

Oracle® Banking Origination

Oracle FLEXCUBE Universal Banking Integration Guide



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ORACLE®

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Preface

Introduction

This guide describes the systematic instruction to integrate Oracle Banking Origination Product with oracle FLEXCUBE Universal Banking acting as the backend Product Processor.

Audience

This guide is primarily intended for the following user/user roles:

Table Audience

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

List of Topics

This guide is organized as follows:

Table List of Topics

Topics	Description
Integration Guide	This topic provides information on the integration of Oracle Banking Origination with OracleFLEXCUBE Universal Banking.

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)

Purpose

This guide is to help with Integration of Oracle Banking Origination with Oracle FLEXCUBE Universal Banking acting as the backend Product Processor.

Audience

This guide is primarily intended for the following user/user roles:

Table Audience

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

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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.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which user supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that user enter.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

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Integration Guide

This topic describes about the information on integration guide for Oracle Banking Origination.

User can integrate Oracle Banking Origination with Oracle FLEXCUBE Universal Banking acting as the backend Product Processor through Oracle Banking Routing Hub. This document describes about the specific steps required for integration of these two products and specific maintenances.

This topic contains the following subtopics:

- [Maintenance for Oracle FLEXCUBE Universal Banking](#)
This topic describes information about the maintenance for Oracle FLEXCUBE Universal Banking.
- [Maintenance for Oracle Banking Origination](#)
This topic describes the systematic instructions about maintenance of Oracle Banking Origination.
- [Maintenance for Product Processor as environment variable](#)
This topic describes information about the maintenance for Oracle FLEXCUBE Universal Banking.

1.1 Maintenance for Oracle FLEXCUBE Universal Banking

This topic describes information about the maintenance for Oracle FLEXCUBE Universal Banking.

Gateway setup should be done in Oracle FLEXCUBE Universal Banking for particular source system (Oracle Banking Origination) by doing maintenance in the below mentioned screens.

1. CODSORCE – Upload Source Maintenance.

Figure 1-1 Upload Source Maintenance

The screenshot shows a web-based application window titled "Upload Source Maintenance". It features a toolbar with "New" and "Enter Query" buttons. The main content area contains a form with two input fields: "Source Code" and "Description". Below these fields are four checkboxes: "Base Data From FLEXCUBE", "System Authorization Required", "REST JWT Authorization Required", and "REST JWT Authorization Required". At the bottom right of the window are "Audit" and "Exit" buttons.

2. CODUPLDM – Upload Source Preferences Maintenance – For modules CL and ST.

Figure 1-2 Upload Source Preferences Maintenance

Upload Source Preferences Maintenance

Save

Source Code *

Module Code *

Error Handling

On Error *

On Override *

Post Upload

Status *

Purge Days

Allow Deferred Processing ☐

Allow EOD with Deferred ☐

Deletion Allowed ☐

Function ID Preferences

3. GWDETSYS – External System Maintenance.

Figure 1-3 External System Maintenance

External System Maintenance

New Enter Query

External System *

Description

Message Exchange Pattern

Request Message

Response Message

XSD Validation Required ☐

Correlation Pattern

Request

Message ID

Queue

Default Response Queue

Dead Letter Queue

Register Response Queue Message Id ☐

External System Queues

☐ In Queue Response Queue

No data to display.

Page 1 (0 of 0 items)

FTP Parameters

4. GWDETFUN – External System Functions – for below function and actions.

Table 1-1 Function IDs

Function ID	Action
STGCUSAC	NEW
STGCUSTD	NEW
STQTDSIM	VIEW
CLGACCNT	NEW
CLGSIMNT	VIEW
CLQPRMNT	VIEW
CLVPRMNT	VIEW
STQACLIC	VIEW
STQACUVL	VIEW
STVACCLS	VIEW
STGCOLAT	NEW

Figure 1-4 External System Functions

5. SMDROLDF – Role Definition – The function ids in the above table needs to be added to the correct role. This role needs to be mapped with Oracle FLEXCUBE Universal Banking user which is configured in the PLATO PROPERTIES table of Oracle Banking Origination.

Figure 1-5 Role Maintenance

1.2 Maintenance for Oracle Banking Origination

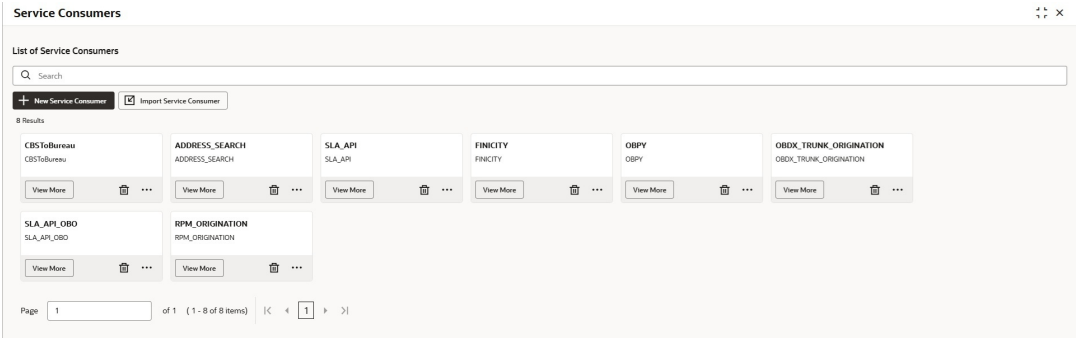
This topic describes the systematic instructions about maintenance of Oracle Banking Origination.

Maintain the Oracle Banking Routing Hub configuration in common core for Oracle FLEXCUBE Universal Banking.

1. From **Home** screen, click **Interconnect** and click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers**.

The **Service Consumers** screen displays.

Figure 1-6 Service Consumers



3. Click **Import Service Consumer**.
The **Import Service Consumer - Basic Details** screen displays.

Figure 1-7 Import Service Consumer - Basic Details

The screenshot shows the 'Import Service Consumer - Basic Details' form. It has a title bar with a close icon. Below the title bar, there are navigation arrows and the text 'Basic Details (1/2)'. The main content area has a dashed box with the text 'Drag and Drop' and 'Select a file or drop one here.' Below this, there are two input fields: 'File' and 'Name'. At the bottom, there are two sections with radio buttons: 'Overwrite extended templates' (Yes/No) and 'Overwrite environment variables' (Yes/No). A 'Next Step' button is at the bottom right.

For more information, refer to the fields description table below.

Table 1-2 Import Service Consumer - Basic Details

Field	Description
Drag and Drop	Click Drag and Drop to upload the OBOConsumer.zip file for the current release.
File	Displays the uploaded file name.
Name	Displays the name of provider.
Overwrite extended templates	Select the overwrite extended templates. The available options are: • Yes • No
Overwrite environment variables	Select the overwrite environment variables. The available options are: • Yes • No

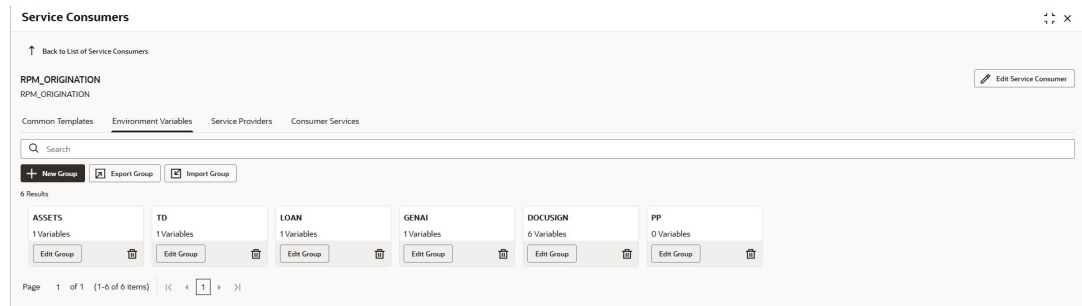
- Click **Next Step**.

The **Import Service Consumer - Providers** screen displays.

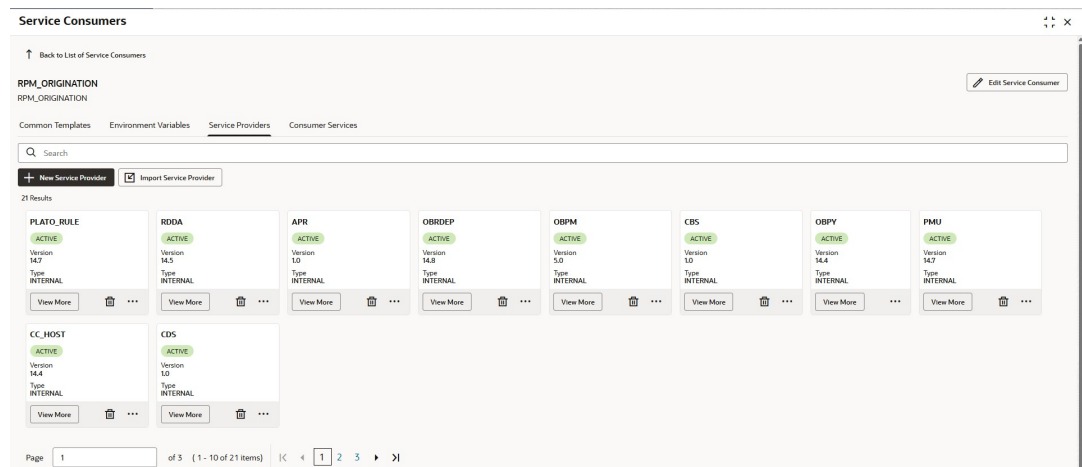
Figure 1-8 Import Service Consumer - Providers

The screenshot shows the 'Import Service Consumer - Providers' interface. It includes a title bar, a navigation bar with 'Providers (2/2)', a table with a 'Provider' column and a checkbox, a 'No data to display.' message, a pagination bar with 'Page 1 (0 of 0 items)', and an 'Import' button.

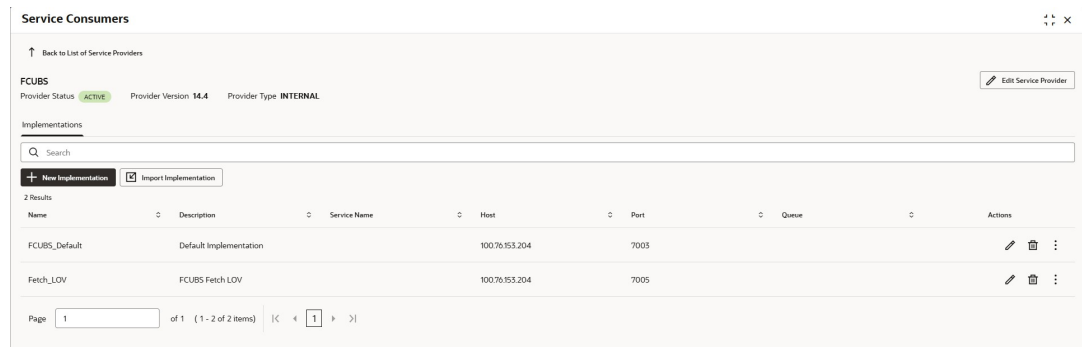
- Click **Import**.
A service consumer tile is updated for the release.
- Click **View More** on the RPM_ORIGINATION tile.
The **RPM_ORIGINATION** screen displays.

Figure 1-9 RPM_ORIGINATION

7. Click **Service Provider** tab.
The **Service Provider** tab displays.

Figure 1-10 Service Provider

8. Click **View More** on the FCUBS tile.
The **FCUBS** screen displays.

Figure 1-11 FCUBS

9. Click .
The **Edit Implementation** screen displays.

Figure 1-12 Edit Implementation

10. Change the host and port as per the Oracle FLEXCUBE Universal Banking installation and click **Save**.
 11. Repeat the same for all the FCUBS Service Providers.
- The below consumer services will be imported.

Table 1-3 List of Consumer Service

Consumer Service	Description
Collateral_Creation	Usage: Create Local Collateral Service: FCUBSCoreService Operation: CreateLocalCollateral
CASA_Account_Creation	Usage: Create CASA Account Service: FCUBSAccService Operation: CreateCustAcc
Loan_Simulation	Usage: Perform Loan Account Simulation Service: FCUBSCLService Operation: CreateAccountSim
TD_Simulation	Usage: Perform Term Deposit Account Simulation Service: FCUBSAccService Operation: QueryTDCustAccSim

Table 1-3 (Cont.) List of Consumer Service

Consumer Service	Description
Get_Liability_Interest_Details	Usage: Fetch Liability Interest and Charge Details Service: FCUBSSTService Operation: QueryAccClasUde
Get_Liability_Product_Details	Usage: Fetch Liability Product Details Service: FCUBSSTService Operation: QueryAccClasQuery
Get_Loan_Product_Details	Usage: Fetch Loan Product Details Service: FCUBSCLService Operation: QueryProduct
List_All_Loan_Products	Usage: List Loan Products Service: FCUBSCLService Operation: SummaryQueryProduct
List_All_Liability_Products	Usage: List Liability Products Service: FCUBSSTService Operation: SummaryQueryAccClasMaint
TD_Account_Creation	Usage: Create Term Deposit Account Creation Service: FCUBSAccService Operation: CreateTDCustAcc
Loan_Account_Creation	Usage: Create Loan Account Creation Service: FCUBSCLService Operation: CreateAccount
fetchTDAccount	Usage: Fetch TD accounts which are tagged as Collateral Linkage , for a particular customer number. This will be used for attaching TD accounts as collaterals in Oracle Banking Origination screens Service: fcubs-co-mo-lov-service Note: Make sure that the above service is deployed in FCUBS. Also make sure that the following INC which is released as part of FCUBS is present in CSTB_LOV_INFO table.

1.3 Maintenance for Product Processor as environment variable

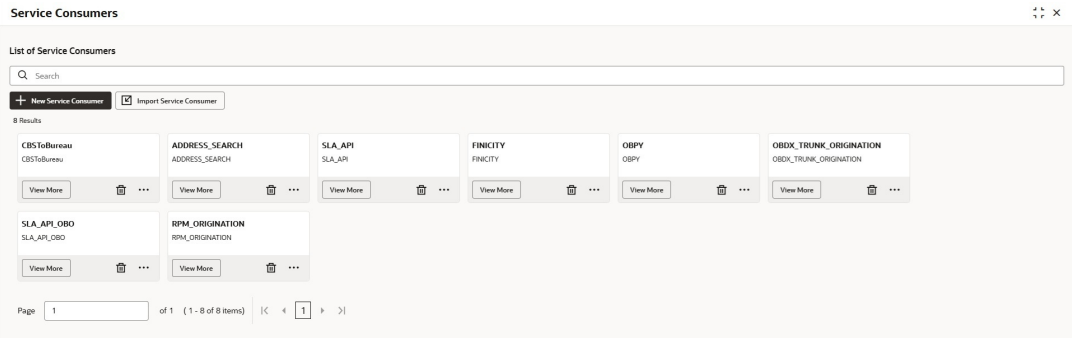
This topic describes information about the maintenance for Oracle FLEXCUBE Universal Banking.

Gateway setup should be done in Oracle FLEXCUBE Universal Banking for particular source system (Oracle Banking Origination) by doing maintenance in the below mentioned screens.

1. From **Home** screen, click **Interconnect** and click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers**.

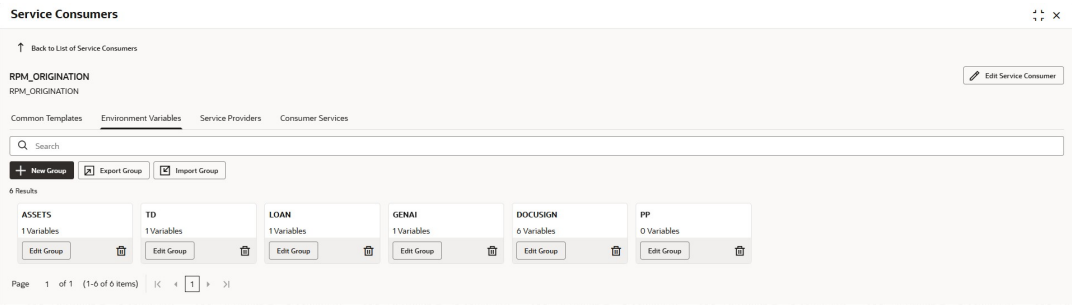
The **Service Consumers** screen displays.

Figure 1-13 Service Consumers



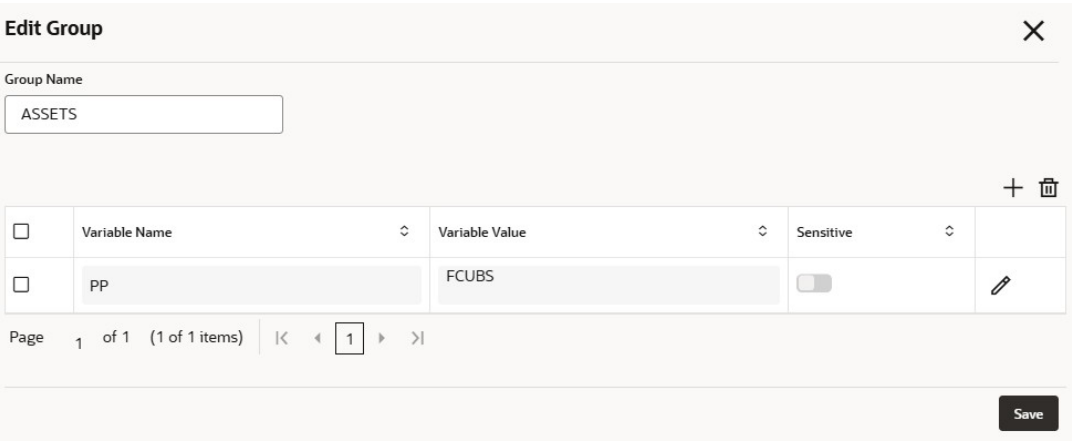
- Click **View More** on the RPM_ORIGINATION tile.
The **RPM_ORIGINATION** screen displays.

Figure 1-14 RPM_ORIGINATION - Environment Variables



- Click **Edit Group** on the Assets tile.
The **Edit Group** screen displays.

Figure 1-15 Edit Group



- Click and update **PP** as Variable Name, **FCUBS** as Variable Value.
The Variable Value is shown as **FCUBS** by default. User can update it manually if it is not shown.

6. Repeat the same steps above for TD and LOAN groups.

Figure 1-16 Edit Group - TD

Edit Group

Group Name

TD

☐	Variable Name	Variable Value	Sensitive	
☐	PP	FCUBS	☐	

Page 1 of 1 (1 of 1 items)

1

Save

Figure 1-17 Edit Group - Loan

Edit Group

Group Name

LOAN

☐	Variable Name	Variable Value	Sensitive	
☐	PP	FCUBS	☐	

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Save

7. Click **Save** to save the changes.

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