Oracle FLEXCUBE Universal Banking Integration Guide

Oracle Banking Origination

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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 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 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 Banking Origination) by doing maintenance in the below mentioned screens.

1. CODSORCE - Upload Source Maintenance

Figure 1: Upload Source Maintenance

Uploa	d Source Mainte	nance			- ×
New	Copy Close	Unlock Print	Enter Query		
		Source Cod Source Descriptio	Retal Process Manageme: Base Data From FLEXCUBE System Authorization Required	Information Message Information Message Record Successfully Saved and Authorized Ot	
	Maker ANII	LG2	Date Time: 2020-03-26 12:55:07	Mod No 1 Record Status Open Authorization Status Authorized	Exit

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

Figure 2: Upload Source Preferences Maintenance

Upload Source Preferences Maintenance	i.				- >
New Copy Close Unlock Print E	nter Query				
Source Code *	RPM				
Module Code *	ST				
Error Handling		Post Upload			
On Error *	Reject ~		Status * Auth	xized 🖌	
On Override *	Ignore 🗸		Purge Days		
On Repairable Exception	Reject ~	Information Message		v Deferred Processing	
On Queue Exception	Reject ~	Information Message		tion Allowed	
		Record Successfully Saved and Authorized			
Function id Preferences			01		
Maker ANILG2	Date T	NIC: 2020/00/2012:00:12 1800 180 1	NCO	d Status Open	
Checker ANII G2	Date T	ime: 2020-03-26 12 59 12	Authorizat	on Status Authorized	Exit



3. GWDETSYS - External System Maintenance

Figure 3: External System Maintenance

ve	
xternal System	Correlation Pattern
External System * RPM	Request Message ID 🖌
Description RPM EXTERNAL SYSTE	
lessage Exchange Pattern	Queue
Request Message Full Screen V	Default Response Queue
Response Message Full Screen 🐱	Dead Letter Queue
XSD Validation Required	Register Response Queue Message Id
ernal System Queues	
◀ 1 Of 1 ▶ ▶ Go	+ - 8
In Queue Response Queue	
MDB QUEUE O MDB QUEUE PESPONS O	

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

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

Table 3: Function IDs



New Copy Close	Print Enter Query		
	External System * RPM Function * STGCUSAC Action * NEW Service Name FCUBBAccService Operation Code CreateCusAcc	Description Information Message Record Successfully Saved and Authorized	RPM EXTERNAL SYSTEM Bulk SMS Check
Fields			Ok

Figure 4: External System Functions

 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

Role	Maintena	ince													·×
Nev	и Сору	Close	Unlock	Print	Enter C	luery									
			Role Id *	ALLRC	LES										
		Role De	scription	all role	S										
				Cen	tralisatior	Role									
Main	tenance	Report	s Bat	ch (Online	Process Stage Right	s	Acc Class Res	triction	L	Branch Restriction	Rights	Web Branch	I.	^
	Maker Checker	PRANAV2 PRANAV2	2	D	ate Time: ate Time:	2000-07-03 12:14:47 2000-07-03 12:14:55		Mod No	25		Record Status Authorization Status	Open Authorized			Exit



2.4 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

Service Consumers			
Service Consumers	Import Service Consumer	×	
🕂 Add 🔁 Import search	File *		
No items to display.	RPM_ORIGINATION_Consumer.json Select Extract		
Page 👔 of 0 (1 - 0 of 0 items) 🔣 K 🔍 🕑 SUCC	CESS		×
Data extr	acted successfully.		1
			ок
	C FCUBS 14.4		
	Impo	art	



4. Select FCUBS and click Import.

Figure 8: Confirmation

Service Consumers		
Service Consumers	Import Service Consumer	×
Add Dimport search	File * RPM_ORIGINATION_Consumer.json Select Name *	Estrat
Page 1 of 0 (1 - 0 of 0 items) K < 🕑 CON	IFIRMATION	×
Do you v	vant to import?	I I
		Confirm
	PCUBS 144	Import

Figure 9: RPM Origination

ervice Consumers								
Service Consumers								
🕂 Add 🎦 Import search 🔍								
RPM_ORIGINATION ÷								
Page 1 of 1 (1 - 1 of 1 items) K < 1 > X								

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

Figure 10: RPM Origination

Service Consumer	5	
RPM_ORIGIN	NATION	
Service Providers	Consumer Services	
Add s	earch	्
FCUBS		
Version 14.4 Type INTERN Status ACTIVE	AL	
Page 1 of 1	(1 - 1 of 1 items) K <	1 > х



Figure 11: RPM Origination

Service	Consumers					$_{\mu}^{\mu}$ \times
RPM_ORIGINATION > Service Providers > FCUBS 14.4						
Implerr	Implementation					
Đ	Add 🔂 Import Search	٩				
Action	s Name	Description	Service Name	Host	Port	Queue
÷	TD_Default	FCUBS TD account		100.76.140.48	7005	
	CLIDC Default	Default Implementation		100.76.140.48	7003	
Pag	Edit of 2 items) K <	1 > ж				
	Delete					
	Export					
	Request Audit					

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

Service Consumers				
RPM_ORIGINATION > Service Providers > FC	Edit Implementation	×		
Implementation Add Import Search Actions Name Description I TD_Default FCUBS TD account I FCUBS_Default Default Implem Page of 1 (1 - 2 of 2 items) K < 1 > x	Name * FCUBS_Default Description * Default implementation Type * Default DEFAULT * Scheme * Host * Pot * htp * Vo.76.140.48 7003	sve	Port Queue 8 7005 8 7003	

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_INF

NOTE: Refer PDF attachments for downloading the file.

