

**Oracle FLEXCUBE Universal Banking  
Integration Guide**

**Oracle FLEXCUBE Onboarding**

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## **Oracle FLEXCUBE Universal Banking Integration Guide**

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# 1 About this manual

## 1.1 Purpose

This guide is to help with Integration of Oracle FLEXCUBE Onboarding 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 FLEXCUBE Onboarding with Oracle FLEXCUBE Universal Banking.

## 2 Integration Guide

### 2.1 Introduction

You can integrate Oracle FLEXCUBE Onboarding 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 integration of these two products and specific maintenances.

### 2.2 Prerequisite

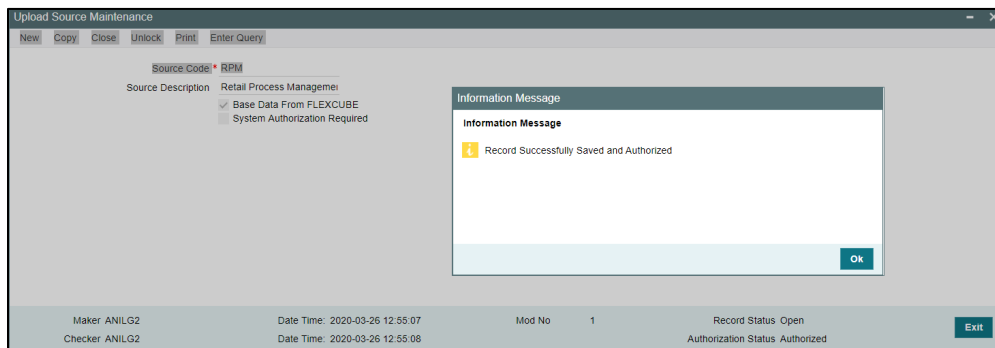
Specify **User Id** and **Password**, and login to **Oracle FLEXCUBE Universal Banking Home** screen.

### 2.3 Maintenance for Oracle FLEXCUBE Universal Banking

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

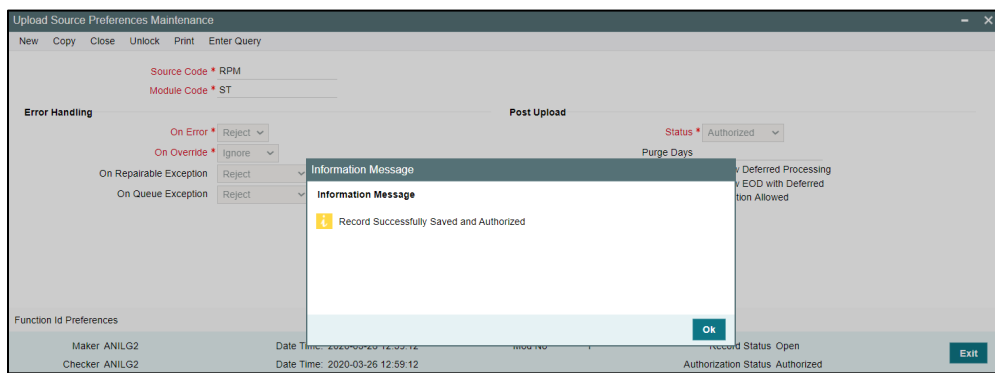
1. Codsorce – Upload Source Maintenance

**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**

The screenshot shows the 'External System Maintenance' window. It includes a 'Save' button at the top left. The 'External System' section has a red asterisk next to 'RPM' and a description 'RPM\_EXTERNAL SYSTE'. The 'Correlation Pattern' section has a 'Request' dropdown set to 'Message ID'. The 'Message Exchange Pattern' section has 'Request Message' and 'Response Message' both set to 'Full Screen', with a checked 'XSD Validation Required' checkbox. The 'Queue' section has 'Default Response Queue' and 'Dead Letter Queue' fields, with a 'Register Response Queue Message Id' checkbox. The 'External System Queues' section shows a table with columns 'In Queue' and 'Response Queue', containing 'MDB\_QUEUE' and 'MDB\_QUEUE\_RESPONS'.

## 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
STGCRLIK	NEW

**Figure 4: External System Functions**

The screenshot shows the 'External System Functions' window. It has a menu bar with 'New', 'Copy', 'Close', 'Print', and 'Enter Query'. The main area contains fields for 'External System \* RPM', 'Function \* STGCUSAC', 'Action \* NEW', 'Service Name FCUBSAccService', and 'Operation Code CreateCustAcc'. There is a 'Description' field with 'RPM EXTERNAL SYSTEM' and a 'Bulk SMS Check' checkbox. An 'Information Message' dialog box is open in the center, displaying 'Record Successfully Saved and Authorized' with an 'Ok' button. At the bottom, there is a status bar with 'Maker ANILG2', 'Checker ANILG2', 'Date Time: 2020-03-26 13:13:39', 'Mod No 1', 'Record Status Open', and 'Authorization Status Authorized'. An 'EXIT' button is located at the bottom right.

5. SMDROLD – 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 FLEXCUBE Onboarding.

**Figure 5: Role Maintenance**

The screenshot shows the 'Role Maintenance' window. It has a menu bar with 'New', 'Copy', 'Close', 'Unlock', 'Print', and 'Enter Query'. The main area contains fields for 'Role Id \* ALLROLES', 'Role Description all roles', and a 'Centralisation Role' checkbox. At the bottom, there is a status bar with 'Maker PRANAV2', 'Checker PRANAV2', 'Date Time: 2000-07-03 12:14:47', 'Date Time: 2000-07-03 12:14:55', 'Mod No 25', 'Record Status Open', and 'Authorization Authorized Status'. An 'Exit' button is located at the bottom right.

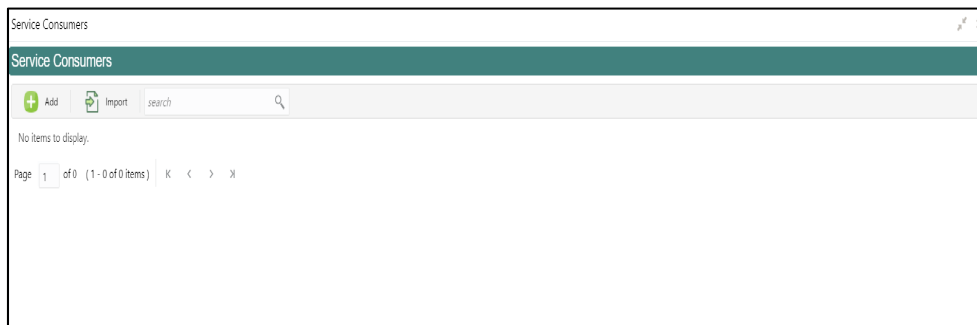
## 2.4 Maintenance for Oracle FLEXCUBE Onboarding

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**.

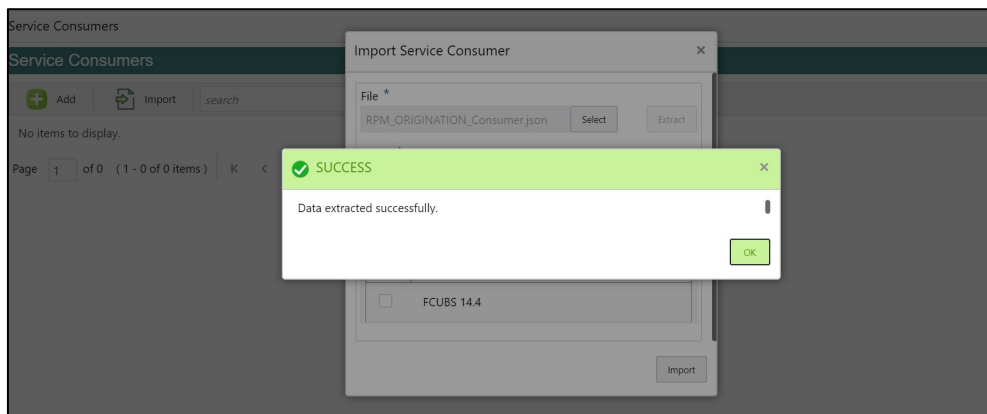
→ The **Service Consumers** screen is displayed.

**Figure 6: Service Consumers**



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

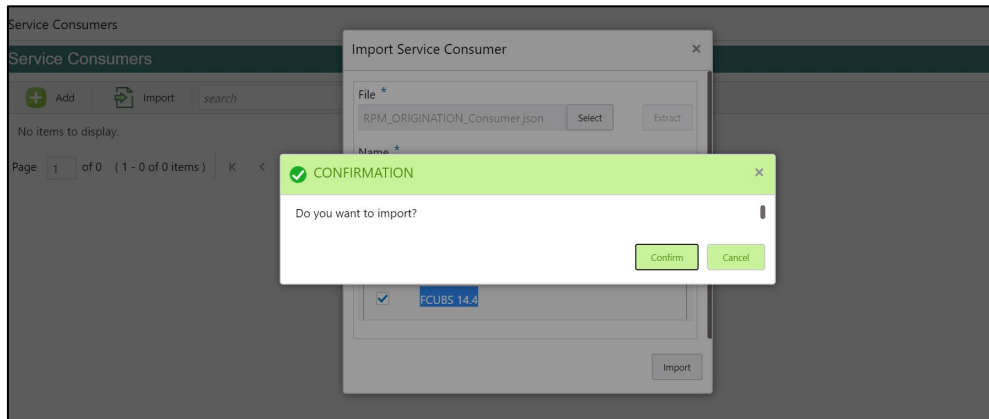
**Figure 7: Success**



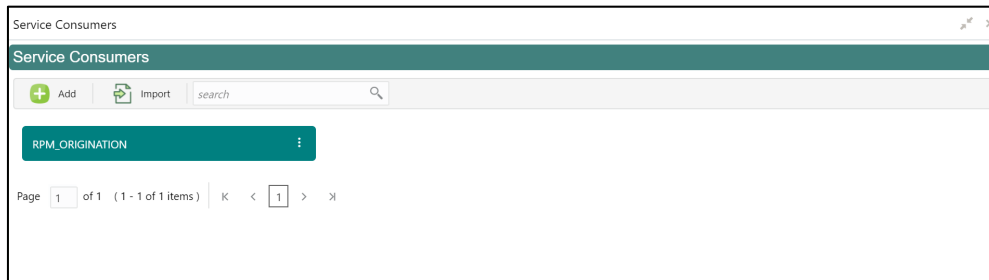


4. Select **FCUBS** and click **Import**.

**Figure 8: Confirmation**

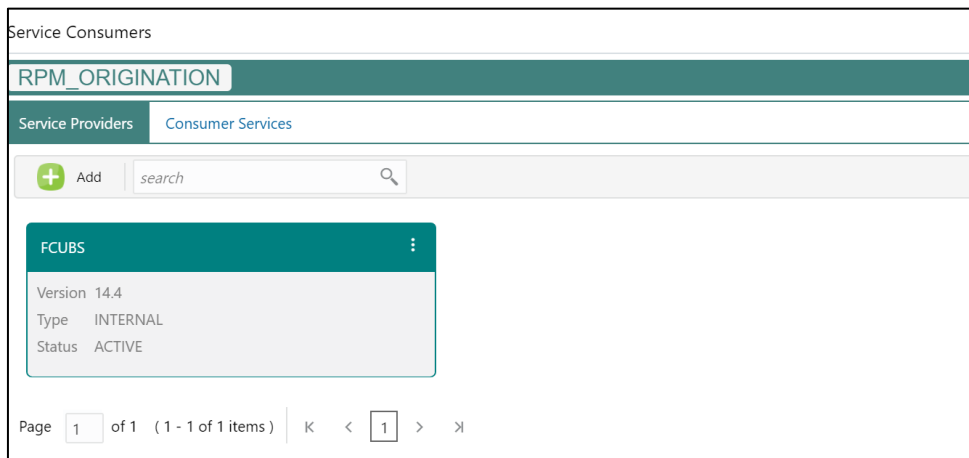


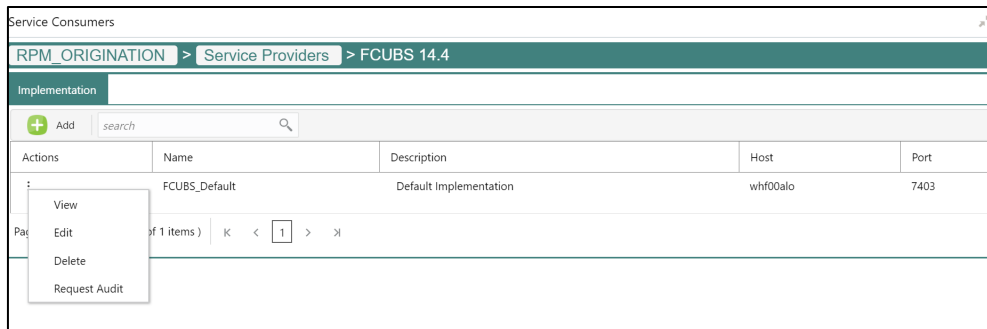
**Figure 9: RPM Origination**



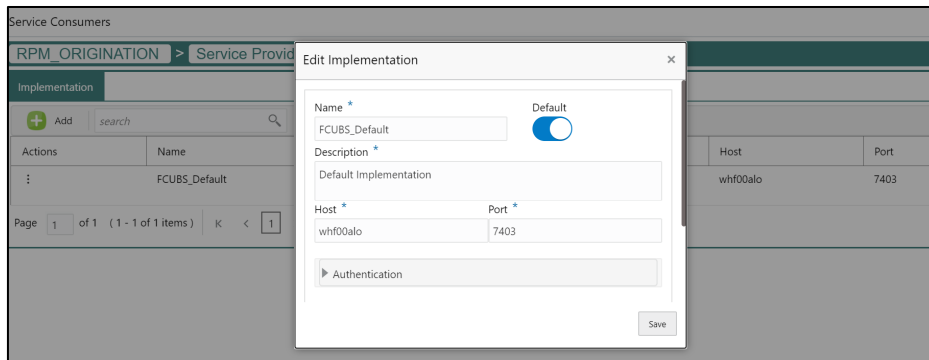
5. Click **RPM\_ORIGINATION**.
6. Under **RPM\_ORIGINATION**, click **FCUBS**.

**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**

The below consumer services will be imported.

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

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