

# Oracle® Banking Origination

## Oracle FLEXCUBE Universal Banking Integration Guide



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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
<a href="#">Integration Guide</a>	This topic provides information on the integration of Oracle Banking Origination with OracleFLEXCUBE Universal Banking.

- [Purpose](#)  
(Required) <Enter a short description here.>
- [Audience](#)  
(Required) <Enter a short description here.>
- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)
- [Conventions](#)

## Purpose

(Required) <Enter a short description here.>

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

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The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	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.
<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.

# 1

## 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.

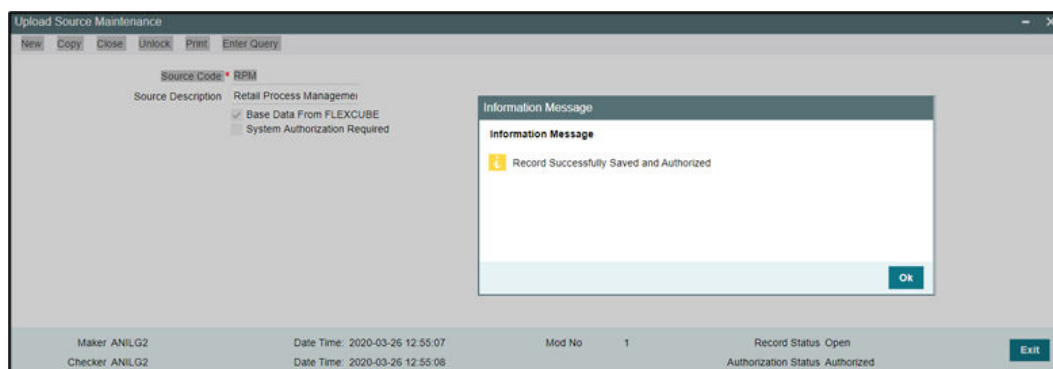
### 1.1 Maintenance for Oracle FLEXCUBE Universal Banking

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.

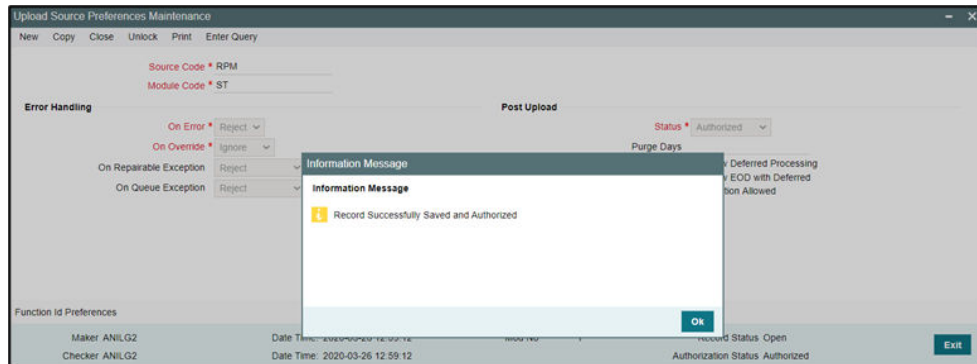
1. CODSORCE – Upload Source Maintenance.

**Figure 1-1 Upload Source Maintenance**



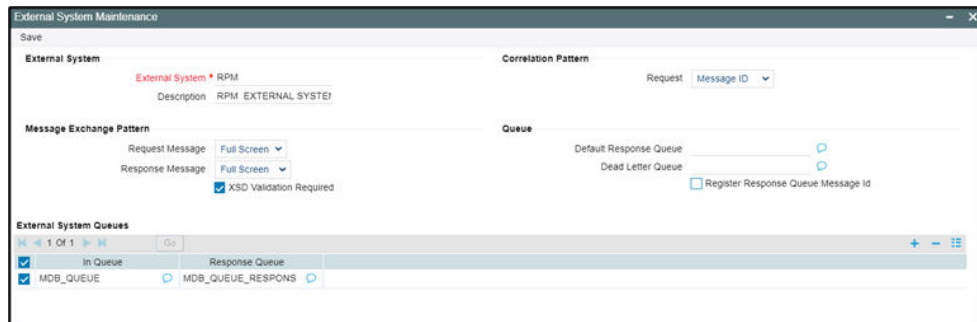
2. CODUPLDM – Upload Source Preferences Maintenance – For modules CL and ST.

**Figure 1-2 Upload Source Preferences Maintenance**



3. GWDETSYS – External System Maintenance.

**Figure 1-3 External System Maintenance**

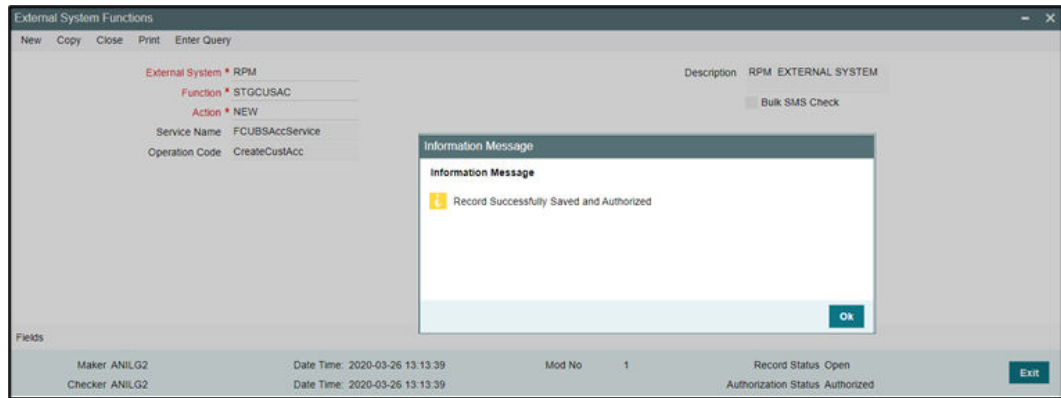


4. GWDEFUN – External System Functions – for below function and actions.

**Table 1-1 Function IDs**

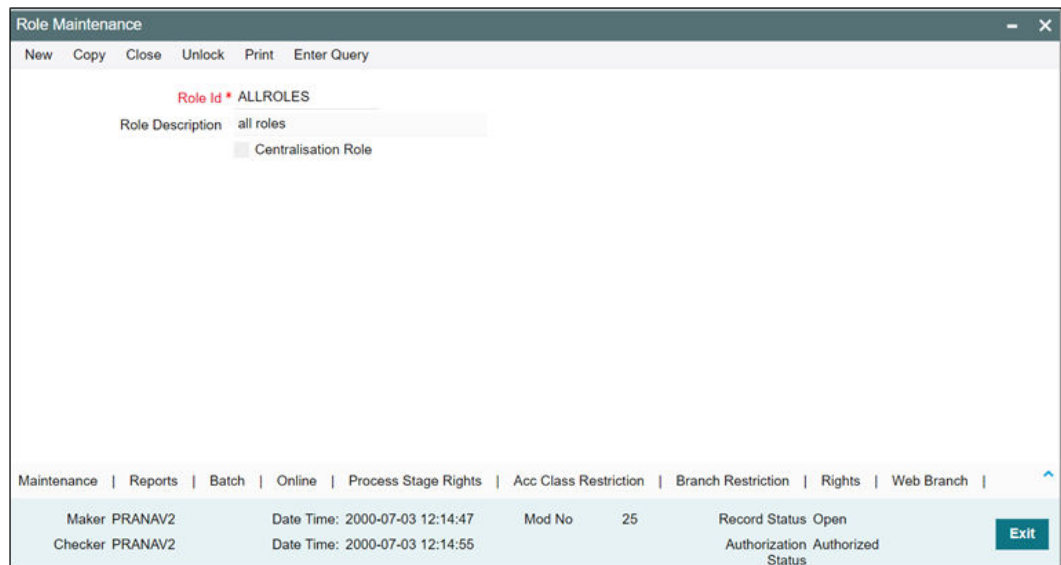
Function ID	Action
STGCUSAC	NEW
STGCUSTD	NEW
STQTDSIM	VIEW
CLGACCNT	NEW
CLGSIMNT	VIEW
CLQPRMNT	VIEW
CLVPRMNT	VIEW
STQACLIC	VIEW
STQACUVL	VIEW
STVACCLS	VIEW
STGCRLIB	NEW
STQLMBAL	VIEW
STGCOLAT	NEW
STGCRLIK	NEW

**Figure 1-4 External System Functions**



5. SMDROLDF – Role Definition – The function ids in above [Table 4](#) 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.

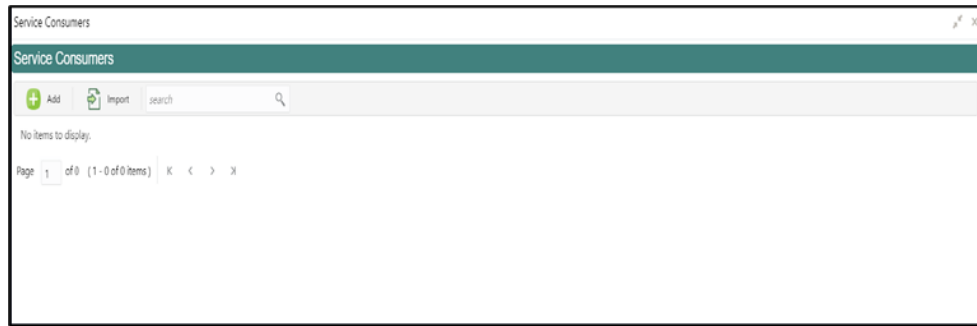
Maintain the Oracle Banking Routing Hub configuration in common core for Oracle FLEXCUBE Universal Banking.

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

The **Service Consumers** screen displays.

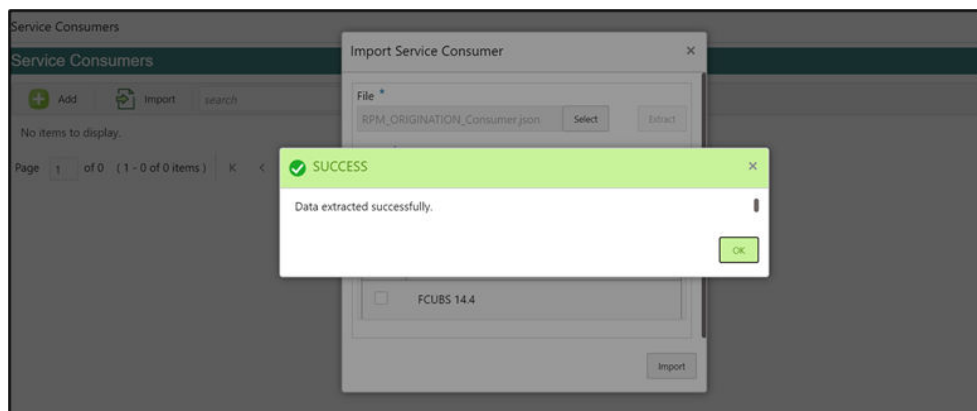


**Figure 1-6 Service Consumers**



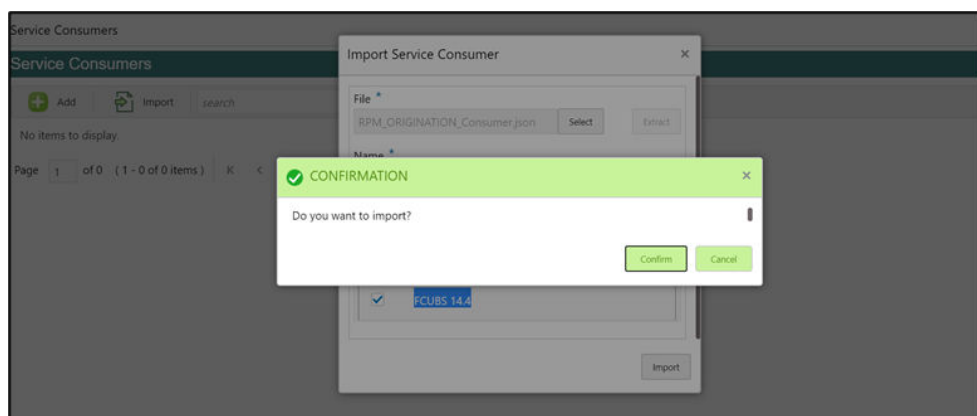
3. Click **Import** and upload the RPM\_ORIGINATION\_Consumer.json file provided in the release and click **Extract**.

**Figure 1-7 Success**

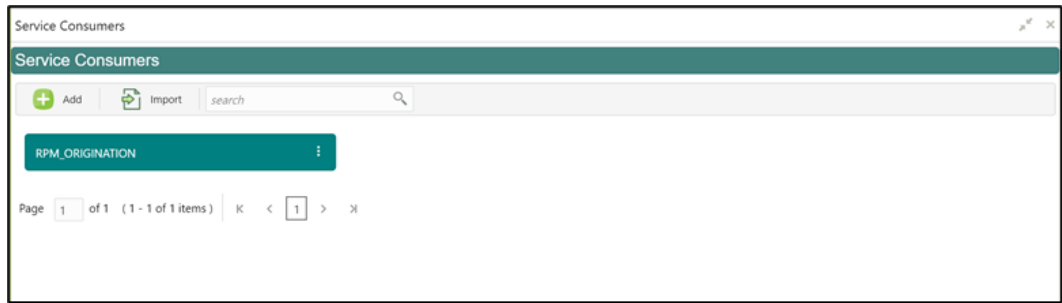


4. Select **FCUBS** and click **Import**.

**Figure 1-8 Confirmation**

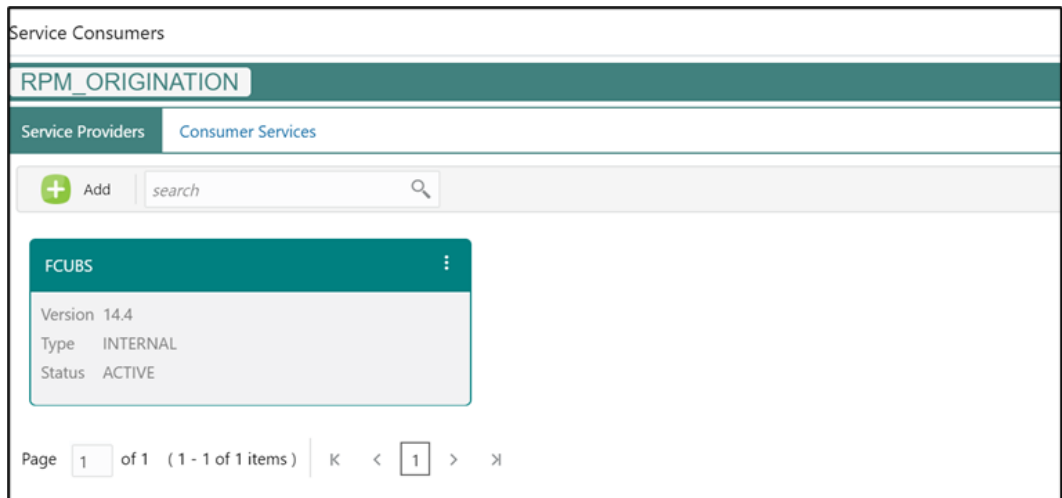


**Figure 1-9 RPM Origination**

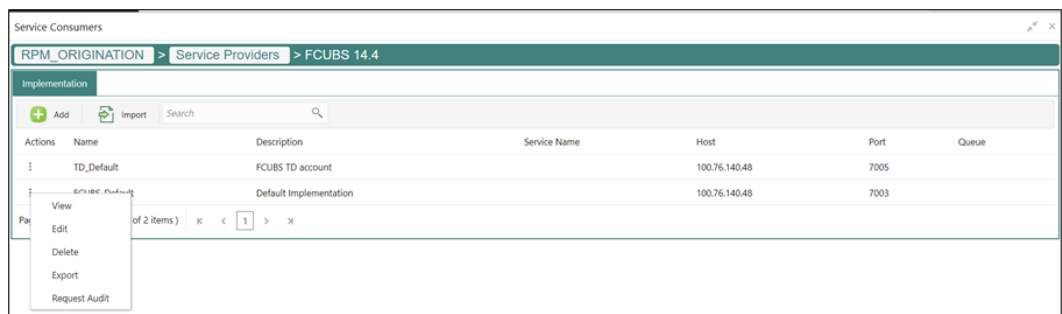


5. Click **RPM\_ORIGINATION**.
6. Under **RPM\_ORIGINATION**, click **FCUBS**.

**Figure 1-10 RPM Origination**

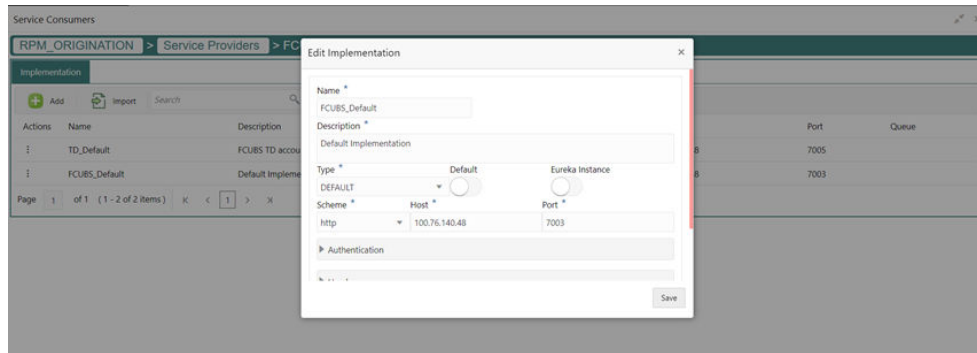


**Figure 1-11 RPM Origination**



7. Click **Edit**.
8. Change the host and port as per the Oracle FLEXCUBE Universal Banking installation and save it.

**Figure 1-12 Edit Implementation**



9. Repeat the same for all the FCUBS Service Providers.  
The below consumer services will be imported.

**Table 1-2 List of Consumer Service**

Consumer Service	Description
Collateral_Creation	<b>Usage:</b> Create Local Collateral <b>Service:</b> FCUBSCoreService <b>Operation:</b> CreateLocalCollateral
Liability_Creation	<b>Usage:</b> Create Liability <b>Service:</b> FCUBSCoreentitiesService <b>Operation:</b> CreateLiability
Customer_Liability_Linkage	<b>Usage:</b> Create Customer Liability <b>Service:</b> FCUBSCoreentitiesService <b>Operation:</b> CreateCustomerLiab
CASA_Account_Creation	<b>Usage:</b> Create CASA Account <b>Service:</b> FCUBSAccService <b>Operation:</b> CreateCustAcc
Loan_Simulation	<b>Usage:</b> Perform Loan Account Simulation <b>Service:</b> FCUBSCLService <b>Operation:</b> CreateAccountSim
TD_Simulation	<b>Usage:</b> Perform Term Deposit Account Simulation <b>Service:</b> FCUBSAccService <b>Operation:</b> QueryTDCustAccSim
Get_Liability_Interest_Details	<b>Usage:</b> Fetch Liability Interest and Charge Details <b>Service:</b> FCUBSSTService <b>Operation:</b> QueryAccClasUde
Get_Liability_Product_Details	<b>Usage:</b> Fetch Liability Product Details <b>Service:</b> FCUBSSTService <b>Operation:</b> QueryAccClasQuery
Get_Loan_Product_Details	<b>Usage:</b> Fetch Loan Product Details <b>Service:</b> FCUBSCLService <b>Operation:</b> QueryProduct

Table 1-2 (Cont.) List of Consumer Service

Consumer Service	Description
List_All_Loan_Products	<b>Usage:</b> List Loan Products <b>Service:</b> FCUBSCLService <b>Operation:</b> SummaryQueryProduct
List_All_Liability_Products	<b>Usage:</b> List Liability Products <b>Service:</b> FCUBSSTService <b>Operation:</b> SummaryQueryAccClasMaint
TD_Account_Creation	<b>Usage:</b> Create Term Deposit Account Creation <b>Service:</b> FCUBSAccService <b>Operation:</b> CreateTDCustAcc
Loan_Account_Creation	<b>Usage:</b> Create Loan Account Creation <b>Service:</b> FCUBSCLService <b>Operation:</b> CreateAccount
Get_Customer_Liability_Details	<b>Usage:</b> Fetch Customer Limit Details <b>Service:</b> FCUBSSTService <b>Operation:</b> QuerySTCustLimitDet
Get_Liability_Details	<b>Usage:</b> Fetch Liability Details <b>Service:</b> FCUBSCoreentitiesService <b>Operation:</b> QueryLiability
fetchTDAccount	<b>Usage:</b> 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 <b>Service:</b> fcubs-co-mo-lov-service <b>Note:</b> 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.

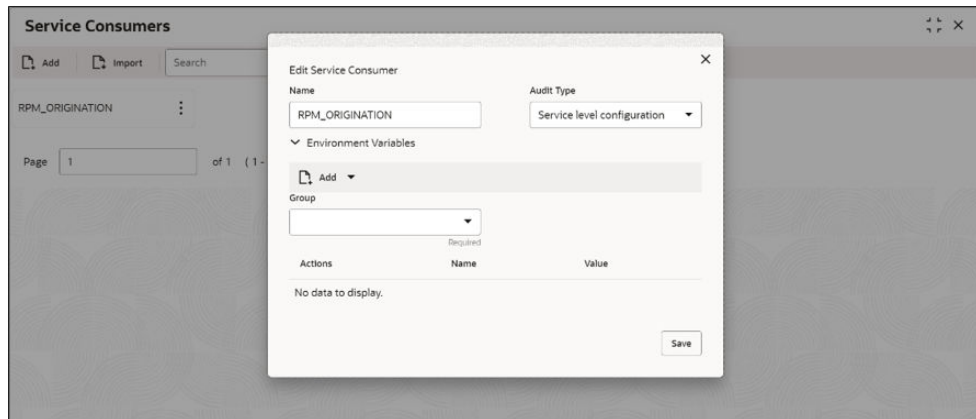
## 1.3 Maintenance for Product Processor as environment variable

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.

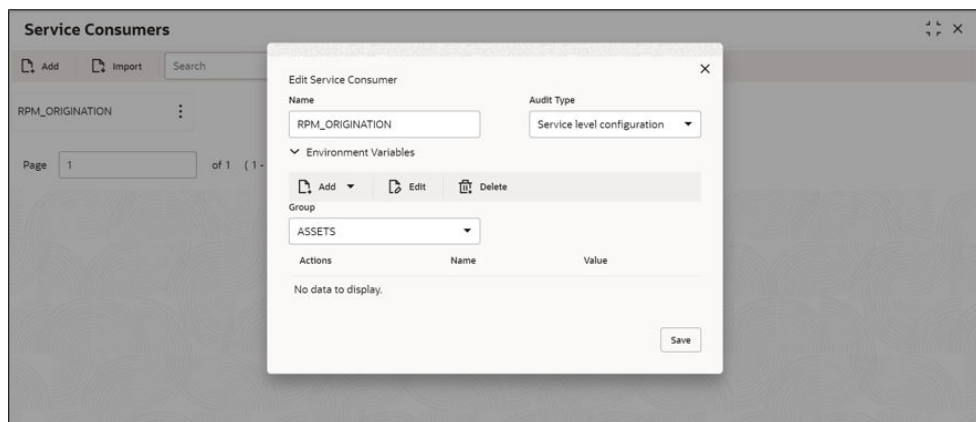
1. From **Home screen**, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers**.
3. Click **Edit**.

**Figure 1-13 Edit Service Consumer**



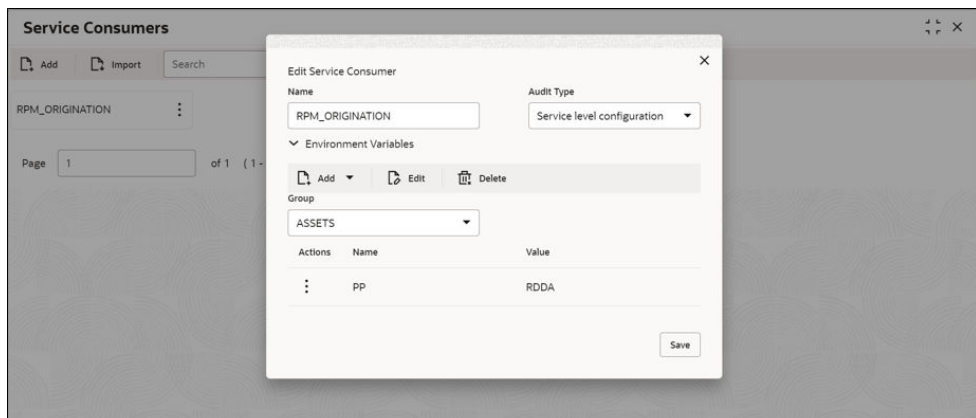
4. Under Environment Variables, add **ASSETS** as new group.

**Figure 1-14 Add Group**



5. Add **PP** as new variable, **FCUBS** as value and **save** it.

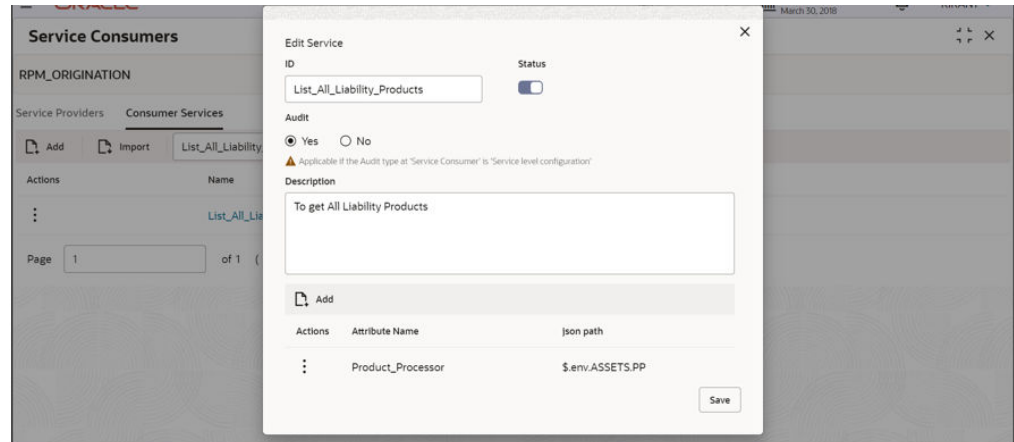
**Figure 1-15 Add Variable**



6. Follow below steps for all consumer services mentioned in point number 10 of 2.2 section.

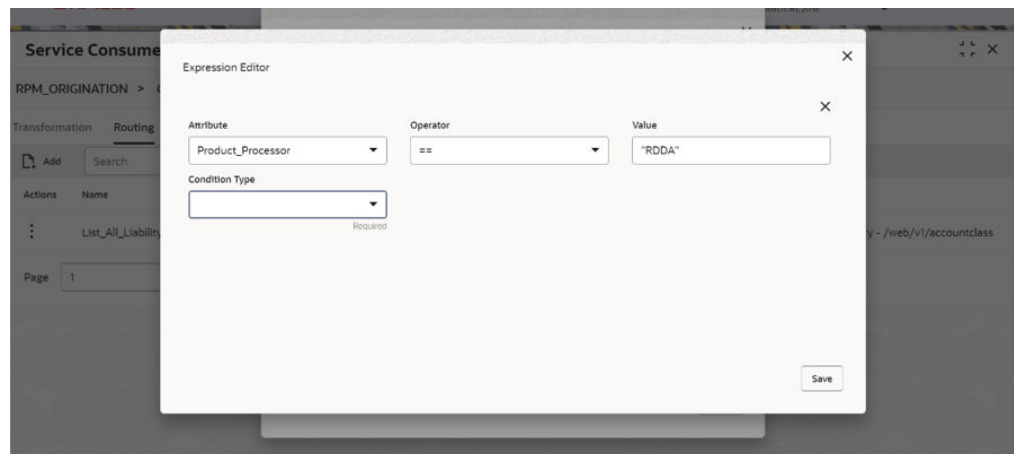
- a. Search **List\_All\_Liability\_Products**.
- b. Click **Edit**.
- c. Add **Product\_Processor** as new attribute, add json path and **save** it.

**Figure 1-16 Add Attribute**

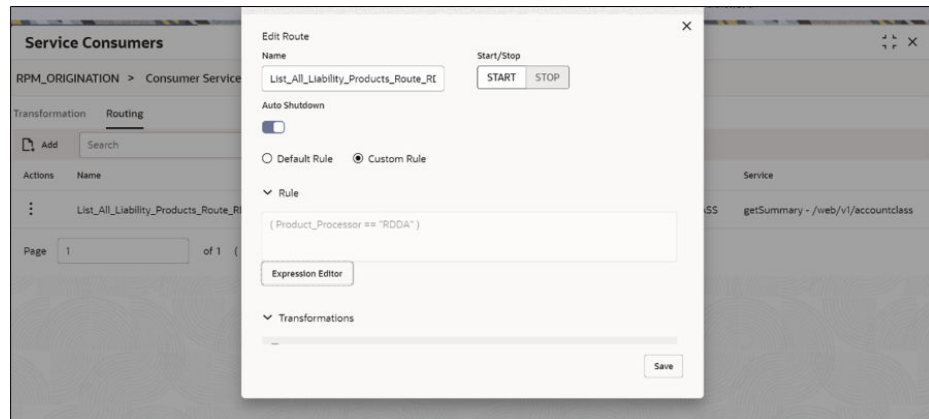


- d. Click on **List\_All\_Liability\_Products** Consumer service.
- e. Click on **Routing**.
- f. Click on **Edit** for List\_All\_Liability\_Products\_Route\_RDDA route.
- g. Click on **Custom Rule**. Click on **Expression Editor**.
- h. Add Product\_Processor as attribute (point 8.c) & "FCUBS" as value(point 5). **Save** it.

**Figure 1-17 Expression Editor**

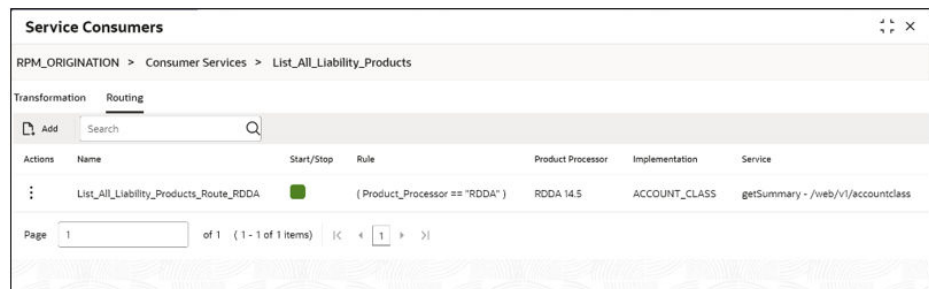


**Figure 1-18** Saved Expression



- i. Save it.

**Figure 1-19** Saved route



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