

Oracle FLEXCUBE Universal Banking Integration Guide

Oracle Banking Virtual Account Management

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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 Virtual Account Management Product with Oracle FLEXCUBE Universal Banking.

1.2 Audience

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

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

1.3 List of Chapters

Following is the list of chapters in this document:

Chapters	Description
Chapter 1	Provides information on the intended audience. It also lists the various chapters covered in this manual.
Chapter 2	This chapter helps you to Integrate Oracle Banking Virtual Management product with Oracle FLEXCUBE Universal Banking.

2. Integration Guide

2.1 Introduction

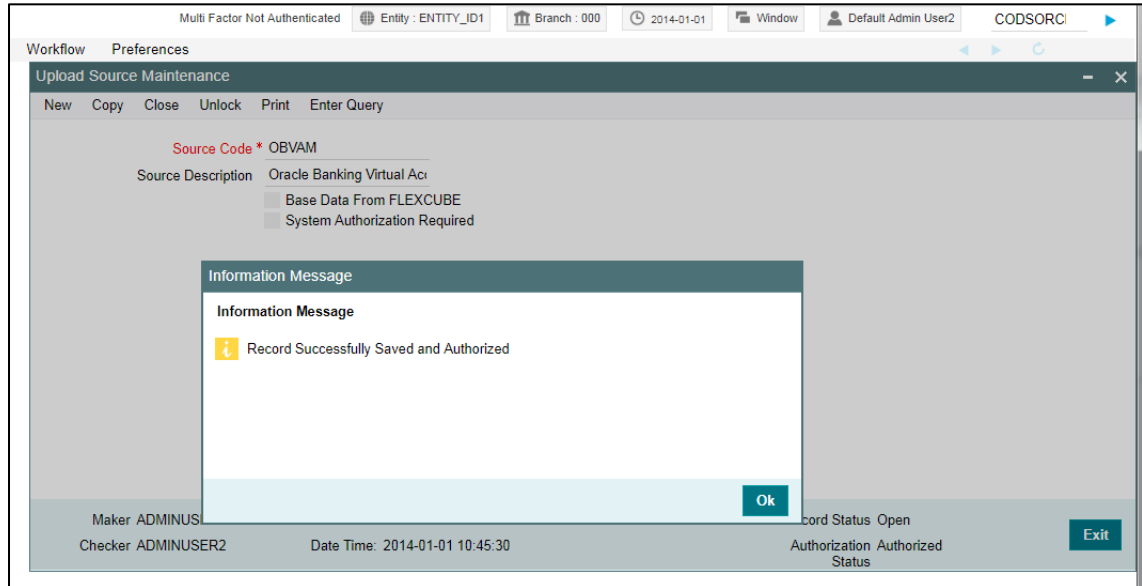
You can integrate Oracle Banking Virtual Account Management with Oracle FLEXCUBE Universal Banking. This document briefs you about the specific steps needed for integration of these two products and specific maintenances.

2.2 Maintenance for Oracle FLEXCUBE Universal Banking

Gateway setup should be done in Oracle FLEXCUBE Universal Banking for particular source system 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 IF, CA and ST

Figure 2: Upload Source Preferences Maintenance – IF Module

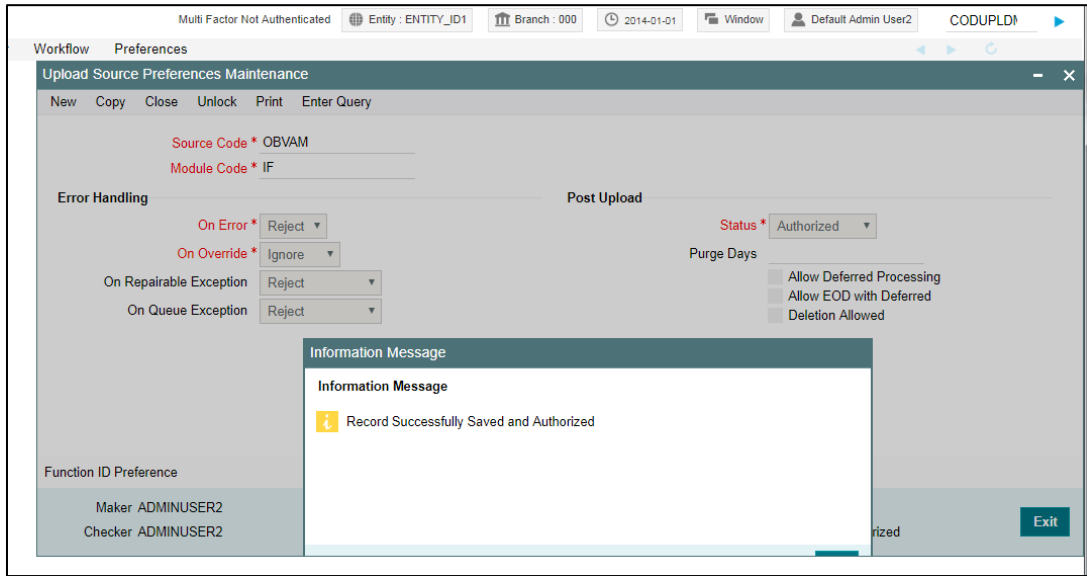


Figure 3: Upload Source Maintenance – CA Module

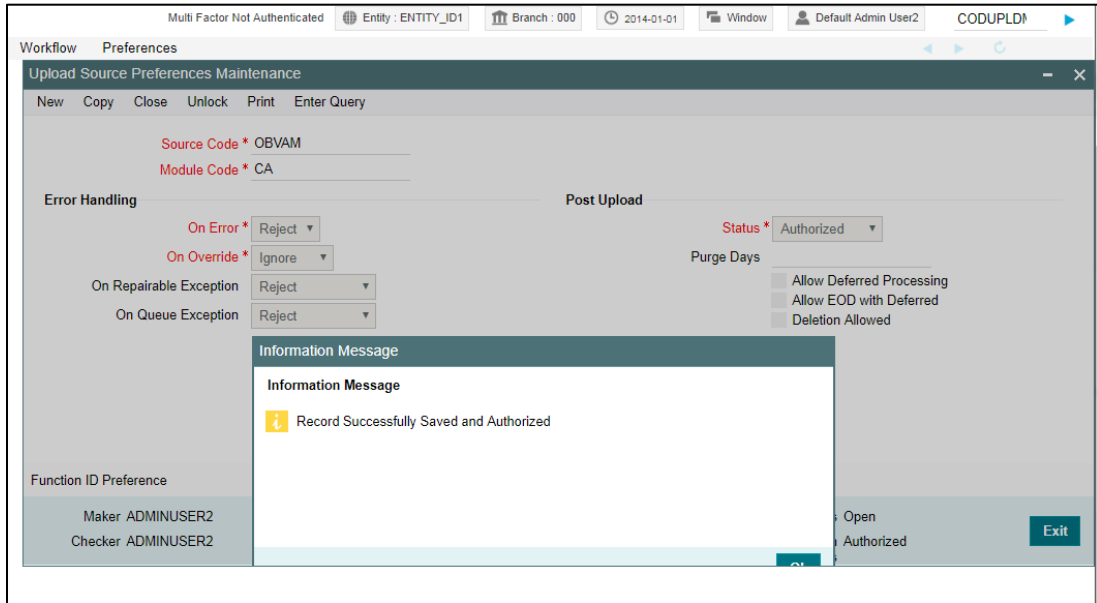
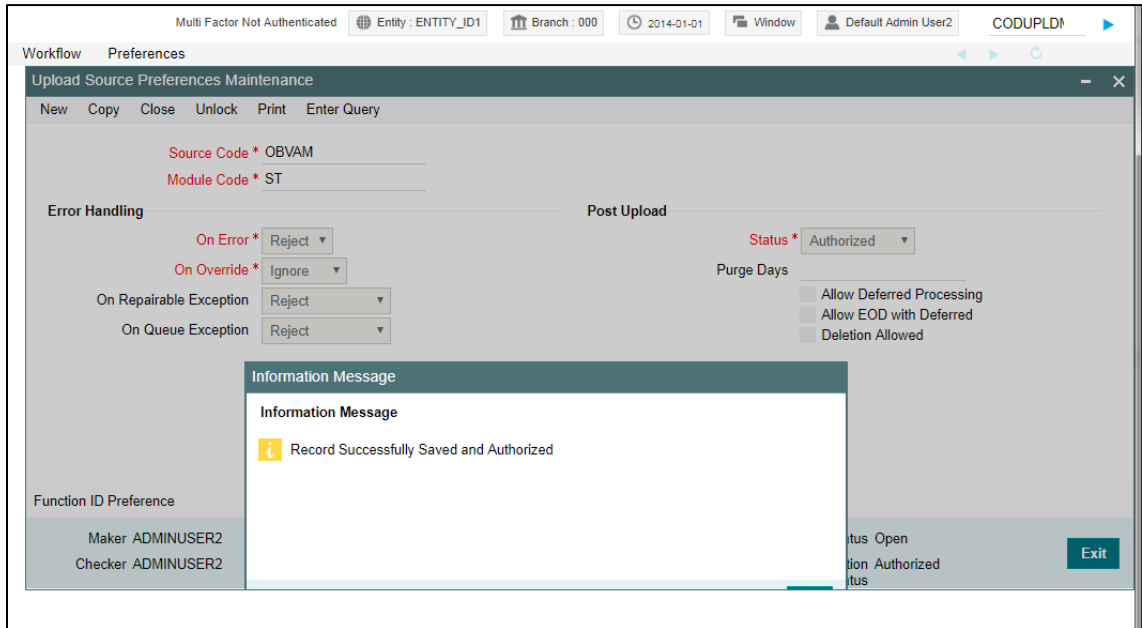
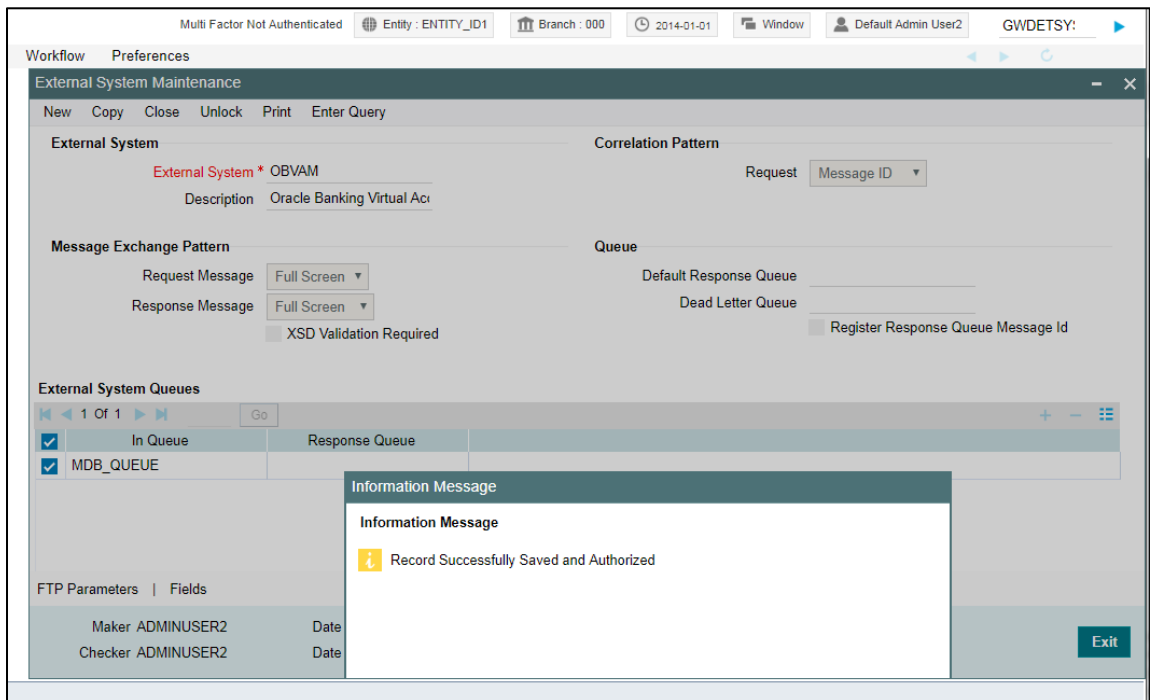


Figure 4: Upload Source Maintenance – ST Module



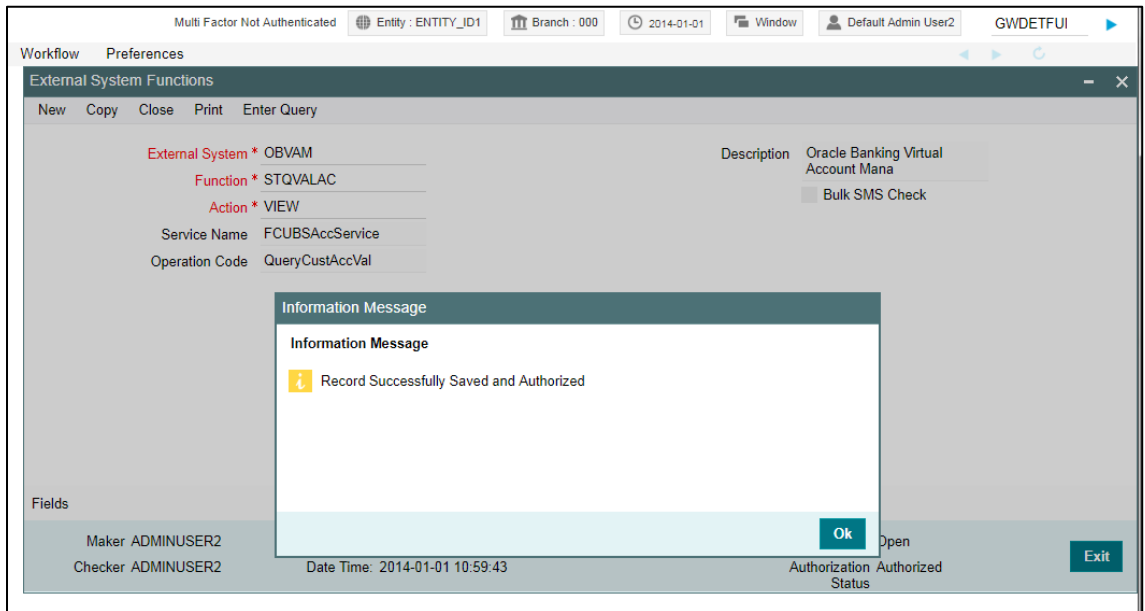
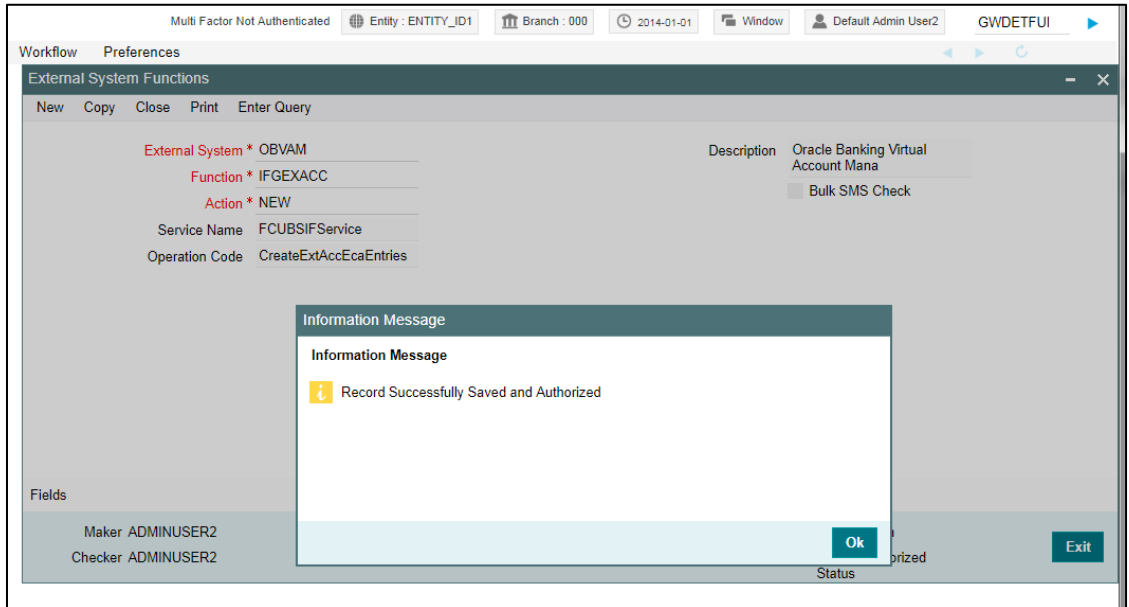
3. GWDETSYS – External System Maintenance

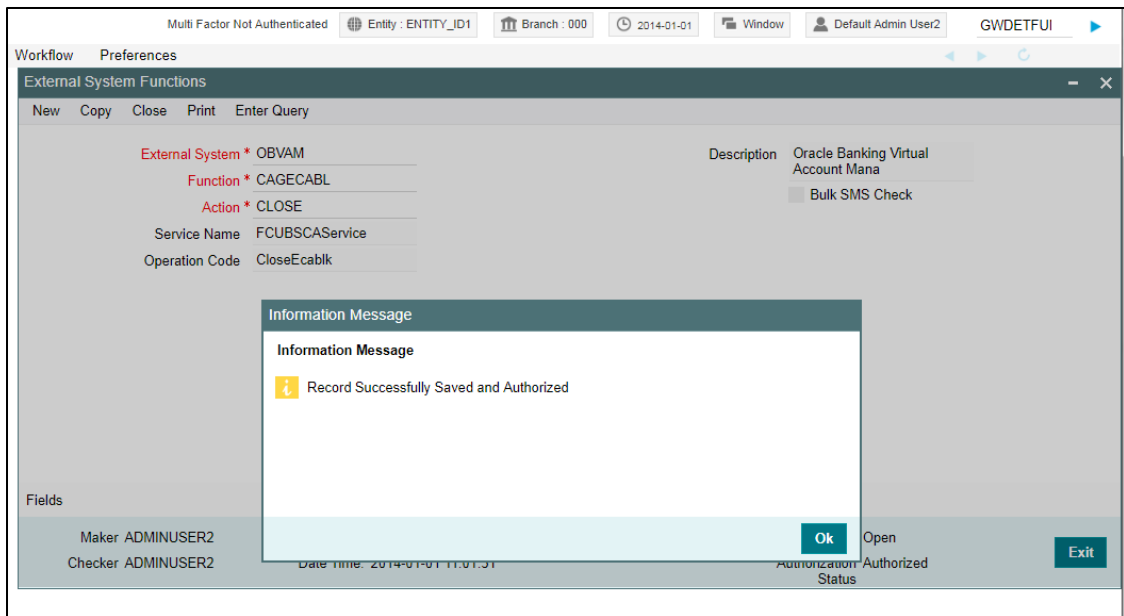
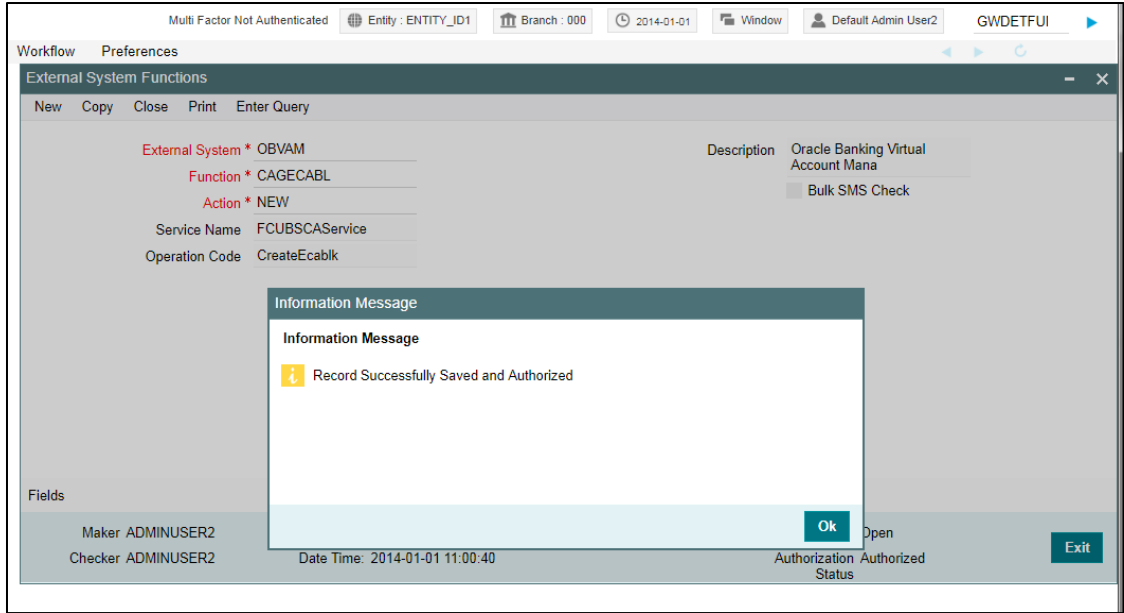
Figure 5: External System Maintenance



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

Figure 6: External System Functions





2.3 Structured Address Replication in Oracle FLEXCUBE Universal Banking Minicore

Gateway setup should be done in Oracle FLEXCUBE Universal Banking for Structured Address for particular source system by doing maintenance in the below mentioned screens, to use the web services exposed by Oracle FLEXCUBE Universal Banking Minicore for Structured Address so that we can push the data from Oracle Banking Virtual Account Management Common Core to Oracle FLEXCUBE Universal Banking Minicore.

1. GWDETSYS – External System Maintenance - for below function and actions.

External System: Oracle Banking Virtual Account Management

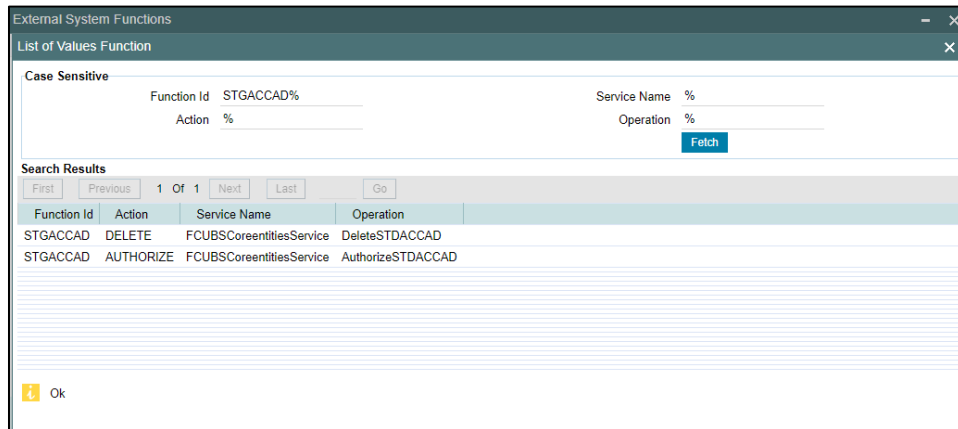
Function Id: STGACCAD

Click **Enter Query** and following are the list of operations:

- Authorize
- Modify
- Close
- Reopen

Click on any Function Id and execute query. Record will be saved and authorized successfully.

Figure 7: External System Functions



The screenshot displays the 'External System Functions' window. It features a search interface with the following details:

- Case Sensitive:** Function Id: STGACCAD%, Service Name: %, Action: %, Operation: %
- Search Results:** 1 Of 1 results found.
- Table:**

Function Id	Action	Service Name	Operation
STGACCAD	DELETE	FCUBSCoreentitiesService	DeleteSTDACCAD
STGACCAD	AUTHORIZE	FCUBSCoreentitiesService	AuthorizeSTDACCAD

At the bottom left, there is an 'Ok' button.

External System Functions - Transaction Branch Code ::: 000

New Copy Close Print Enter Query

External System * OBVAM
 Function * STGACCAD
 Action * UNLOCK
 Service Name FCUBSCoreentitiesService
 Operation Code ModifySTDACCAD

Description Oracle Banking Virtual Account
 Bulk SMS Check

Fields

Maker ADMINUSER1 Date Time: 2020-03-26 11:47:23 Mod No 1 Record Status Open
 Checker ADMINUSER1 Date Time: 2020-03-26 11:47:23 Authorization Authorized Status

Exit

External System Functions - Transaction Branch Code ::: 000

New Copy Close Print Enter Query

External System * OBVAM
 Function * STGACCAD
 Action * CLOSE
 Service Name FCUBSCoreentitiesService
 Operation Code CloseSTDACCAD

Description Oracle Banking Virtual Account
 Bulk SMS Check

Information Message
 Information Message
 Record Successfully Saved and Authorized

Fields

Maker ADMINUSER1 Date Time: 2020-03-26 12:58:21
 Checker ADMINUSER1 Date Time: 2020-03-26 12:58:21 Authorization Authorized Status

Ok Exit

External System Functions - Transaction Branch Code ::: 000

New Copy Close Print Enter Query

External System * OBVAM
 Function * STGACCAD
 Action * REOPEN
 Service Name FCUBSCoreentitiesService
 Operation Code ReopenSTDACCAD

Description Oracle Banking Virtual Account
 Bulk SMS Check

Information Message
 Information Message
 Record Successfully Saved and Authorized

Fields

Maker ADMINUSER1 Date Time: 2020-03-26 13:13:45
 Checker ADMINUSER1 Date Time: 2020-03-26 13:13:45 Authorization Authorized Status

Ok Exit

2. GWSETFUN – External System Functions - for below function and actions.

External System: Oracle Banking Virtual Account Management

Function Id: STGACCAD

Figure 8: External System Function Summary

External System Function Summary

Save Export Refresh Reset Clear All Details

Case Sensitive

Authorization Status Record Status

Function STGACCAD Action

External System OBVAM

Records per page 15 1 Of 1 Go Lock Columns 0

<input type="checkbox"/>	Authorization Status	Record Status	Function	Action	External System
<input type="checkbox"/>	Authorized	Open	STGACCAD	CLOSE	OBVAM
<input type="checkbox"/>	Authorized	Open	STGACCAD	NEW	OBVAM
<input type="checkbox"/>	Authorized	Open	STGACCAD	REOPEN	OBVAM
<input type="checkbox"/>	Authorized	Open	STGACCAD	UNLOCK	OBVAM

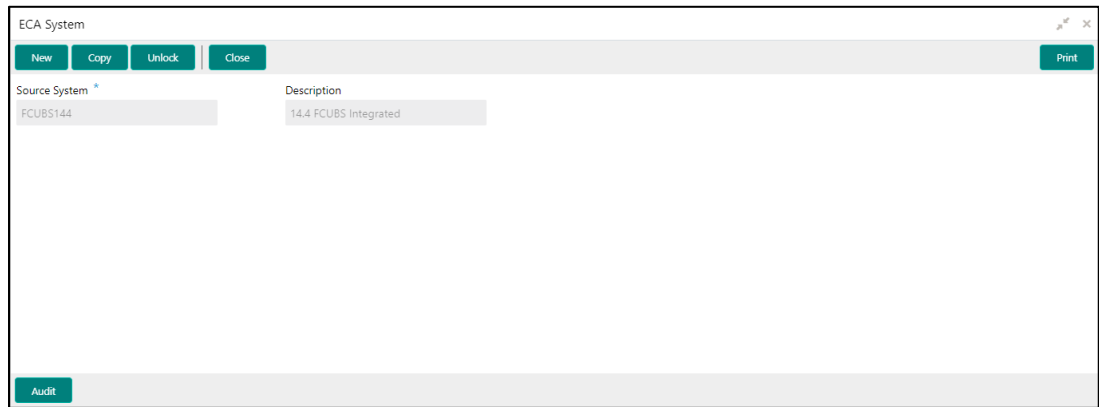
Exit

2.4 Maintenance for Oracle Banking Virtual Account Management

1. Maintain ECA system in common core for Oracle FLEXCUBE Universal Banking.

Navigation Route: Core Maintenance > ECA System > Create ECA System

Figure 9: ECA System

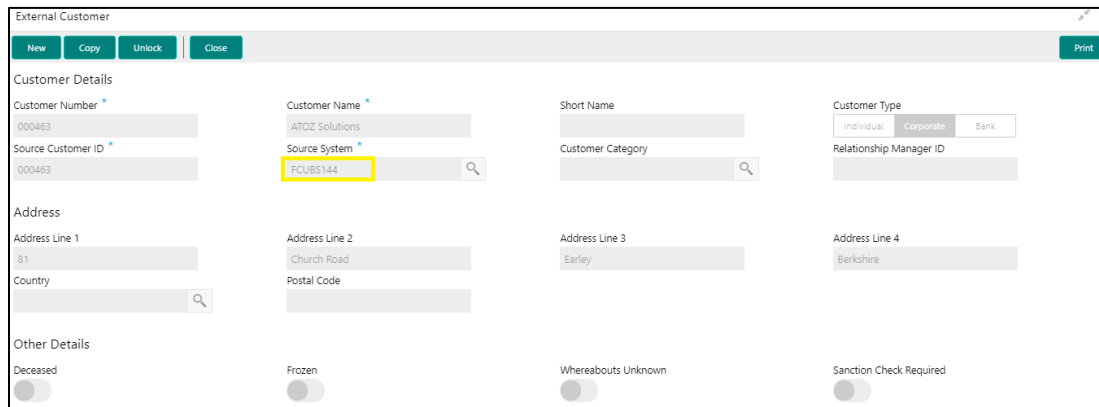


The screenshot shows the 'ECA System' form. At the top, there are buttons for 'New', 'Copy', 'Unlock', 'Close', and 'Print'. The form contains two main fields: 'Source System' with the value 'FCUBS144' and 'Description' with the value '14.4 FCUBS Integrated'. At the bottom left, there is an 'Audit' button.

2. Common Core External Customer should replicate the 'Real Customer' from Oracle FLEXCUBE Universal Banking. In addition, the source system should be the one created in step 1.

Navigation Route: Core Maintenance > External Customer > Create external Customer

Figure 10: External Customer



The screenshot shows the 'External Customer' form. At the top, there are buttons for 'New', 'Copy', 'Unlock', 'Close', and 'Print'. The form is divided into several sections: 'Customer Details', 'Address', and 'Other Details'. In the 'Customer Details' section, the 'Source System' field is highlighted in yellow and contains the value 'FCUBS144'. Other fields include 'Customer Number' (000463), 'Customer Name' (ATOZ Solutions), 'Short Name', 'Customer Type' (Individual, Corporate, Bank), 'Source Customer ID' (000463), 'Customer Category', and 'Relationship Manager ID'. The 'Address' section includes 'Address Line 1' (81), 'Address Line 2' (Church Road), 'Address Line 3' (Earley), 'Address Line 4' (Berkshire), and 'Country'. The 'Other Details' section includes 'Deceased', 'Frozen', 'Whereabouts Unknown', and 'Sanction Check Required', each with a radio button.

- Common Core 'External Account' should replicate the 'Real Account' from Oracle FLEXCUBE Universal Banking. In addition, here, the "External Credit Approval System" should be the source system maintained in step 1.

Navigation Route: Core Maintenance > External Customer Account > Create External Customer Account

Figure 11: External Customer Account

The screenshot displays the 'External Customer Account' form. The top section, 'Account Details', includes fields for Customer Account Number (00000463018), Account Name (ATOZ Solutions), Customer Number (000463), Account Class (Normal Account), Account Currency (GBP), Source Account Branch (000), Customer Name (ATOZ Solutions), and Source Customer Account (00000463018). The Address section includes Address Line 1 (81), Address Line 2 (Church Road), Address Line 3 (Earley), Address Line 4 (Berkshire), and Country. The bottom section, 'Other Details', features toggle switches for No Credit, Dormant, No Debit, External Credit Approval Required, Blocked, and Frozen. The 'External Credit Approval System' field is highlighted with a yellow box and contains the value 'FCUBS144'. The Host Code field contains 'HOST2'. The Account Open Date is set to 'Apr 1, 2018'. The form includes buttons for 'New', 'Copy', 'Unlock', 'Close', 'Print', and 'Audit'.

4. Common Core 'External Chart' should replicate the GL value from Oracle FLEXCUBE Universal Banking. The GL should be present in STTB_ACCOUNT table in Oracle FLEXCUBE Universal Banking.

Navigation Route: Maintenance > External Chart Account > Create external Chart Account

Figure 12: External Charts

External Charts

New Copy Unlock Close Print

General Ledger Code
261100005

General Ledger Description	Source System	Source System GL Code	Category
261100005	FCUBS143	261100005	Asset

Blocked
Off

Audit

5. Maintain valid transaction code from Oracle FLEXCUBE Universal Banking.

Navigation Route: Core Maintenance > Transaction Code > Create Transaction Code

Figure 13: Transaction Code

Transaction Code

New Copy Unlock Close Print

Transaction Code * 000 Description immediate credit

Source System FCUBS144 Source Transaction Code 000

Audit

6. Maintain external DDA details the offset GL, and EAC required check as below.

Navigation Route: Virtual Account Management > Configuration > External DDA System > Create External DDA System

- Pick DDA offset GL maintained in common core external chart.
- Specify EAC is required or Not.

Figure 14: External DDA System

External DDA System			
ECA System FCUBS144			
System Preferences			
EAC URL	Account Entries URL	ECA URL	Package Structure
Default Offset GL 173000004	DDA User ID	EAC Required <input checked="" type="checkbox"/>	