Oracle FLEXCUBE Universal Banking - Oracle Banking Origination Integration Guide

Oracle FLEXCUBE Universal Banking

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Oracle FLEXCUBE UBS - Oracle Banking Origination Integration Guide

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1 About this manual

1.1 Purpose

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

1.2 Audience

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

Table 1: Audience

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

1.3 List of Topics

Table 2: Topics

Topics	Description
Integration Guide	This topic helps you to integrate Oracle Banking Origination with Oracle FLEXCUBE Universal Banking.

2 Integration Guide

2.1 Introduction

You can integrate Oracle Banking Origination with Oracle FLEXCUBE Universal Banking acting as the backend Product Processor through Oracle Banking Routing Hub. This document briefs you about the specific steps needed for the integration of these two products and specific maintenance.

Prerequisite

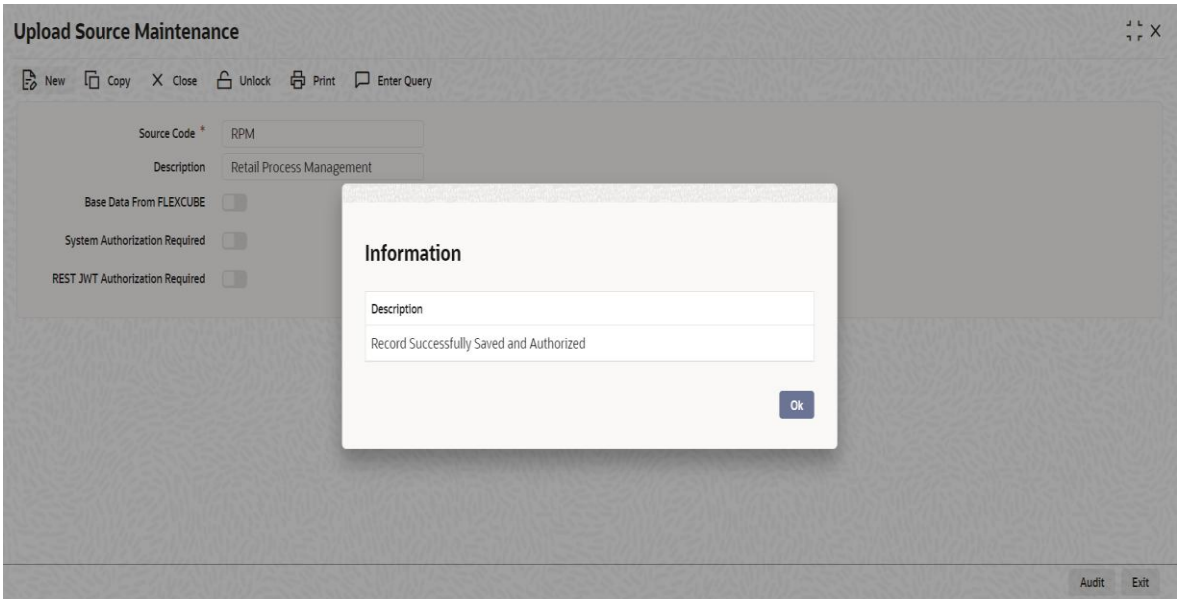
Specify your **User Id** and **Password**, and log in to the **Oracle FLEXCUBE Universal Banking Home** screen.

2.2 Maintenance for Oracle FLEXCUBE Universal Banking

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

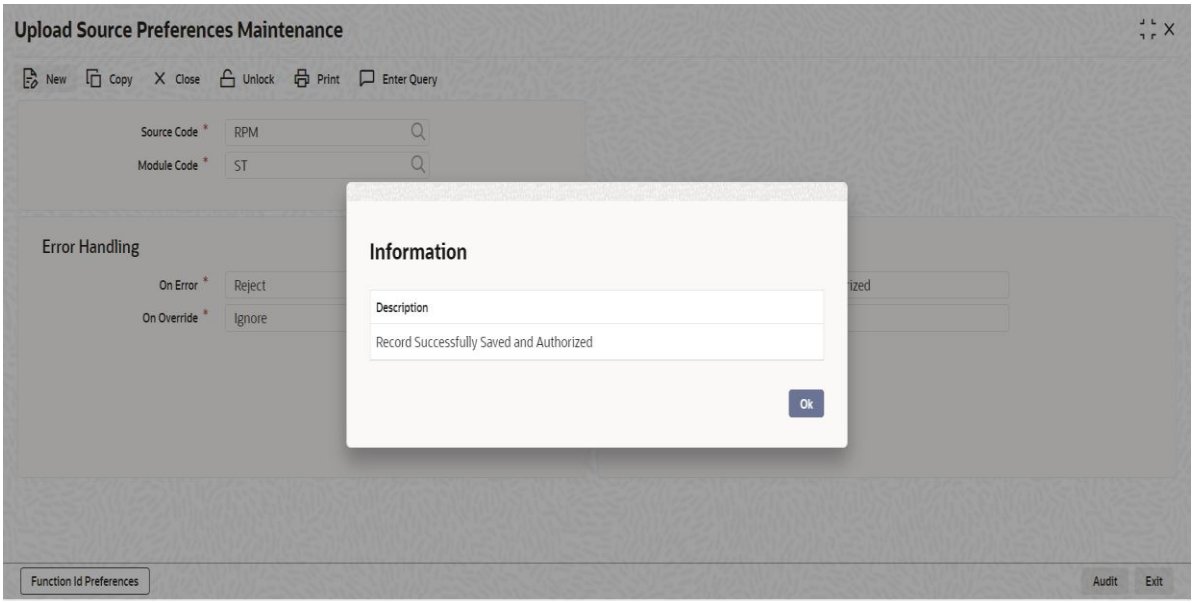
1. CODSORCE – Upload Source Maintenance

Figure 1: Upload Source Maintenance



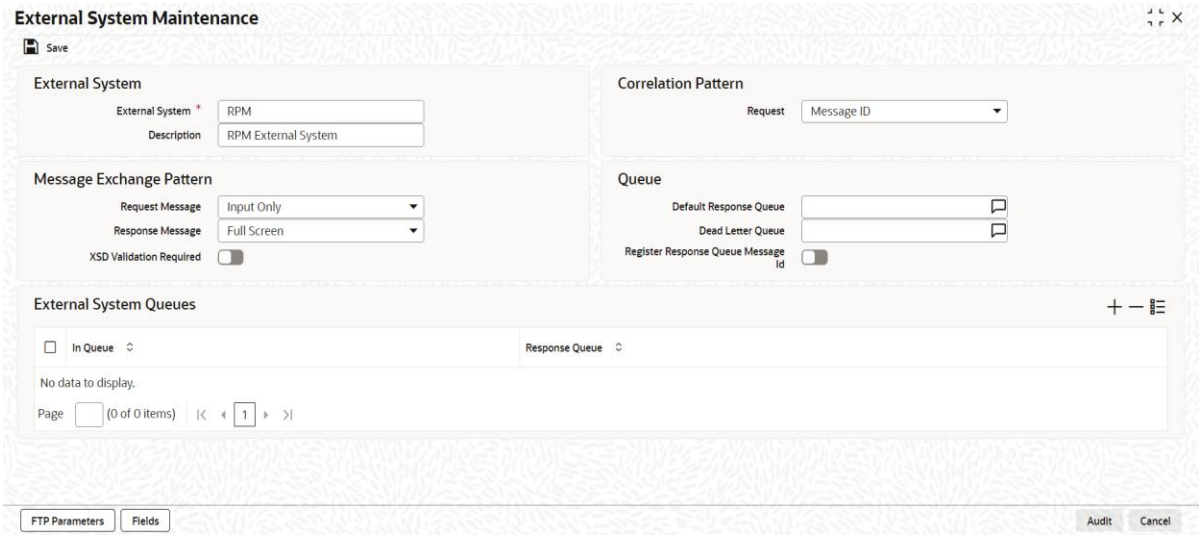
2. CODUPLDM – Upload Source Preferences Maintenance – For modules CL and ST

Figure 2: Upload Source Preferences Maintenance


Upload Source Preferences Maintenance
New
Copy
Close
Unlock
Print
Enter Query
Source Code *
RPM
Module Code *
ST
Error Handling
On Error *
Reject
On Override *
Ignore
Information
Description
Record Successfully Saved and Authorized
Ok
Function Id Preferences
Audit
Exit

3. GWDETSYS – External System Maintenance

Figure 3: External System Maintenance



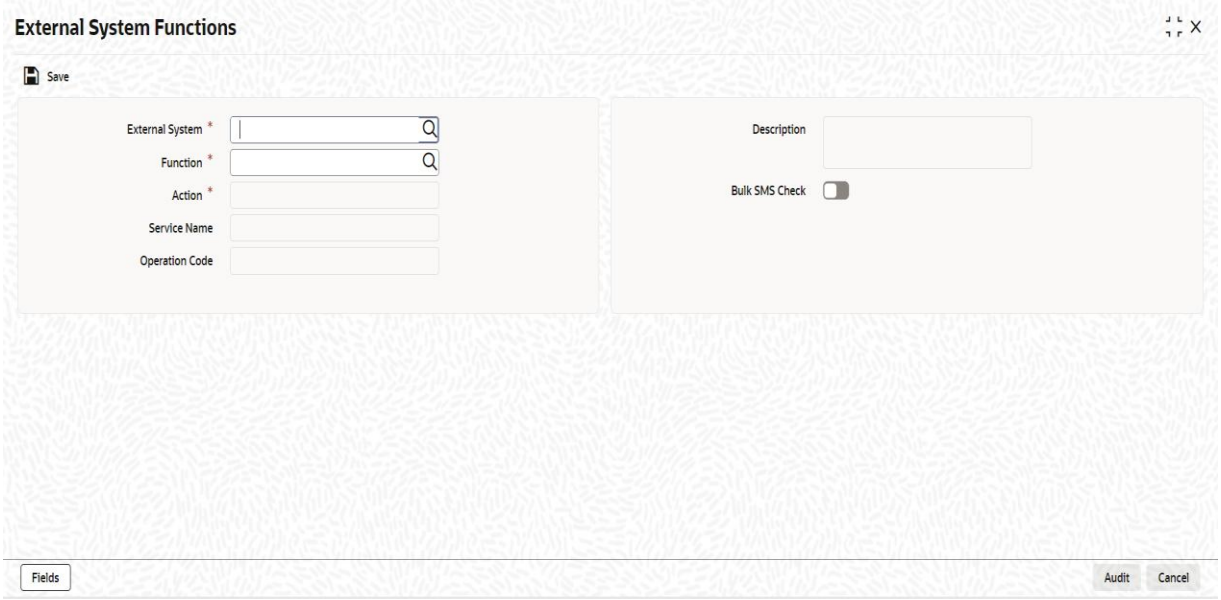
4. GWDETFUN – External System Functions – for below function and actions.

Table 3: 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

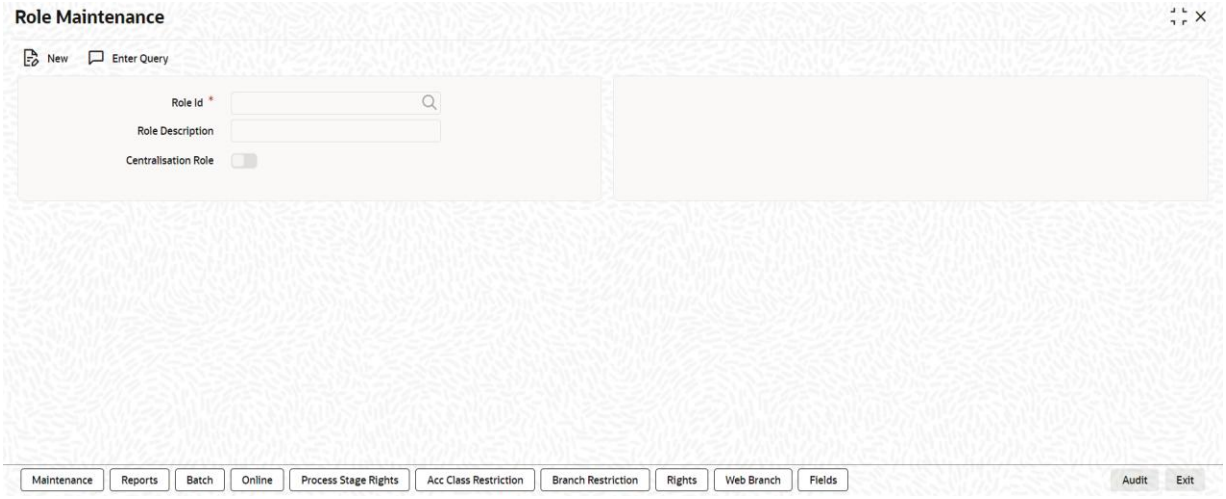
Function ID	Action
STGCRLIK	NEW

Figure 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 5: Role Maintenance



2.3 Maintenance for Oracle Banking Origination

Maintain 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**.

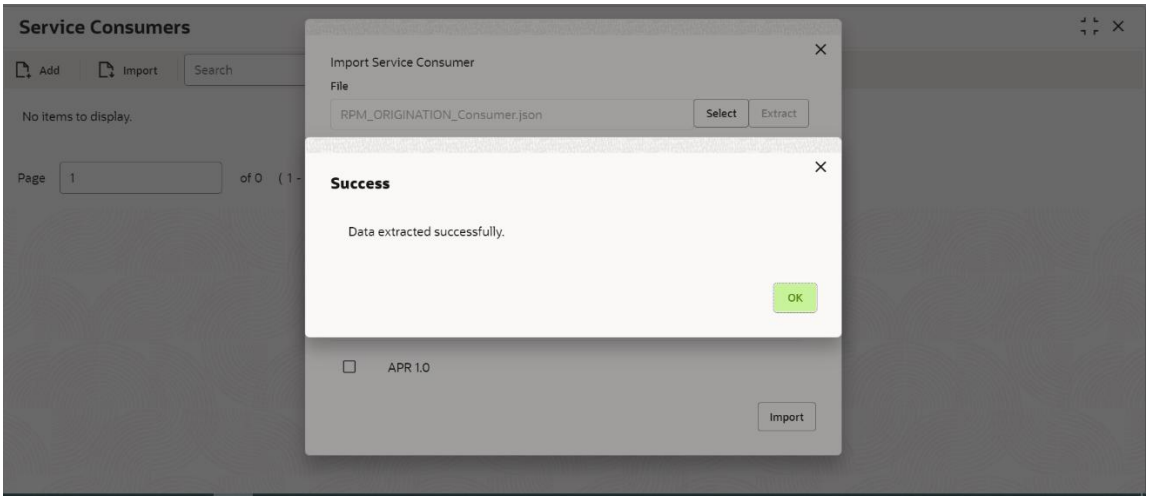
   → The **Service Consumers** screen is displayed.

Figure 6: Service Consumers



3. Click **Import** and upload the RPM_ORIGINATION_Consumer.json file provided in the release and click **Extract**.

Figure 7: Success



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

Figure 8: Confirmation

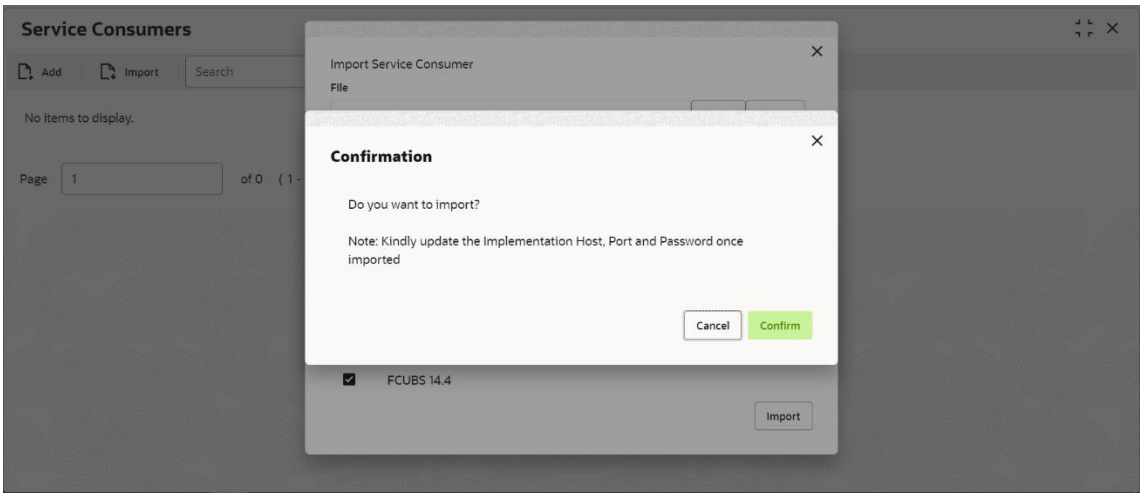


Figure 9: RPM Origination



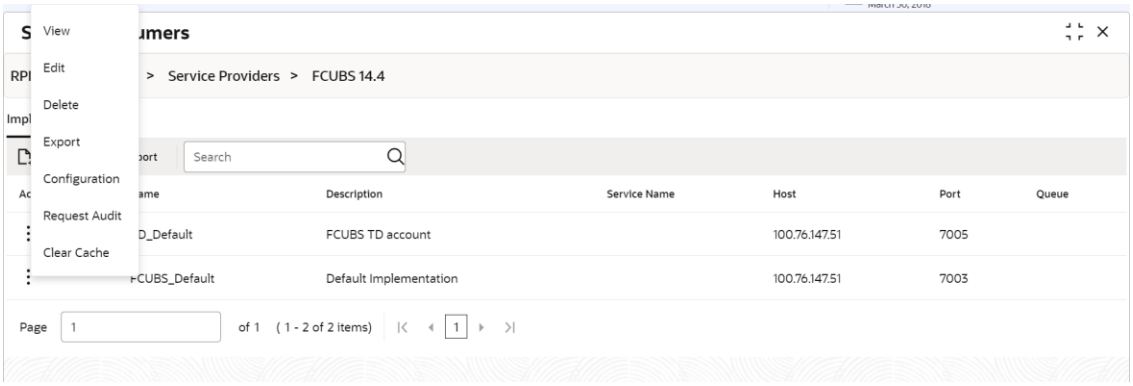
5. Click **RPM_ORIGINATION**.

6. Under **RPM_ORIGINATION**, click **FCUBS**.

Figure 10: RPM Origination



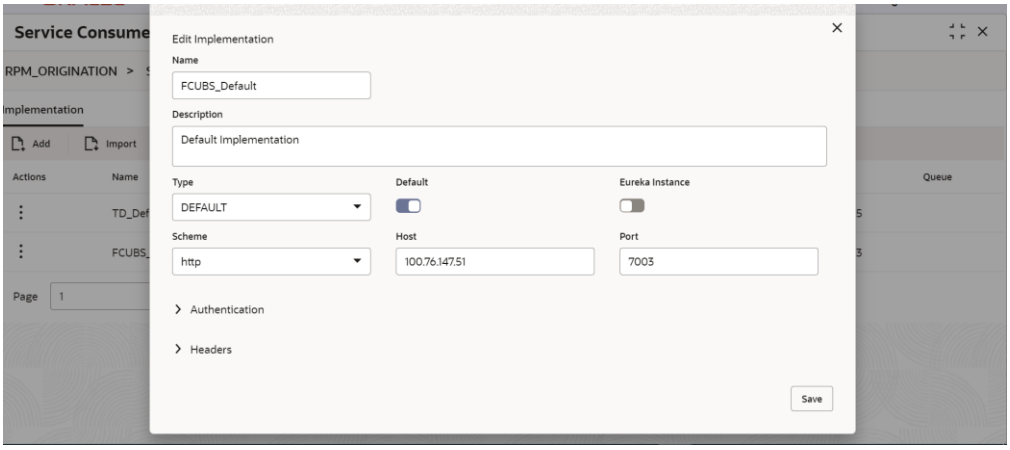
Figure 11: RPM Origination



7. Click **Edit**.

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

Figure 12: Edit Implementation



9. Repeat the same for all the FCUBS Service Providers

The below consumer services will be imported.

Consumer Service	Description
Collateral_Creation	**Usage:** Create Local Collateral **Service:** FCUBSCoreService **Operation:** CreateLocalCollateral
Liability_Creation	**Usage:** Create Liability **Service:** FCUBSCoreentitiesService

	Operation: CreateLiability
Customer_Liability_Linkage	**Usage:** Create Customer Liability **Service:** FCUBSCoreentitiesService **Operation:** CreateCustomerLiab
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
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
Get_Customer_Liability_Details	**Usage:** Fetch Customer Limit Details **Service:** FCUBSSTService **Operation:** QuerySTCustLimitDet
Get_Liability_Details	**Usage:** Fetch Liability Details **Service:** FCUBSCoreentitiesService **Operation:** QueryLiability
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

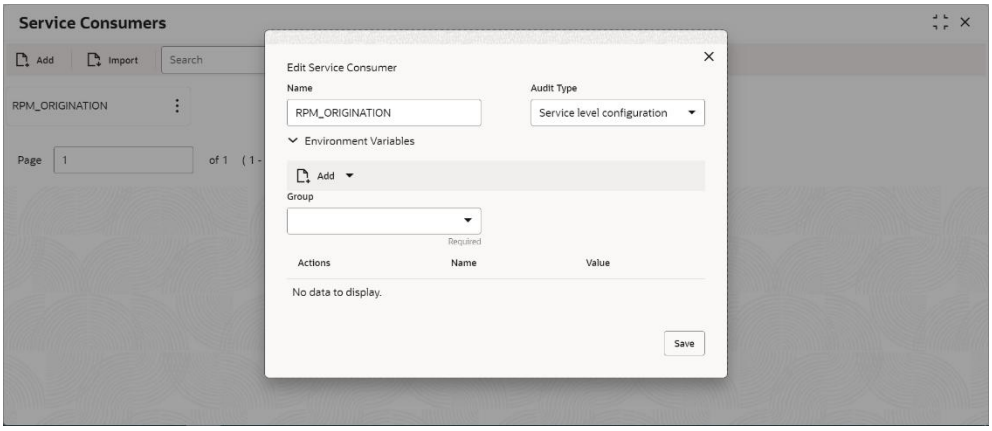
	Note: Make sure that the above service is deployed in FCUBS. Also make sure that the following INC which is released as part of FCUBS is present in CSTB_LOV_INFO table.  20211112_173542082_36_CSZB_LOV_INI

NOTE: Refer PDF attachments for downloading the file.

2.4 Maintenance for Product Processor as environment variable

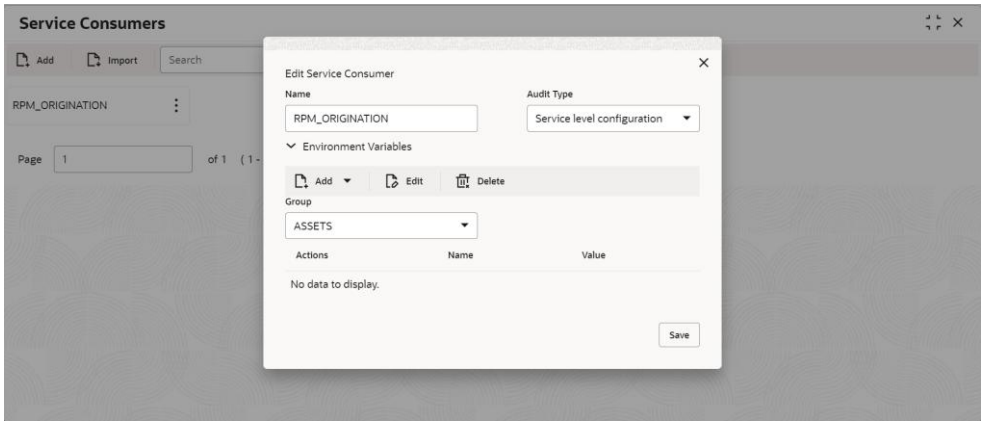
1. From **Home screen,** click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers.**
3. Click **Edit.**

Figure 13: Edit Service Consumer



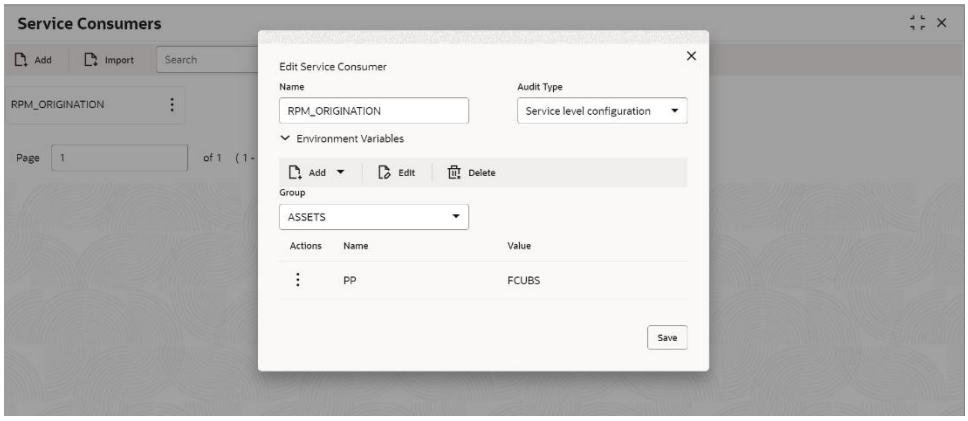
4. Under Environment Variables, add **ASSETS** as new group.

Figure 14: Add Group



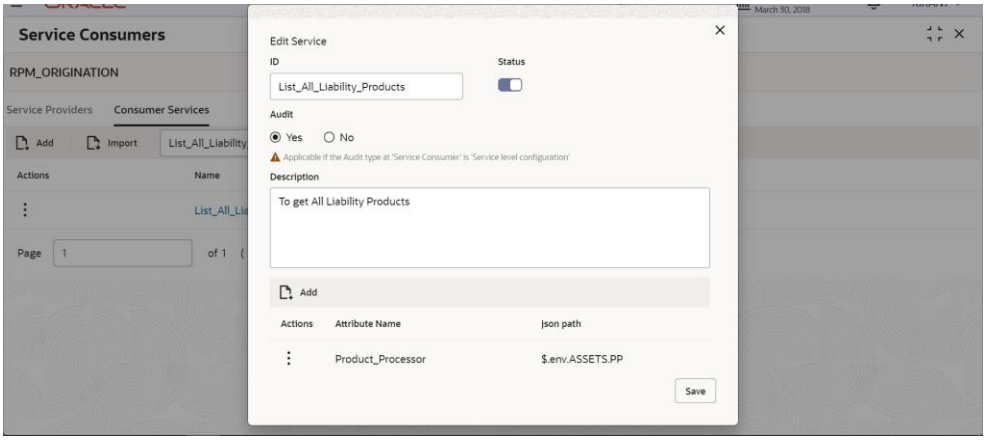
5. Add **PP** as new variable, **FCUBS** as value and **save** it.

Figure 15: Add Variable



6. Click **RPM_ORIGINATION**.
7. Under **RPM_ORIGINATION**, click **Consumer Services.**
8. 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 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 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 17: Expression Editor

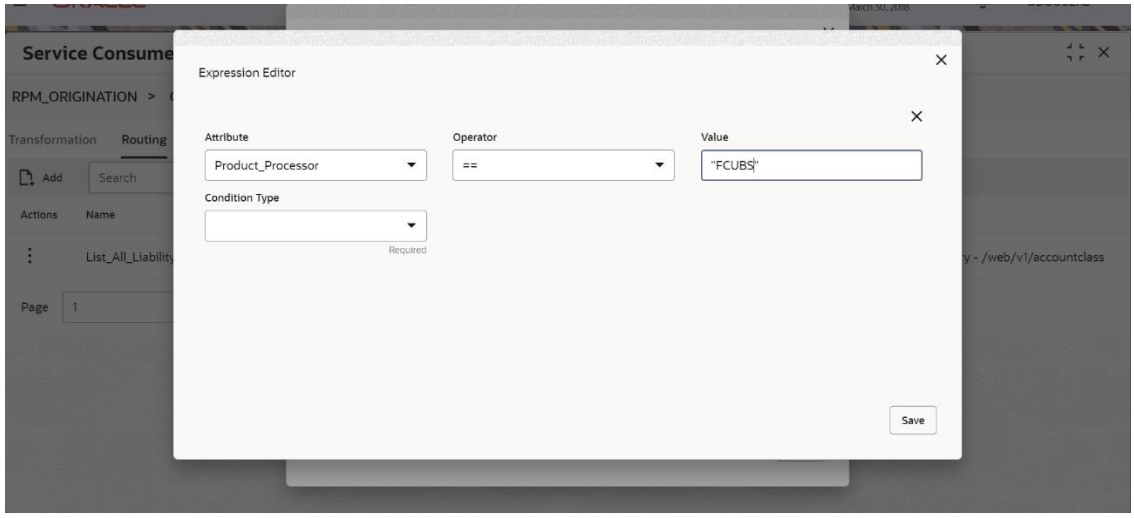
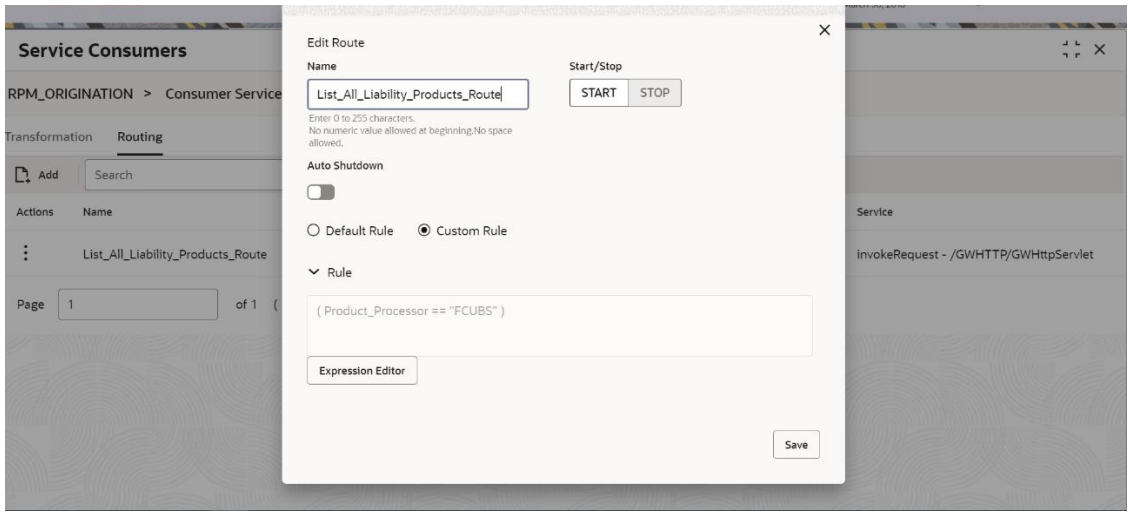
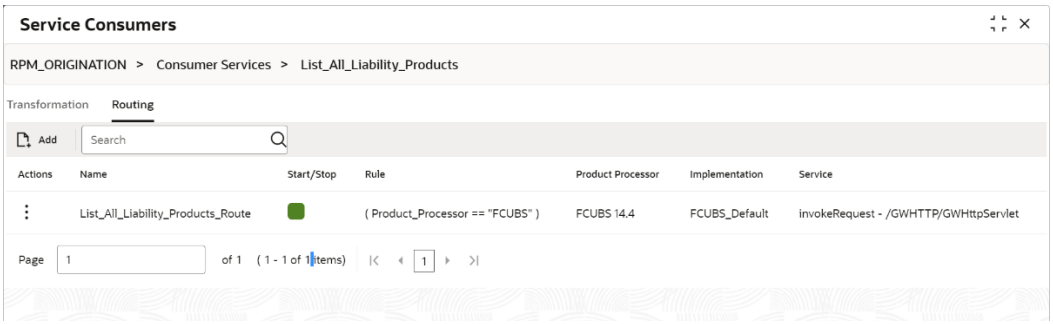


Figure 13: Saved Expression



i. **Save** it.

Figure 14: Saved Route


Service Consumers
RPM_ORIGINATION > Consumer Services > List_All_Liability_Products
Transformation
Routing
Add
Search
Actions
Name
Start/Stop
Rule
Product Processor
Implementation
Service
List_All_Liability_Products_Route
(Product_Processor == "FCUBS")
FCUBS 14.4
FCUBS_Default
invokeRequest - /GWHTTP/GWHttpServlet
Page
1
of 1
(1 - 1 of 1 items)