

**Oracle FLEXCUBE Universal Banking -
Oracle Banking Origination Integration
Guide**

Oracle FLEXCUBE Universal Banking
Release 14.7.3.0.0

Part Number F91985-01

February 2024

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

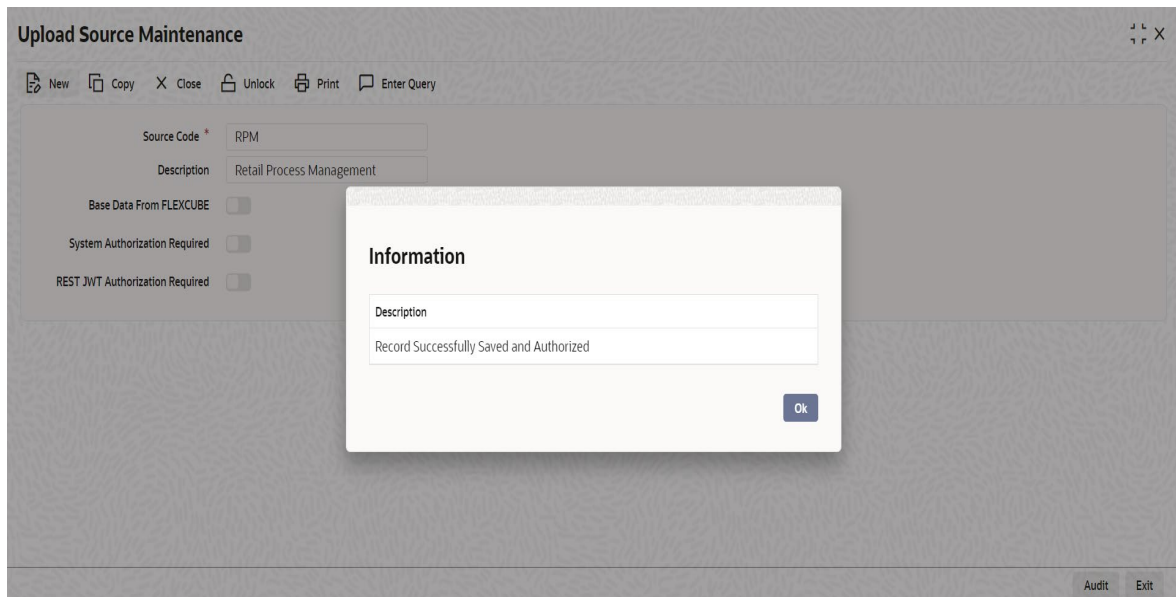
Specify your **User Id** and **Password**, and log in to the **Oracle FLEXCUBE Universal Banking Home** screen.

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.

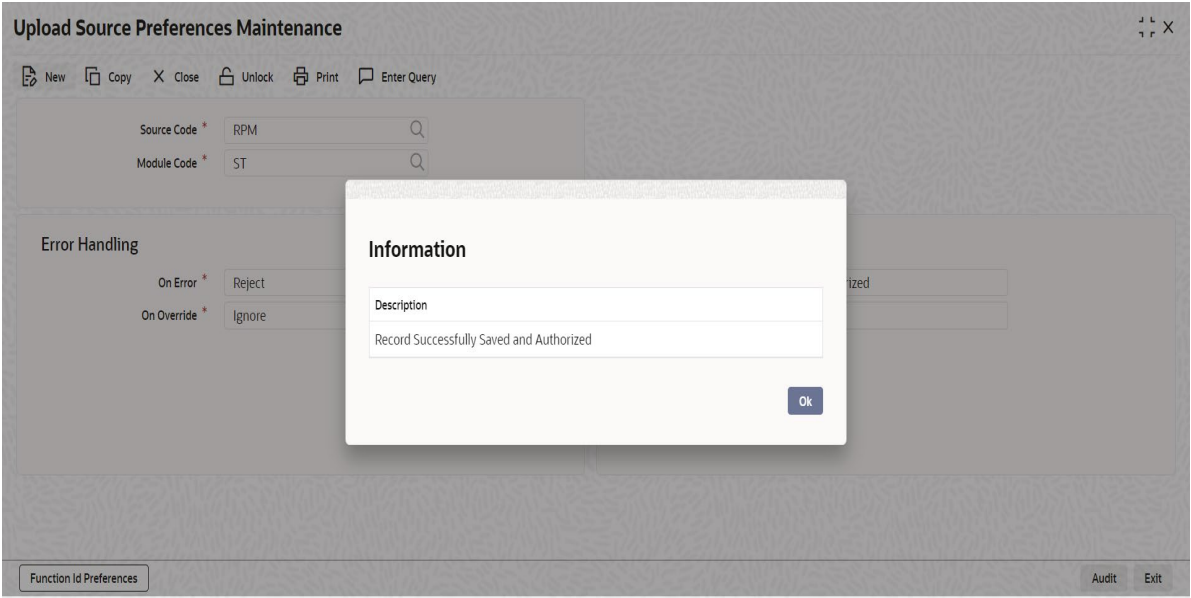
1. CODSORCE – Upload Source Maintenance

Figure 1: Upload Source Maintenance



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

Figure 2: Upload Source Preferences Maintenance



3. GWDETSYS – External System Maintenance

Figure 3: External System Maintenance

External System Maintenance

Save

External System

External System * RPM

Description RPM External System

Message Exchange Pattern

Request Message Input Only

Response Message Full Screen

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.

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FTP Parameters Fields Audit Cancel

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**.

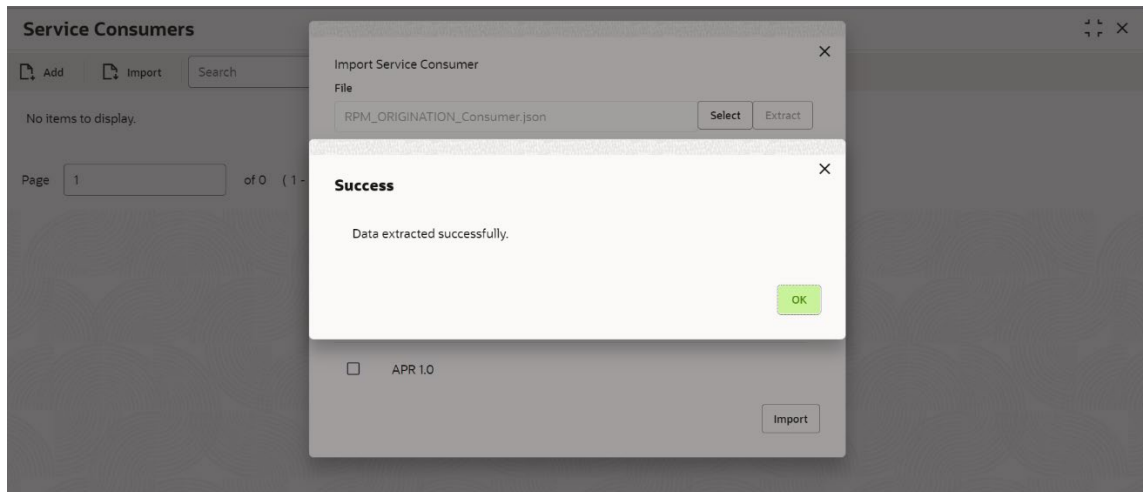
→ The **Service Consumers** screen is displayed.

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

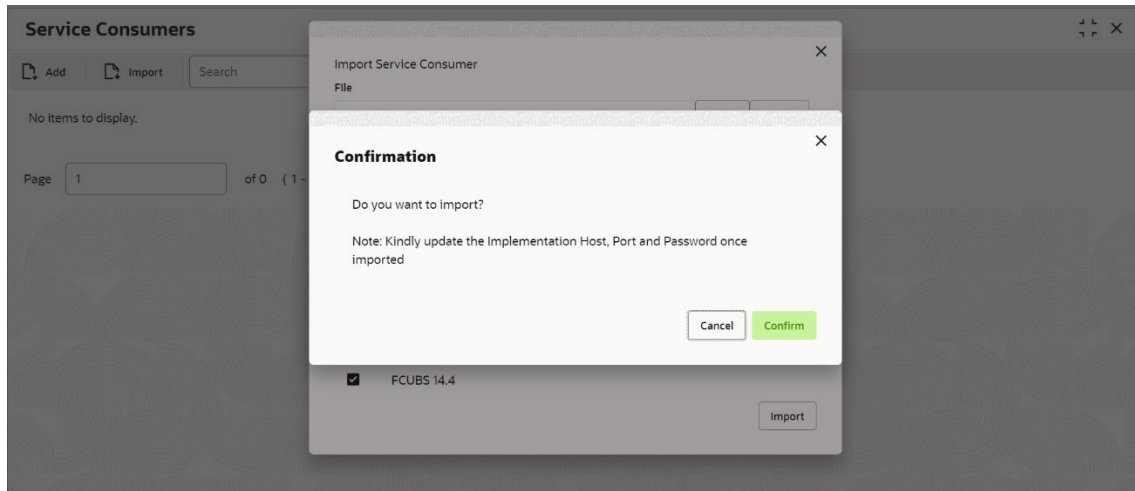
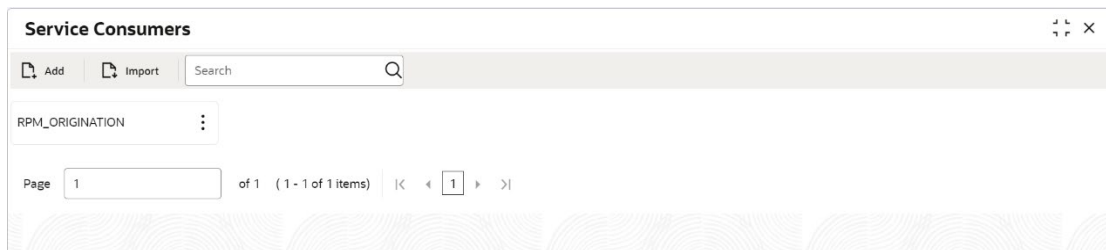


Figure 9: RPM Origination



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

Figure 10: RPM Origination

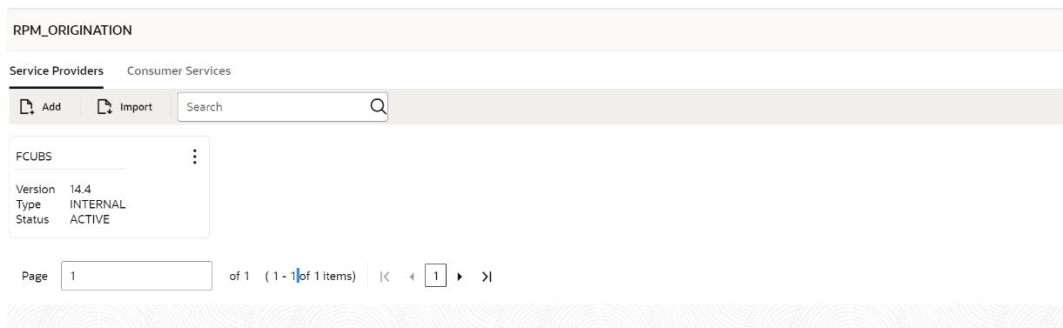
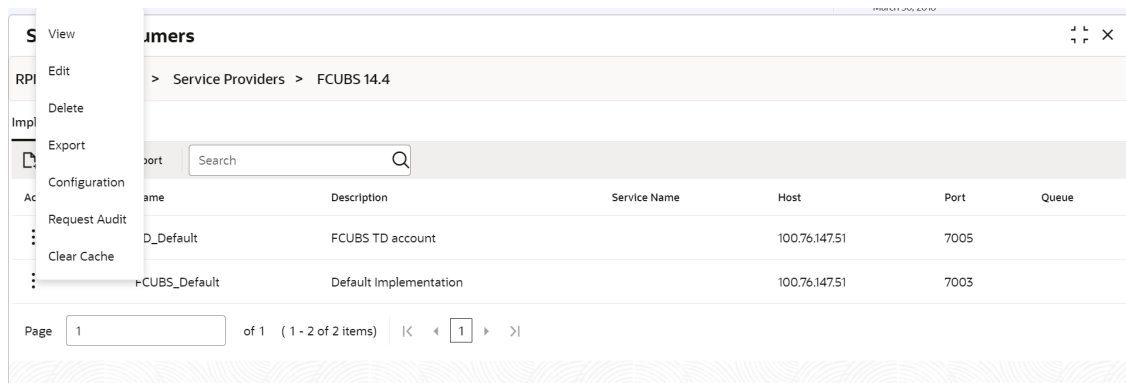
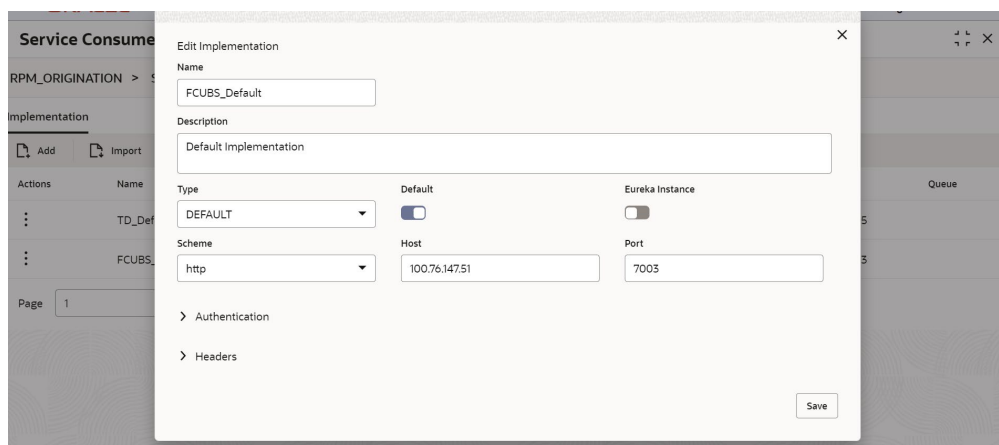


Figure 11: RPM Origination

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_1735420 82_36_CSZB_LOV_INI
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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**.

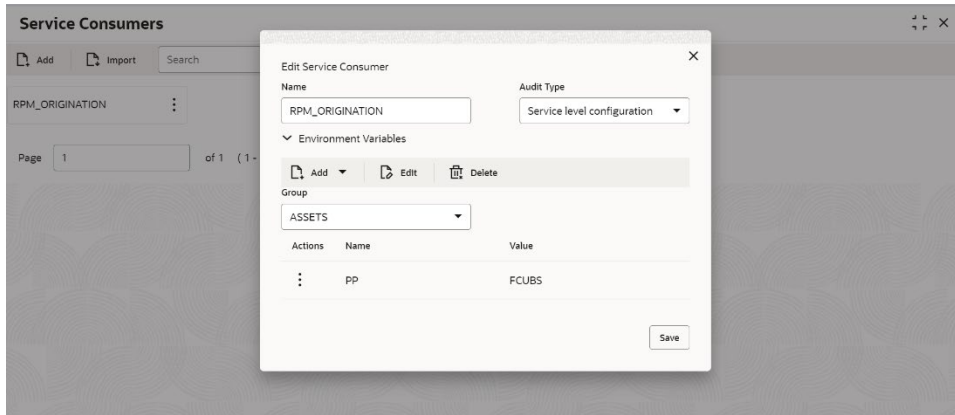
Figure 13: Edit Service Consumer

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

Figure 14: Add Group

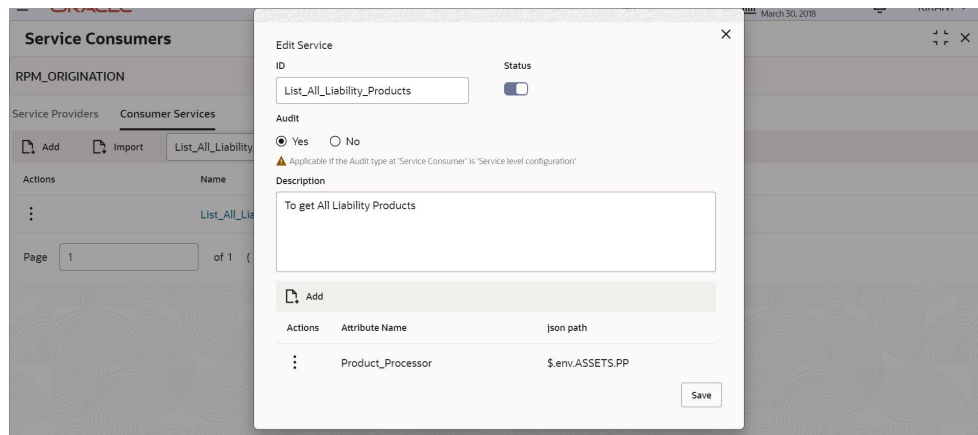
5. Add **PP** as new variable, **FCUBS** as value and **save** it.

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

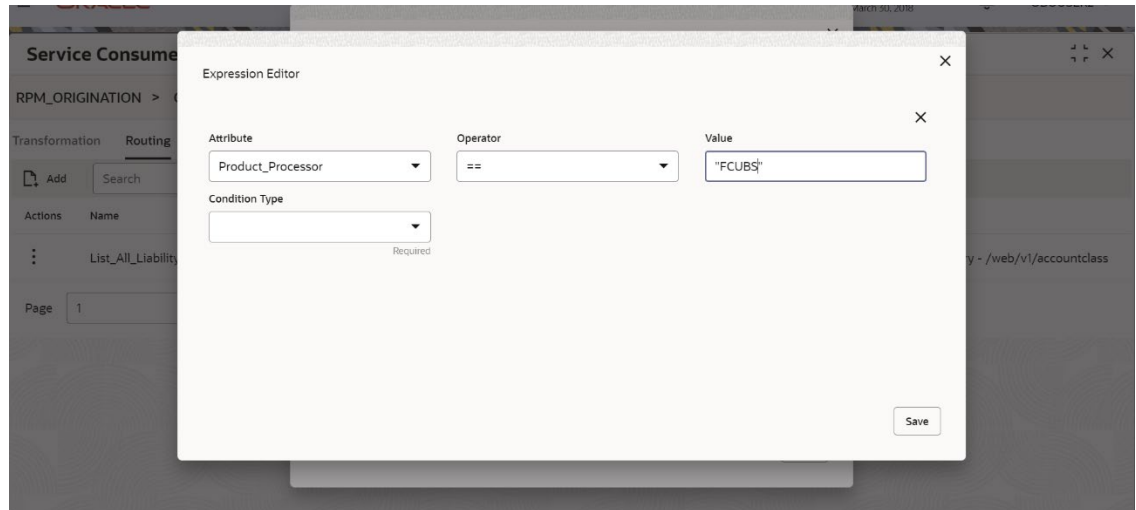
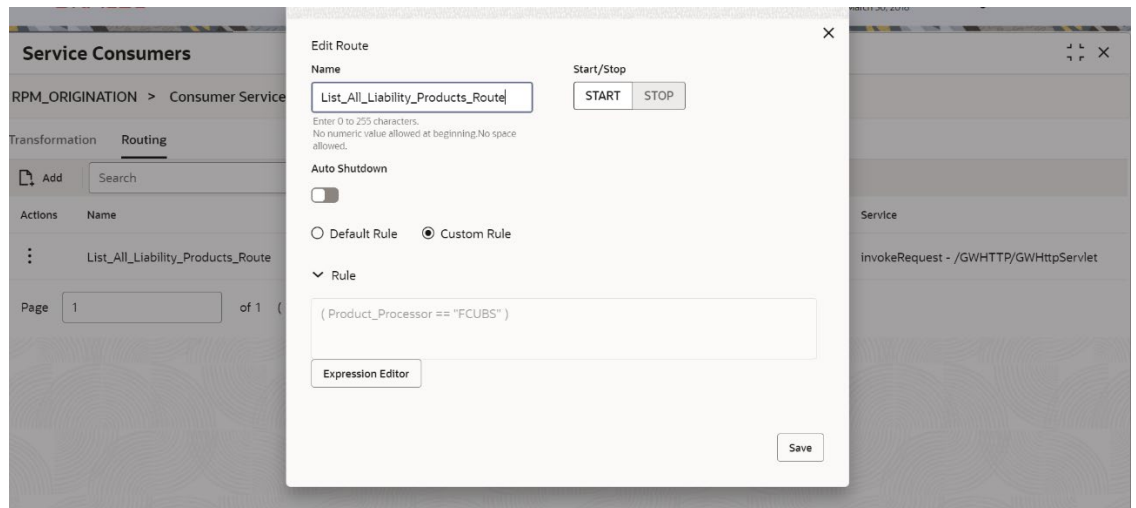


Figure 13: Saved Expression



- 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 - /GWHHTTP/GWHttpServlet

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