Oracle® Banking Origination

Common Core Generative AI Service Integration Guide

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Oracle Banking Origination Common Core Generative AI Service Integration Guide, Release 14.7.3.0.0

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Preface

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- Audience
- Documentation Accessibility
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Purpose

This guide is to help with Integration of Oracle Banking Origination Product with Common Core Generative AI Service.

Audience

This guide is intended for the Implementation and IT Staff to implement and maintain the software.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

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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.

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.

1

Integration Guide

This topic provides the information about the Common Core Generative AI Service.

You can integrate Oracle Banking Origination with Common Core Generative AI Service acting through Oracle Banking Routing Hub. Integration to Common Core Generative AI Service will enable the product to leverage Generative AI skills in two areas.

- Qualitative Scorecard Analysis
- Adhoc Comparative Questions for a particular application

This document briefs you about the specific steps needed for the integration of these two products and specific maintenances.

> **Note:**
>
> For configuration details of setting up Common Core Generative AI Service, refer **Rule Configuration** screen from the **Configurations User Guide.**

This topic contains the following subtopics:

- Maintenance for Oracle Banking Origination
  This topic describes systematic instructions to maintain Oracle Banking Routing Hub configuration in common core for Common Core Generative AI Service.
- Maintenance of Generative AI API Key as Environment Variable
  This topic describes instructions to configure the API Key that needs to be configured to use the Generative AI.

1.1 Maintenance for Oracle Banking Origination

This topic describes systematic instructions to maintain Oracle Banking Routing Hub configuration in common core for Common Core Generative AI Service.

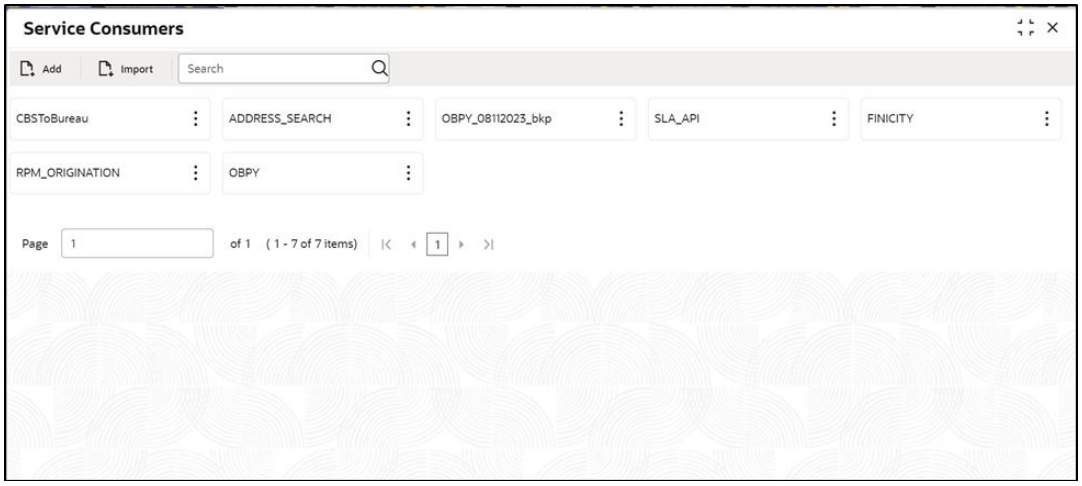
To maintain Oracle Banking Routing Hub configuration in common core for the Common Core Generative AI Service.

Specify **User ID** and **Password**, and login to **Home** screen.
To import the services:

1. From **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
2. Under **Routing Hub**, click **RPM_ORIGINATION**.

   The **Service Consumers** screen displays.

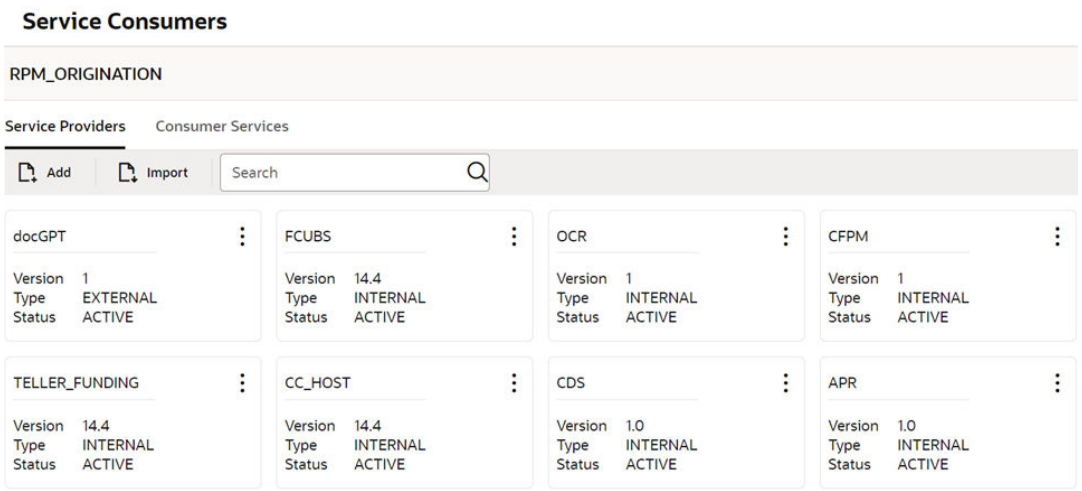
Figure 1-1 Service Consumers



3. Click **Import** and select the **RPM_ORIGINATION_docGPT1_Provider.json** provided in the release into the respective Routing Hub configuration levels.
4. Under **RPM_ORIGINATION Service Providers**, click **docGPT**.

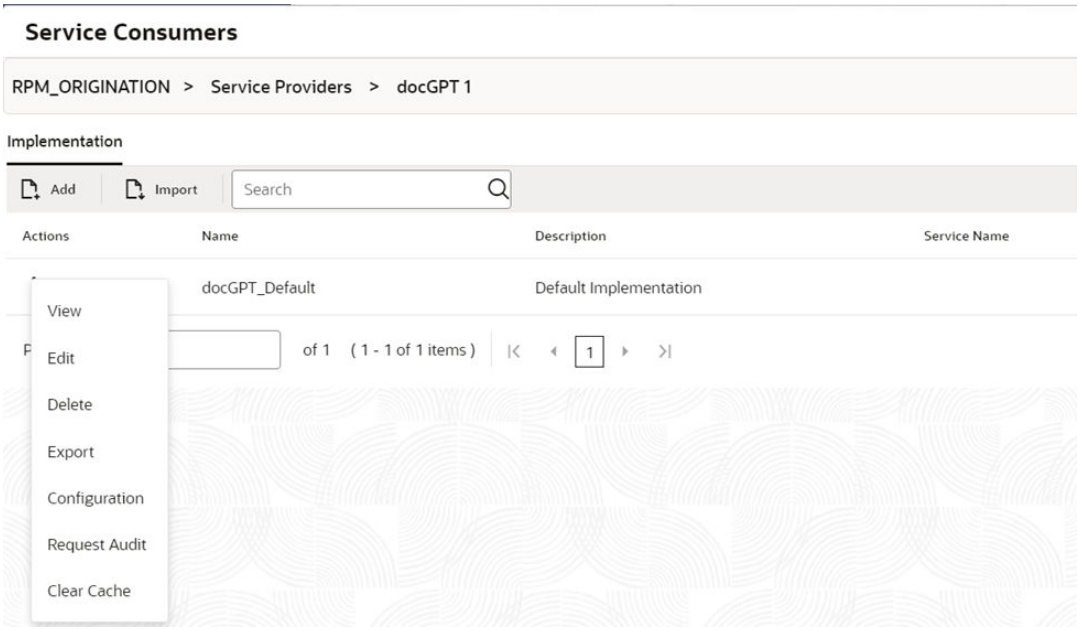
   The **RPM_ORIGINATION - docGPT** screen displays.

Figure 1-2 RPM_ORIGINATION Service Providers - docGPT



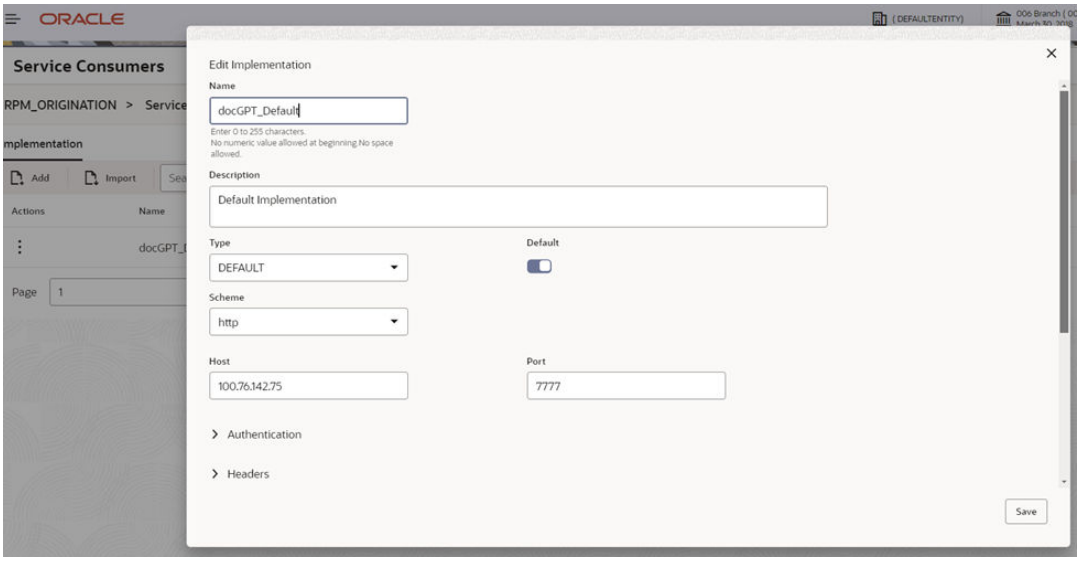
5. Click actions from **docGPT** tile to edit the record.

Figure 1-3 Edit- docGPT



6. Click **Edit**.

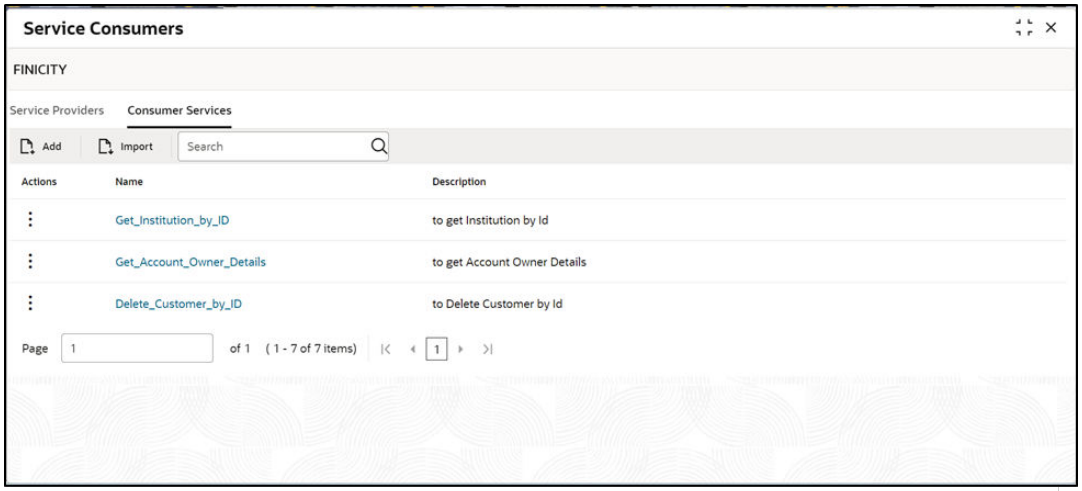
Figure 1-4 Edit Implementation



7. Change the host and port as per the Common Core Generative AI Service deployment and save it.
8. From **RPM_ORIGINATION** screen, click **Consumer Service**.

   The **Consumer Service** screen displays.

Figure 1-5 Consumer Services



9. Click **Import** below Routing Hub json files:
   - RPM_ORIGINATION_Submit_Question_DocGPT_Service.json
   - RPM_ORIGINATION_Train_DocGPT_Model_Service.json

1. **API for Training**

This allows the Oracle Banking Origination to call Common Core Generative AI service to train the documents which are uploaded in the Customer level as well as in the Application level. This is done by default when the stage containing the Customer Information data-segment is submitted.

Table 1-1 Routing Hub Details

Service Provider	Consumer Services	Transformation	Service
docGPT	Train_DocGPT_Model	Train_DocGPT_Model_Transform	Train Documents - /docGpt/docCombined/train
docGPT	Train_DocGPT_Model	Train_DocGPT_Model_Forms_Transform	Application Forms Submit - /pdfDoc/train

2. **Submit Questions API:**

This allows the Oracle Banking Origination to call Common Core Generative AI service to ask questions based on the previously uploaded documents. The response will contain Generative AI answers based on the context obtained from the uploaded documents.

Table 1-2 Routing Hub Details

Service Provider	Consumer Services	Transformation	Service
docGPT	Submit_Question_DocGPT	Submit_Question_DocGPT_Transform	submitQuestion - /docGpt/docCombined/submitQuestion
docGPT	Submit_Question_DocGPT	Submit_Question_DocGPT_Forms_Transform	Application form submit question - /pdfDoc/submitQuestion

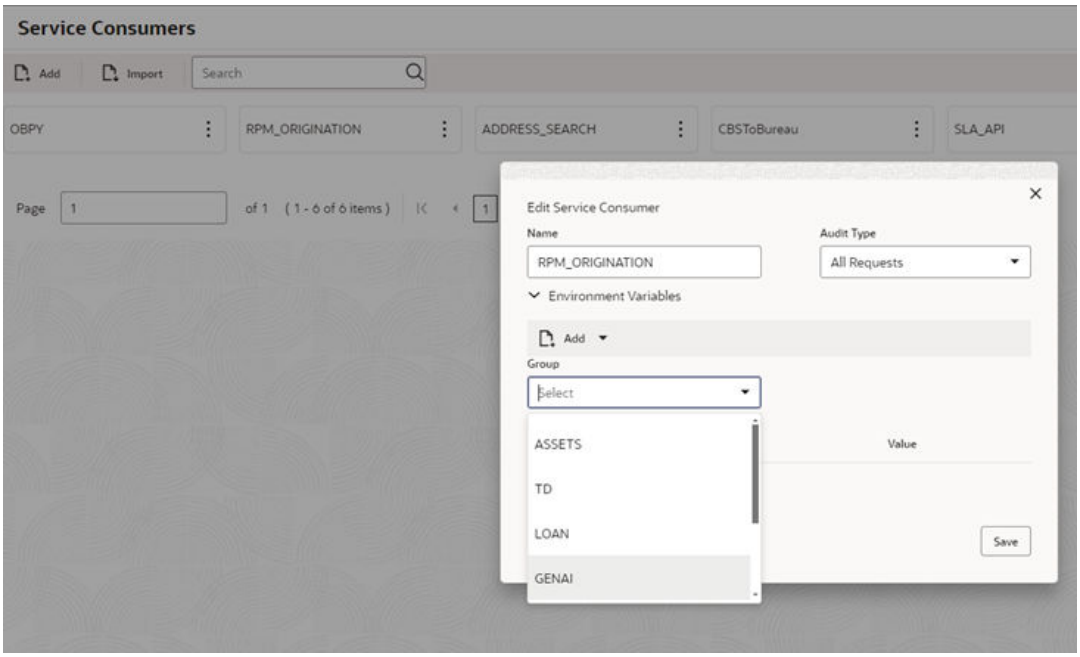
1.2 Maintenance of Generative AI API Key as Environment Variable

This topic describes instructions to configure the API Key that needs to be configured to use the Generative AI.

This topic describes instructions to configure the API Key that needs to be configured to use the Generative AI.

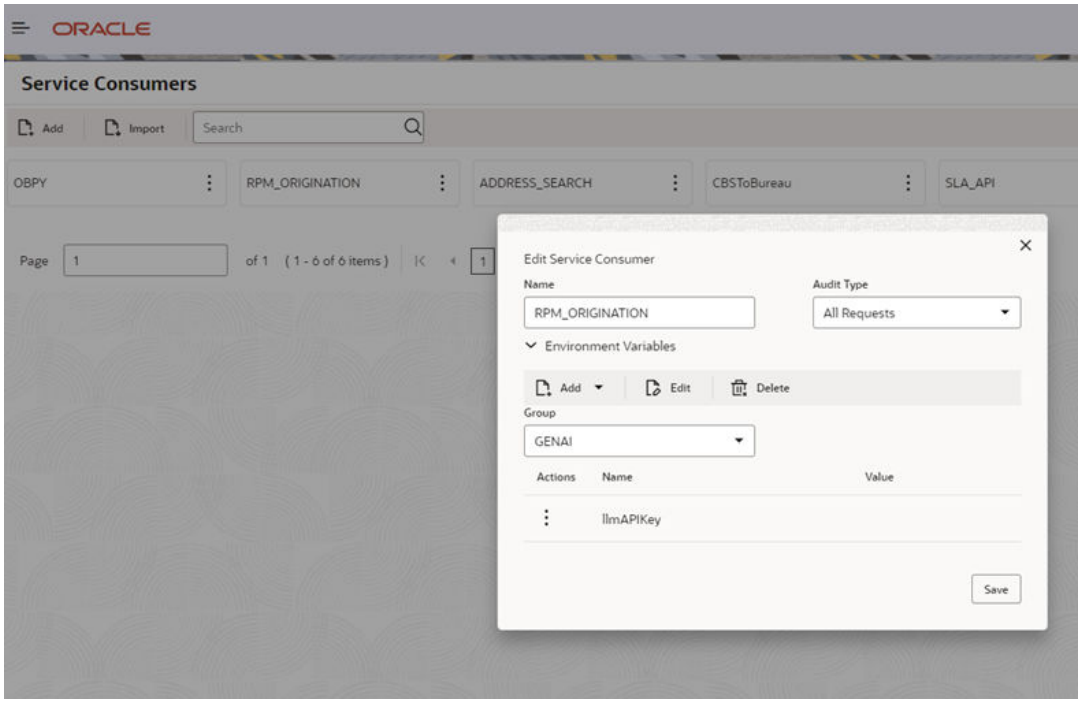
1. Obtain the API Key of the Generative AI instance that is going to be used.
2. From **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
3. Under **Routing Hub**, click **Service Consumers**.
4. Find **RPM_ORIGINATION** and click on **Edit**.

Figure 1-6 Edit Service Consumer



5. Under Environment Variables, add **GENAI** as new group, if not already existing.
6. Add **llmAPIKey** as a new variable. Add the API Key obtained in step 1 as the value.

Figure 1-7 Add - GenAI



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