

**Oracle Banking Retail and SME Lending
Cloud Service - Oracle Banking
Origination Integration Guide**

Release 14.8.2.0.0

Part Number G55841-01

April 2026

Oracle Banking Retail and SME Lending Cloud Service - 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 Banking Retail and SME Lending Cloud Service, 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 Banking Retail and SME Lending Cloud Service. |

2 Integration Guide

2.1 Introduction

You can integrate Oracle Banking Origination with Oracle Banking Retail and SME Lending Cloud Service, 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

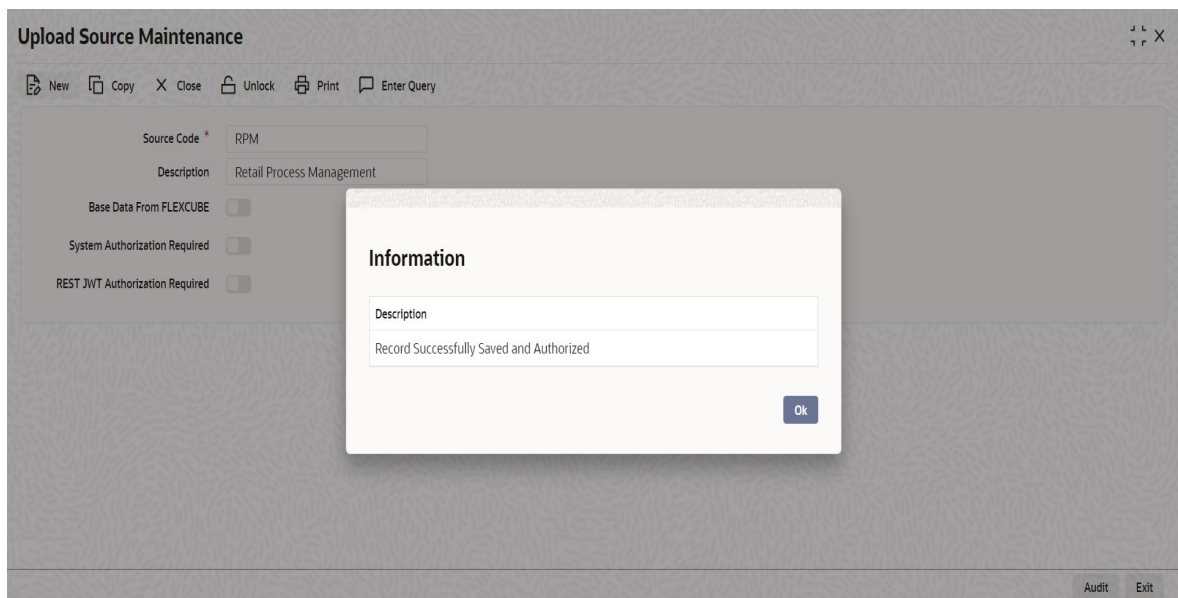
Specify your **User ID** and **Password** and log in to the **Oracle Banking Retail and SME Lending Cloud Service** Home screen.

2.2 Maintenance for Oracle Banking Retail and SME Lending Cloud Service

Gateway setup should be done in **Oracle Banking Retail and SME Lending Cloud Service** for a particular source system (Oracle Banking Origination) by doing maintenance in the screens mentioned below.

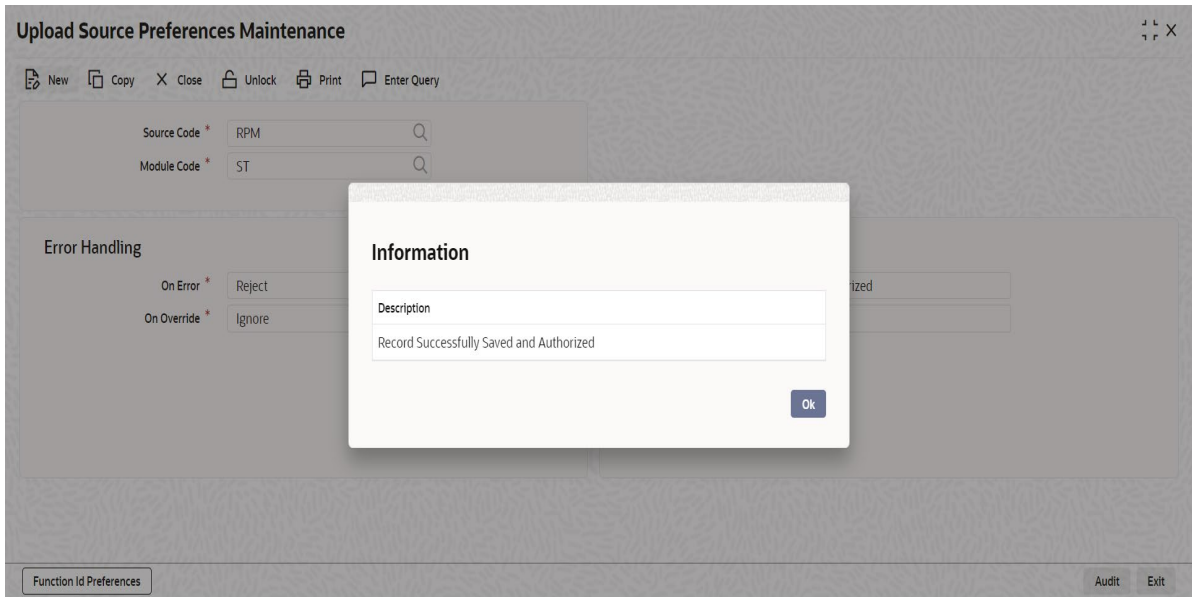
1. CODSORCE – Upload Source Maintenance

Figure 1: Upload Source Maintenance



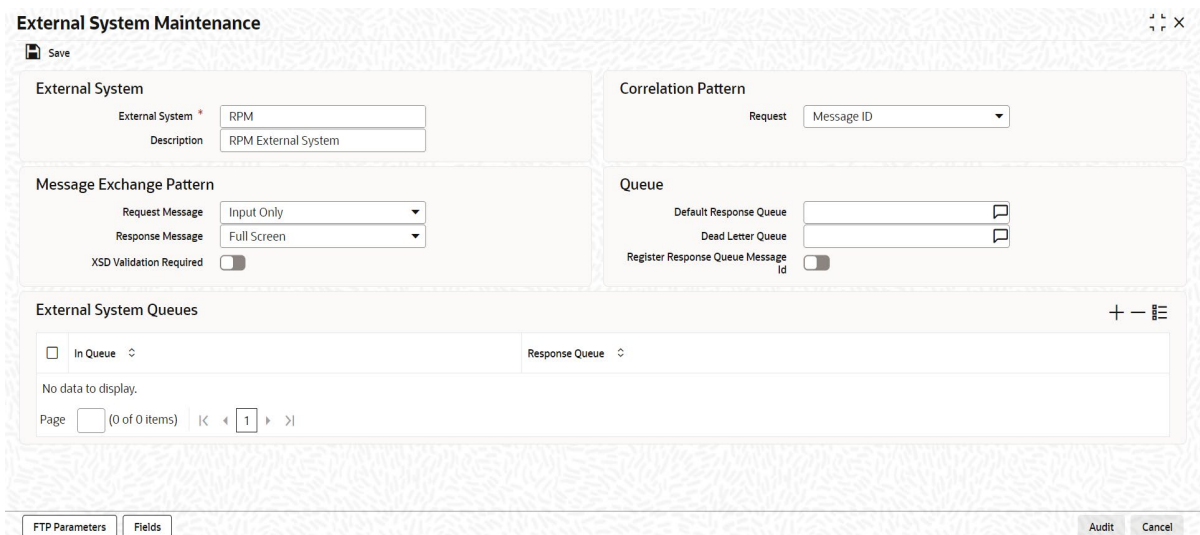
2. CODUPLDM – Upload Source Preferences Maintenance – For modules CL and ST

Figure 2: Upload Source Preferences Maintenance



3. GWDETSYS – External System Maintenance

Figure 3: External System Maintenance



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

Table 3: Function IDs

| Function ID | Action |
|-------------|--------|
| STGCUSAC | NEW |
| STGCUSTD | NEW |
| STQTDSIM | VIEW |

| Function ID | Action |
|-------------|--------|
| CLGACCNT | NEW |
| CLGSIMNT | VIEW |
| CLQPRMNT | VIEW |
| CLVPRMNT | VIEW |
| STQACLIC | VIEW |
| STQACUVL | VIEW |
| STVACCLS | VIEW |
| STGCRLIB | NEW |
| STQLMBAL | VIEW |
| STGCOLAT | NEW |
| STGCRLIK | NEW |

Figure 4: External System Functions

The screenshot shows a web-based configuration form titled "External System Functions". At the top left is a "Save" button with a floppy disk icon. Below it, on the left side, are five input fields: "External System *" (with a search icon), "Function *" (with a search icon), "Action *" (with a search icon), "Service Name", and "Operation Code". On the right side, there is a "Description" text area and a "Bulk SMS Check" toggle switch. At the bottom of the form, there are three buttons: "Fields", "Audit", and "Cancel".

5. SMDROLDF – Role Definition – The function IDs in Table 4 need to be added to the correct role. This role needs to be mapped with the Oracle Banking Retail and SME Lending Cloud Service user, which is configured in the PLATO PROPERTIES table of Oracle Banking Origination.

Figure 5: Role Maintenance

The screenshot displays the 'Role Maintenance' application window. At the top left, the title 'Role Maintenance' is visible. Below the title bar, there are two buttons: 'New' and 'Enter Query'. The main content area is divided into two sections. The left section contains three input fields: 'Role Id *' with a search icon, 'Role Description', and 'Centralisation Role' with a toggle switch. The right section is a large, empty rectangular area. At the bottom of the window, there is a navigation bar with several buttons: 'Maintenance', 'Reports', 'Batch', 'Online', 'Process Stage Rights', 'Acc Class Restriction', 'Branch Restriction', 'Rights', 'Web Branch', 'Fields', 'Audit', and 'Exit'.

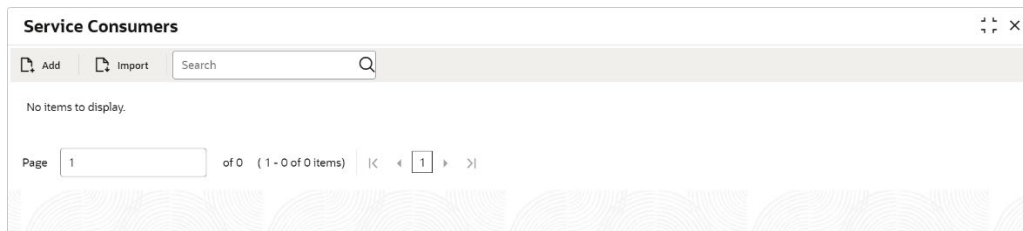
2.3 Maintenance for Oracle Banking Origination

Maintain Oracle Banking Routing Hub configuration in the common core for Oracle Banking Retail and SME Lending Cloud Service.

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

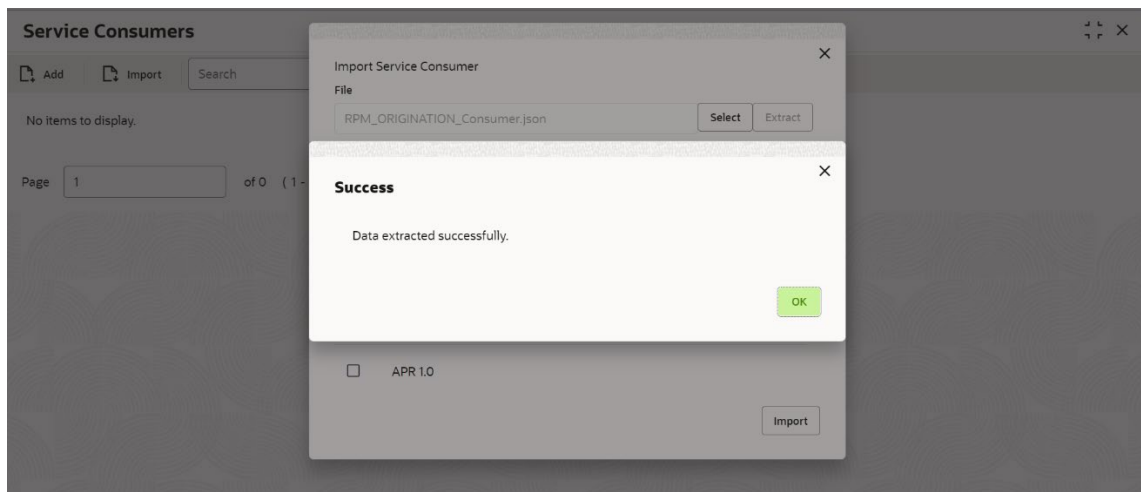
→ The **Service Consumers** screen is displayed.

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

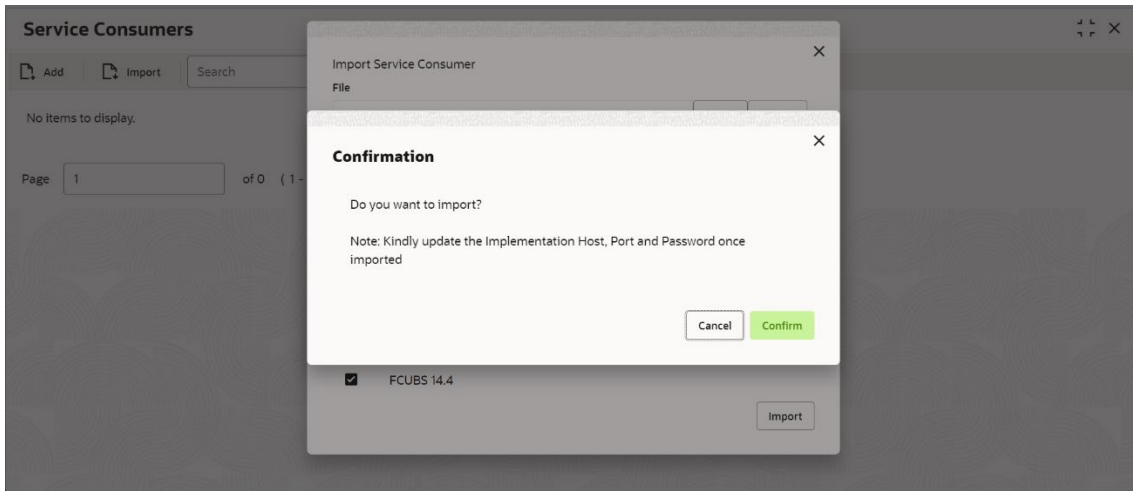
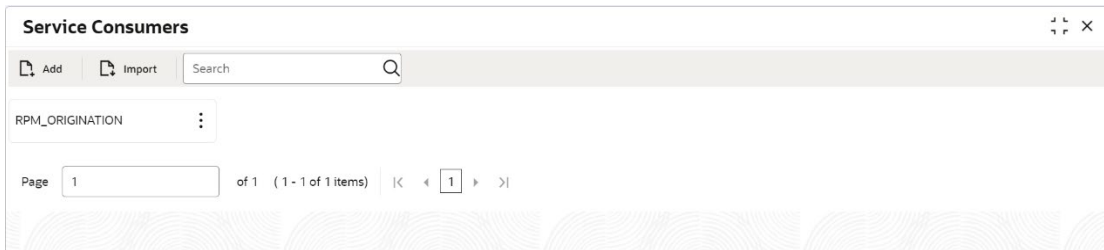


Figure 9: RPM Origination

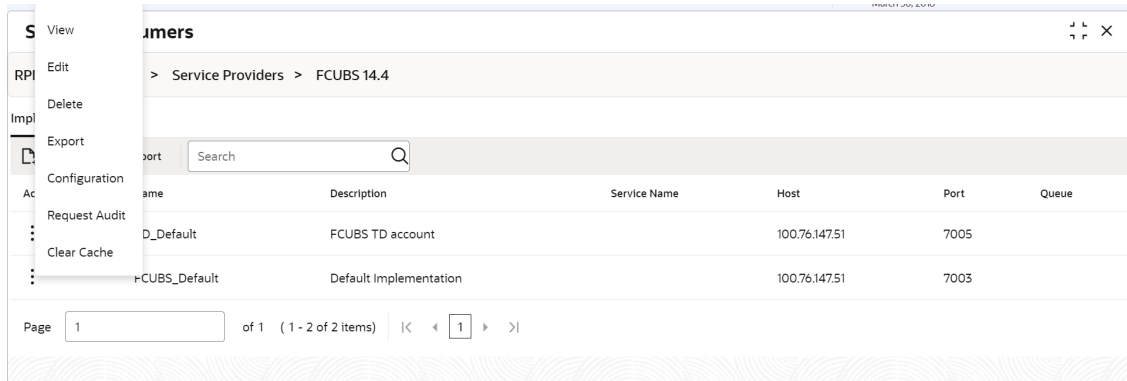


5. Click **RPM_ORIGINATION**.
6. Under **RPM_ORIGINATION**, click **FCUBS**.

Figure 10: RPM Origination

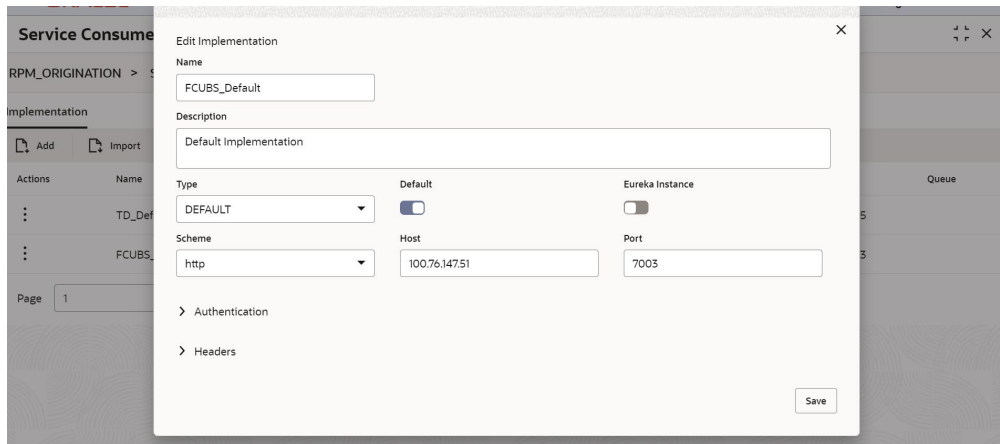


Figure 11: RPM Origination



7. Click **Edit**.
8. Change the host and port as per the Oracle Banking Retail and SME Lending Cloud Service 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 | <p>Usage: List Loan Products</p> <p>Service: FCUBSCLService</p> <p>Operation: SummaryQueryProduct</p> |
| List_All_Liability_Products | <p>Usage: List Liability Products</p> <p>Service: FCUBSSTService</p> <p>Operation: SummaryQueryAccClasMaint</p> |
| TD_Account_Creation | <p>Usage: Create Term Deposit Account Creation</p> <p>Service: FCUBSAccService</p> <p>Operation: CreateTDCustAcc</p> |
| Loan_Account_Creation | <p>Usage: Create Loan Account Creation</p> <p>Service: FCUBSCLService</p> <p>Operation: CreateAccount</p> |
| Get_Customer_Liability_Details | <p>Usage: Fetch Customer Limit Details</p> <p>Service: FCUBSSTService</p> <p>Operation: QuerySTCustLimitDet</p> |
| Get_Liability_Details | <p>Usage: Fetch Liability Details</p> <p>Service: FCUBSCoreentitiesService</p> <p>Operation: QueryLiability</p> |
| fetchTDAccount | <p>Usage: Fetch TD accounts which are tagged as “Collateral Linkage”, for a particular customer number. This will be used for attaching TD accounts as collateral in Oracle Banking Origination screens.</p> <p>Service: fcubs-co-mo-lov-service</p> |

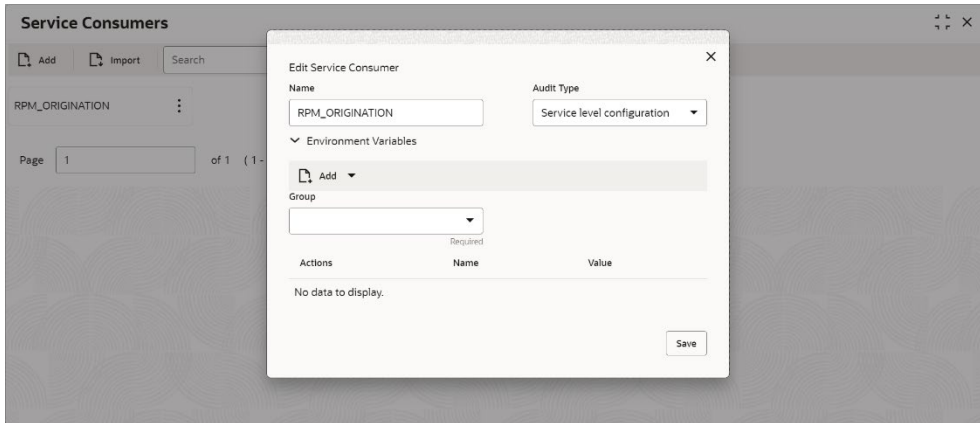
| | |
|--|---|
| | <p>Note: Make sure that the above service is deployed in FCUBS. Also make sure that the following INC which is released as part of FCUBS is present in CSTB_LOV_INFO table.</p> <p> 20211112_1735420 82_36_CSZB_LOV_INI</p> |
|--|---|

NOTE: Refer to the PDF attachments for downloading the file.

2.4 Maintenance for Product Processor as environment variable

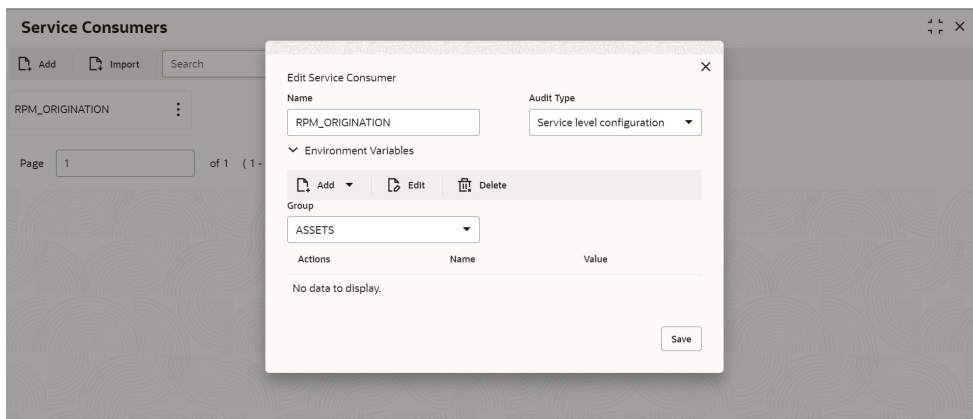
1. From the **Home** screen, click **Interconnect**. Under **Interconnect**, click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers**.
3. Click **Edit**.

Figure 13: Edit Service Consumer



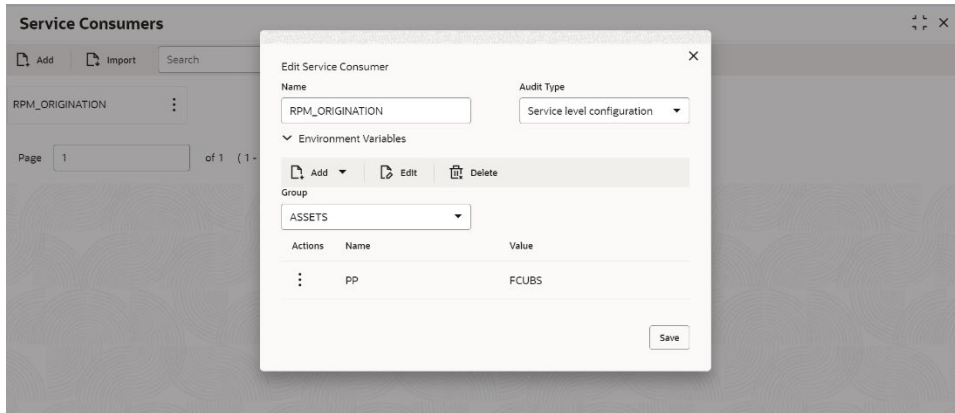
4. Under Environment Variables, add **ASSETS** as a new group.

Figure 14: Add Group



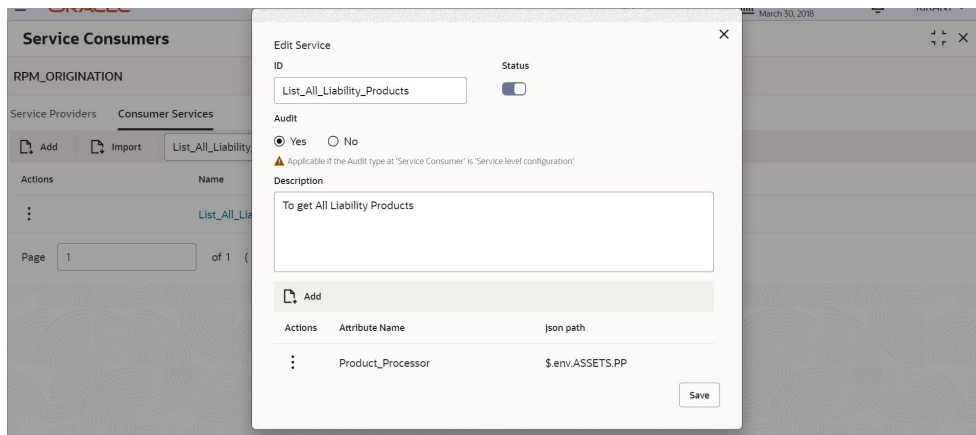
5. Add **PP** as a new variable, **FCUBS** as a value, and **save** it.

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 a 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

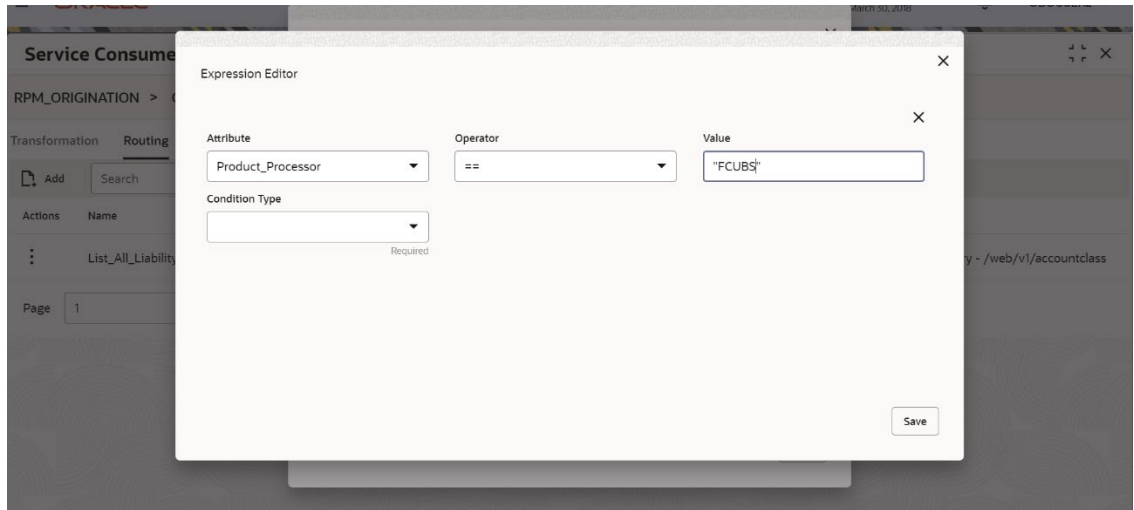
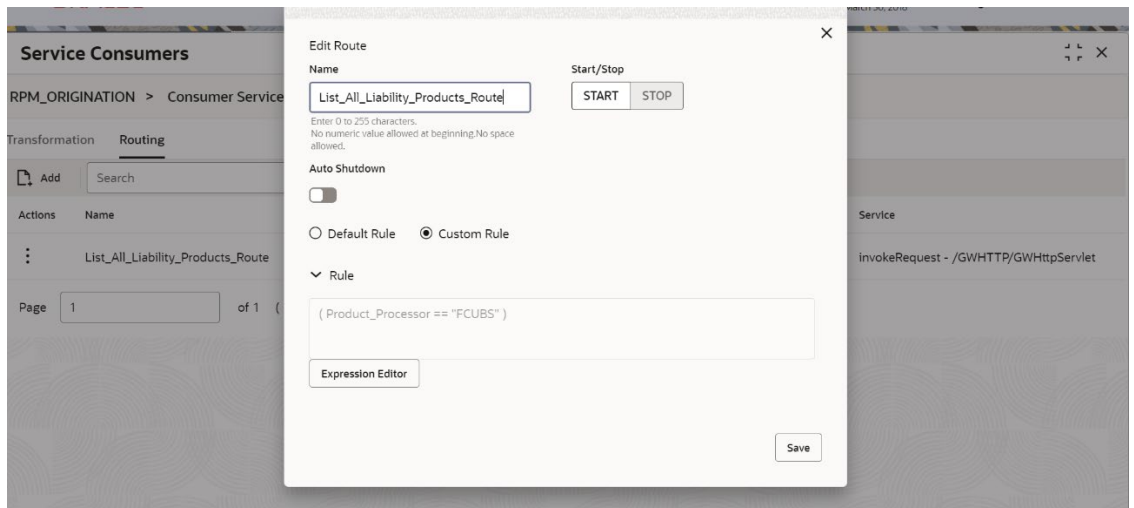


Figure 13: Saved Expression





- i. **Save** it.

Figure 14: Saved Route

Service Consumers ⌵ ⌶ ×

RPM_ORIGINATION > Consumer Services > List_All_Liability_Products

Transformation Routing

 Add 

| 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 of 1 (1 - 1 of 1 items) |< < 1 > >|