System and Access Requirements	1-2
2	Before You Install the Recipe	
	Configure DocuSign	2-1
3	Install and Configure the Recipe	
	Configure the Oracle DocuSign Connection	3-1
	Configure the Oracle REST Connection	3-2
4	Activate and Run the Recipe	

Preface

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

Topics:

- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Conventions](#)

Documentation Accessibility

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Access to Oracle Support

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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.
<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 these recipes to create a draft envelope in your DocuSign account and retrieve the status of an existing DocuSign envelope from an external application.



Note:

These recipes are available in Oracle Integration as:

- **REST — DocuSign | Create Envelope**
- **REST — DocuSign | Get Envelope Status**

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

With these recipes, you can:

- Create a draft envelope containing a document (for example, a PDF) in your DocuSign account. Subsequently, from your DocuSign account, you can edit this envelope and send it to the required recipients.
- Retrieve the status of an existing envelope in your DocuSign account.

To use the recipes, you must install the recipes and configure the connections within them. Subsequently, you can activate the recipes and trigger their respective integration flows through REST requests with necessary request parameters.

Integration	Description	Parameters required to run the recipe
Oracle REST DocuSign Create Envelope	Creates a draft envelope containing a document in your DocuSign account.	Provide the following parameters in the request message: <ul style="list-style-type: none">• document id: Specify the ID of the document you want to insert within a DocuSign envelope• name: Specify the name of the document.• documentBase64: Specify the Base64 value for the document.
Oracle REST DocuSign Get Envelope Status	Retrieves the status of an existing envelope in your DocuSign account.	Provide the ID of the DocuSign envelope of which you want the status.

System and Access Requirements

- Oracle Integration, Version 24.04 or higher
- DocuSign
- An account on DocuSign with the Administrator role

2

Before You Install the Recipe

You must perform the following configuration tasks on your DocuSign instance in order to connect to it using Oracle Integration and successfully create a draft envelope or retrieve the status of an existing DocuSign envelope.

Configure DocuSign

To connect to DocuSign from Oracle Integration, you must create an OAuth application on your DocuSign instance and obtain access keys for the application.

1. Log in to your DocuSign Developer account at <https://appdemo.docusign.com/home>.
2. Click the **Settings** tab on the title bar.
3. On the resulting page, scroll to the INTEGRATIONS section in the left navigation menu, and click **Apps and Keys**.
4. On the Apps and Keys page, click **ADD APP AND INTEGRATION KEY**.
5. In the Add Integration Key dialog, enter a name for the app and click **CREATE APP**.
6. On the app's page:
 - a. Under the General Info section, copy the **Integration Key** displayed using the **Copy to clipboard** icon.
 - b. In the Authentication section:
 - i. Under **User Application**, select **Authorization Code Grant**.
 - ii. Under **Secret Keys**, click **ADD SECRET KEY**. After the secret key is added, copy its value using the **Copy to clipboard** icon.
 - c. In the Additional settings section, under **Redirect URIs**, click **ADD URI** and enter the following redirect URI.

```
https://{OIC_HOST}:{OIC_SSL_PORT}/icsapis/agent/oauth/callback
```

Replace `OIC_HOST` and `OIC_SSL_PORT` with values specific to your Oracle Integration instance.

- d. Click **Save**.

You're redirected back to the Apps and Keys page. The newly created app is displayed under the Apps and Integration Keys section.
7. Optionally, on the Apps and Keys page, get the API account ID of your DocuSign account. You'll require this ID if you want to log in to multiple accounts for a given user.


Under the My Account Information section, copy the API Account ID displayed using the corresponding Copy to clipboard icon.
8. Get the DocuSign account ID.
 - a. Click the profile image in the upper-right corner of the page.

- b. In the menu that displays, note the account ID under your name.

3

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 DocuSign Connection


1. In the Connections section, click the connection name.
2. In the Security section, enter the following details:

Field	Information to Enter
Client ID	Enter the integration key of the OAuth application created in DocuSign. See Configure DocuSign .
Client Secret	Enter the client secret of the OAuth application created in DocuSign.
Scope	Enter <code>signature extended</code> .
Instance Type	Select Sandbox .
Account ID	Enter the API account ID of your DocuSign account. See Configure DocuSign .

3. Click **Save**. If prompted, click **Save** again.
4. Click **Provide Consent**.
5. In the resulting Sign in dialog, enter your Oracle Integration user name and password, and click **Sign in**.
You'll now be redirected to the DocuSign login page.
6. Enter your DocuSign account credentials and click **Continue** to log in.
You're prompted to authorize the connection to the DocuSign application created previously.
7. On the DocuSign web page, click **ACCEPT**.
You're informed that access to DocuSign is allowed. You can now switch back to the DocuSign Connection window of Oracle Integration to test your connection.

8. 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.
9. To return to the project workspace, click **Go back** .

Configure the Oracle REST Connection

1. In the Connections section, click the connection name.
2. In the Security section, select **OAuth 2.0 Or Basic Authentication** as the security policy.
3. Click **Save**. If prompted, click **Save** again.
4. 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.
5. To return to the project workspace, click **Go back** .

4

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. Run the recipe from an external application.
 - a. In the Integrations section of the project workspace, click **Actions** **...** on the integration flow, then select **Run**.
 - b. On the Configure and run page, click **Endpoint metadata**.
 - c. In the panel that opens, copy the **Endpoint URL** value. This is the integration flow's endpoint URL.
 - d. From the external application, send the required REST command to this endpoint URL along with the request parameters. See **Parameters required to run the recipe** in [Overview](#).
3. Test the recipe in Oracle Integration.
 - a. In the Integrations section of the project workspace, click **Actions** **...** on the integration flow, then select **Run**.
 - b. On the Configure and run page, in the Request section, enter the parameters required to run the recipe.
 - c. Click **Run**
The Activity stream pane appears displaying the status of the integration instance's execution.
 - d. In the Response section of the Configure and run page, you'll find a success status 200 OK.
4. View the response payload in the Activity stream to verify if the action is successful.
 - For the **REST — DocuSign | Create Envelope** recipe, check if the response returned contains the new envelope ID.
 - For the **REST — DocuSign | Get Envelope Status** recipe, check if the response returned contains the status and the last status-change date and time.

Related Documentation

- *Using the DocuSign Adapter with Oracle Integration 3*
- *Using the REST Adapter with Oracle Integration 3*