

FCUBS - OBVAM Integration Guide  
Oracle Banking Virtual Account Management

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## FCUBS - OBVAM Integration Guide

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# 1. About this Manual

## 1.1 Purpose

This manual is to help with Integration of Oracle Banking Virtual Account Management Product with 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:

Role	Function
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 FLEXCUBE Universal Banking.

## 1.4 Acronym and Abbreviation

Following are some of the acronyms and abbreviations you are likely to find in the manual:

Abbreviation	Description
FCUBS	FLEXCUBE Universal Banking
OBVAM	Oracle Banking Virtual Account Management

## 2. Integration Guide

### 2.1 Introduction

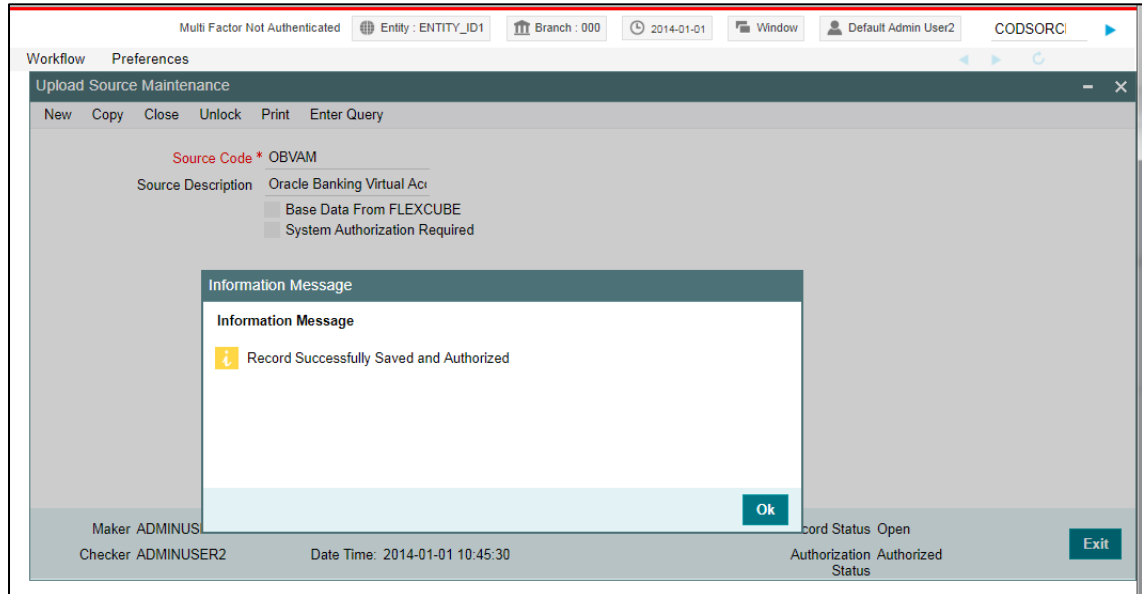
You can integrate Oracle Banking Virtual Account Management with FLEXCUBE Universal Banking. This document briefs you about the specific steps needed for integration of these two products and specific maintenances.

### 2.2 Maintenance for FCUBS

Gateway setup should be done in FCUBS for particular source system (OBVAM) by doing maintenance in the below mentioned screens.

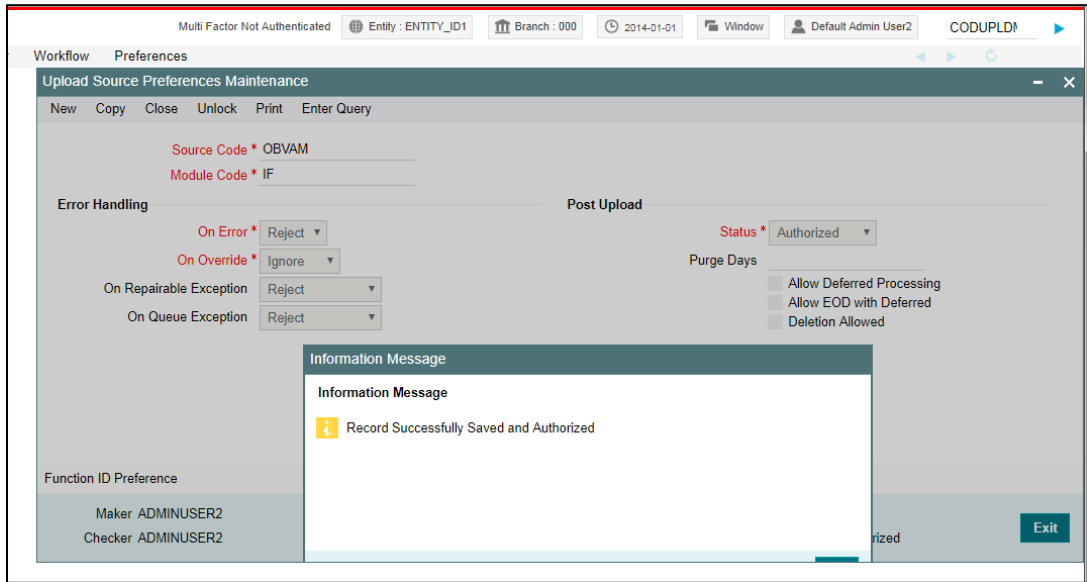
1. CODSORCE – Upload Source Maintenance

**Figure 1: Upload Source Maintenance**

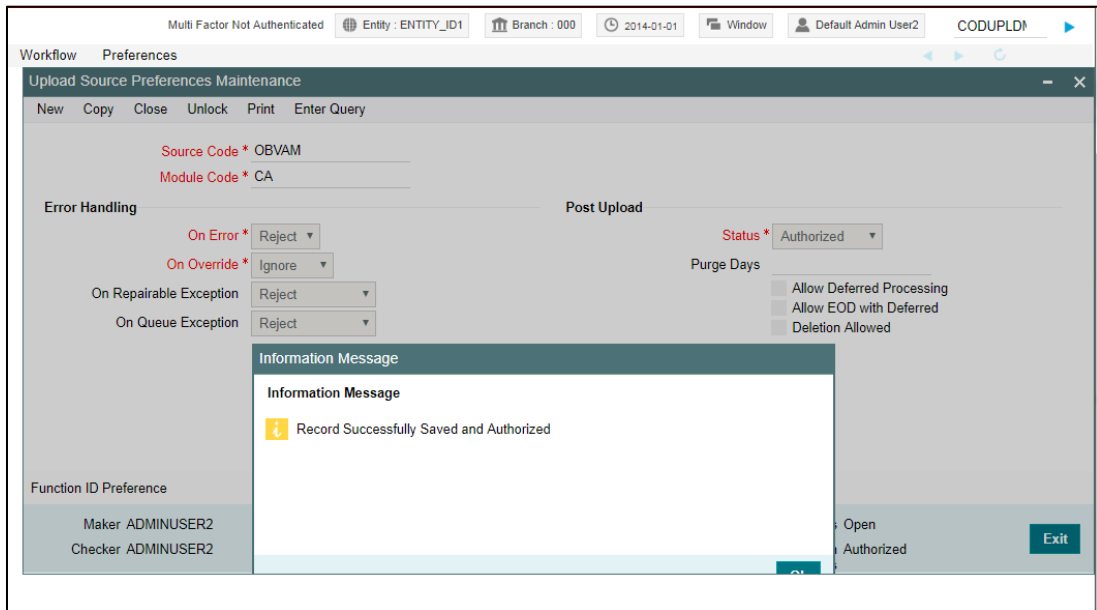


2. CODUPLDM – Upload Source Preferences Maintenance – For modules IF, CA and ST

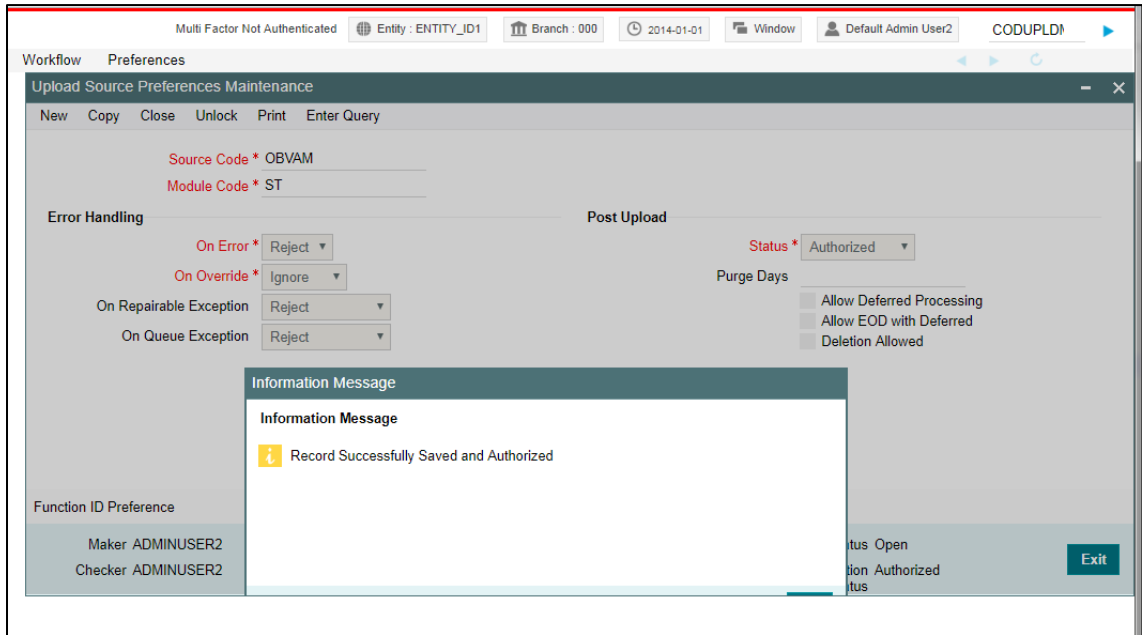
**Figure 2: Upload Source Preferences Maintenance – IF Module**



**Figure 3: Upload Source Maintenance – CA Module**

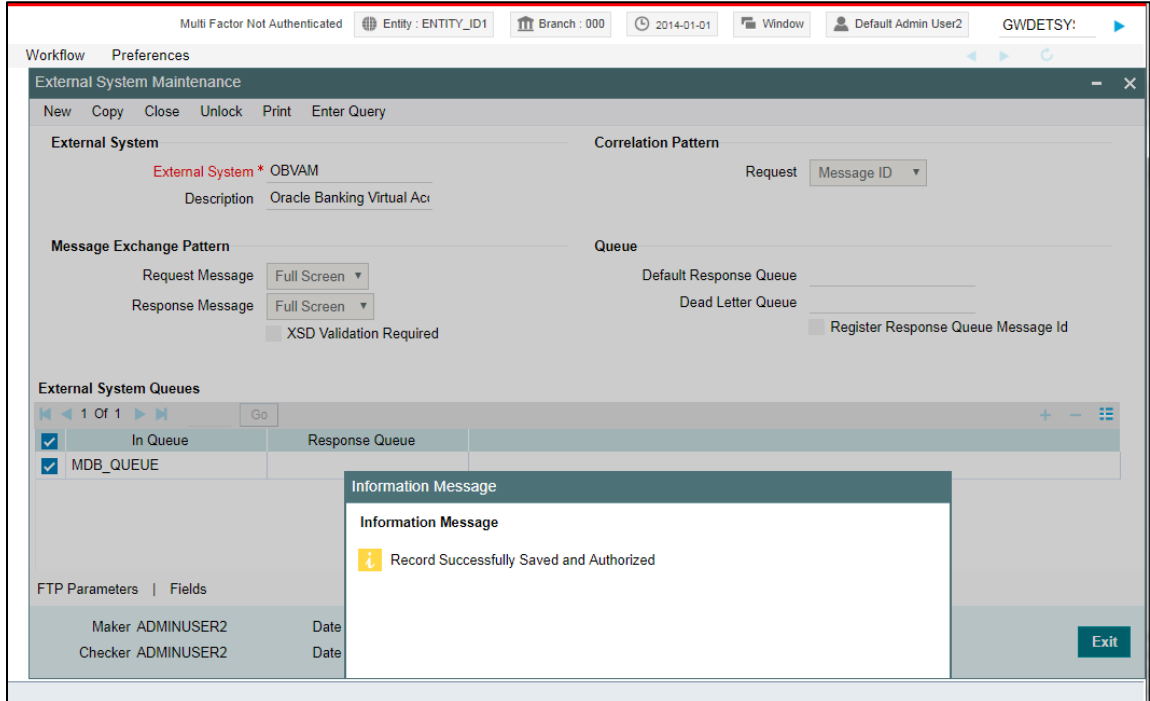


**Figure 4: Upload Source Maintenance – ST Module**



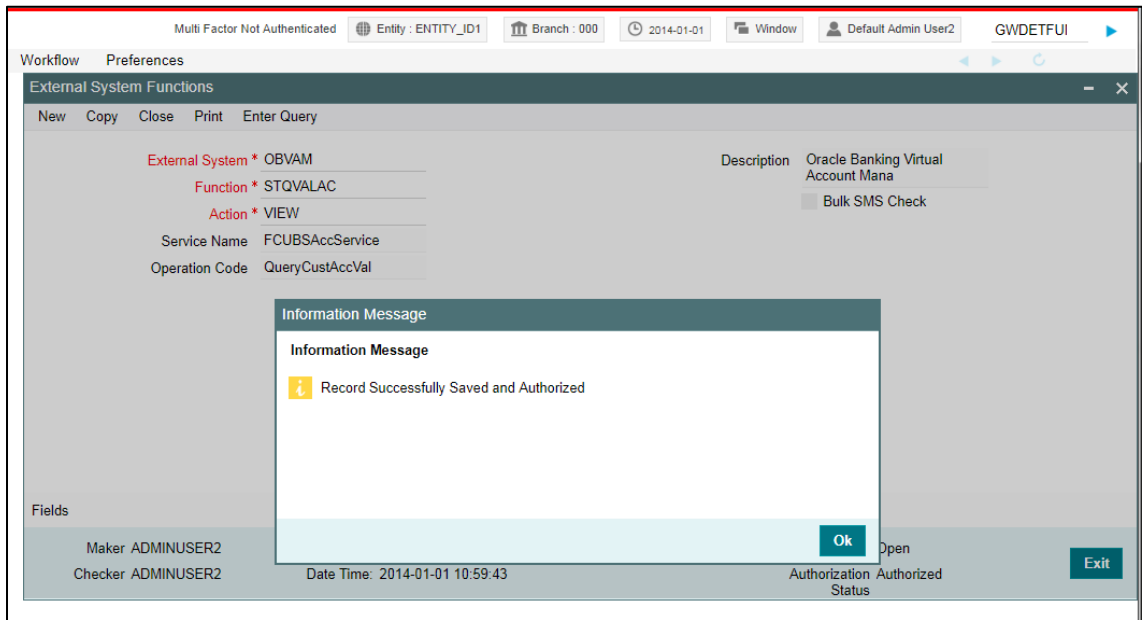
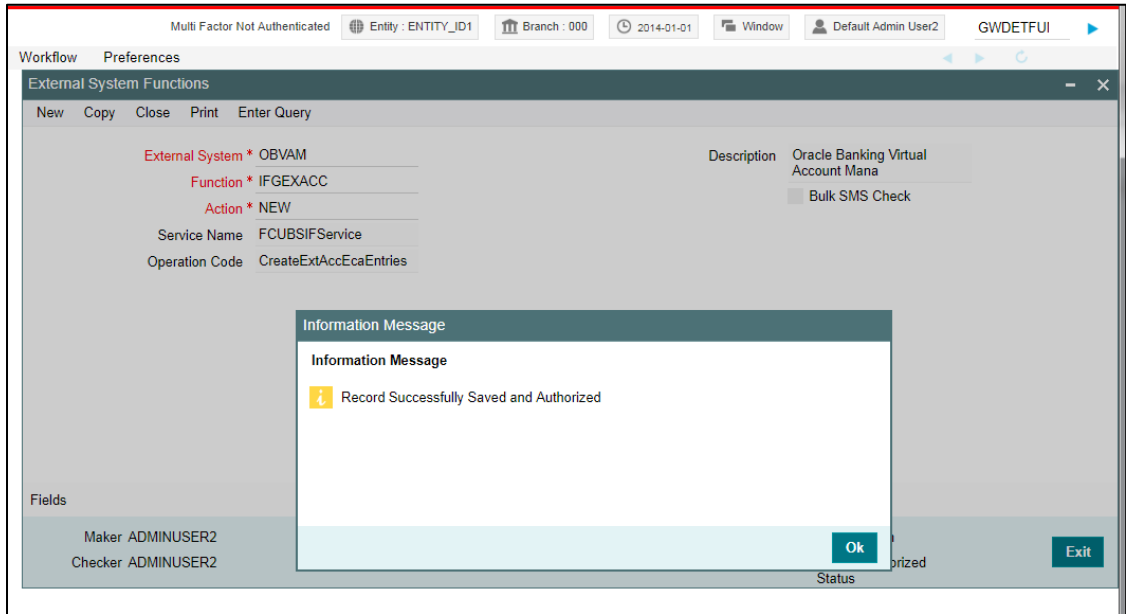
**3. GWDETSYS – External System Maintenance**

**Figure 5: External System Maintenance**

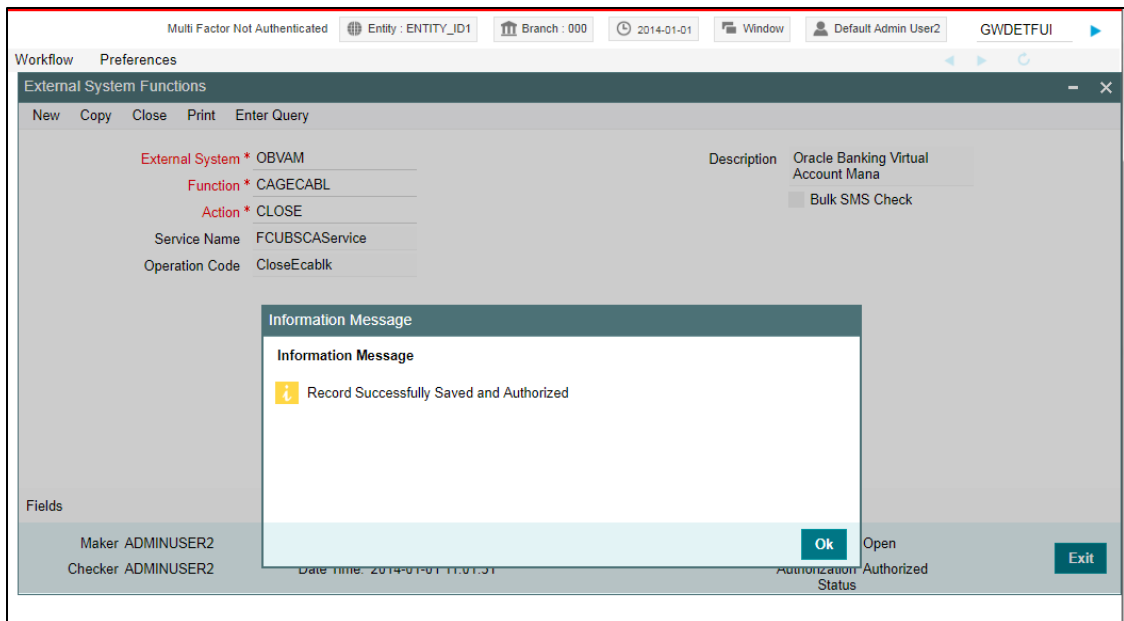
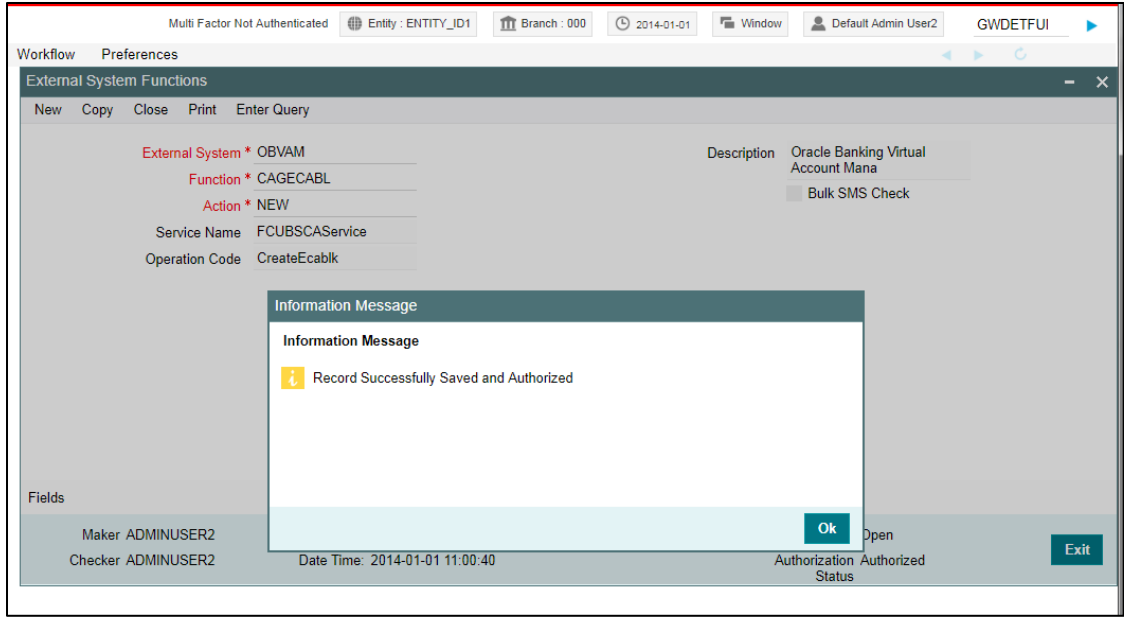


4. GWDEFUN – External System Functions – for below function and actions.

**Figure 6: External System Functions**







## 2.3 Structured Address Replication in FCUBS Minicore

Gateway setup should be done in FCUBS for Structured Address for particular source system (OBVAM) by doing maintenance in the below mentioned screens, to use the web services exposed by FCUBS Minicore for Structured Address so that we can push the data from OBVAM Common Core to FCUBS Minicore.

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

External System: OBVAM

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 shows a web application window titled 'External System Functions'. Inside, there is a 'List of Values Function' section with search criteria: Function Id (STGACCAD%), Service Name (%), and Action (%). A 'Fetch' button is present. Below this is a 'Search Results' section with a table containing two rows of data. The table has columns for Function Id, Action, Service Name, and Operation. The first row shows STGACCAD, DELETE, FCUBSCoreentitiesService, and DeleteSTDACCAD. The second row shows STGACCAD, AUTHORIZE, FCUBSCoreentitiesService, and AuthorizeSTDACCAD. At the bottom left, there is an 'Ok' button.

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

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: OBVAM

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 OBVAM

1. Maintain ECA system in common core for FCUBS.

**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'. Below these, there are two input 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 FCUBS. 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'. Below these, there are several sections of input fields: 'Customer Details' with fields for 'Customer Number' (000463), 'Customer Name' (ATOZ Solutions), 'Short Name', 'Customer Type' (Individual, Corporate, Bank), 'Source Customer ID' (000463), 'Source System' (FCUBS144), and 'Customer Category'; 'Address' with fields for 'Address Line 1' (81), 'Address Line 2' (Church Road), 'Address Line 3' (Earley), 'Address Line 4' (Berkshire), and 'Country'; and 'Other Details' with toggle switches for 'Deceased', 'Frozen', 'Whereabouts Unknown', and 'Sanction Check Required'.

3. Common Core 'External Account' should replicate the 'Real Account' from FCUBS. 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 shows the 'External Customer Account' form with the following details:

- Account Details:**
  - Customer Account Number: 00000463018
  - Account Name: ATOZ Solutions
  - Customer Number: 000463
  - Customer Name: ATOZ Solutions
  - Account Class: Normal Account
  - Account Currency: GBP
  - Source Account Branch: 000
  - Source Customer Account: 00000463018
  - Account IBAN: (empty)
- Address:**
  - Address Line 1: 81
  - Address Line 2: Church Road
  - Address Line 3: Earley
  - Address Line 4: Berkshire
  - Country: (empty)
- Other Details:**
  - No Credit:
  - No Debit:
  - Blocked:
  - Frozen:
  - Dormant:
  - External Credit Approval Required:
  - External Credit Approval System: FCUBS144 (highlighted in yellow)
  - Host Code: HOST2
  - Account Open Date: Apr 1, 2018

4. Common Core 'External Chart' should replicate the GL value from FCUBS. The GL should be present in STTB\_ACCOUNT table in FCUBS.

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

**Figure 12: External Charts**

The screenshot shows the 'External Charts' form with the following details:

- General Ledger Code:** 261100005
- General Ledger Description:** 261100005
- Source System:** FCUBS143 (highlighted in yellow)
- Source System GL Code:** 261100005
- Category:** Asset
- Blocked:** Off

- Maintain valid transaction code from FCUBS.

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

**Figure 13: Transaction Code**

The screenshot shows a 'Transaction Code' form. At the top, there are buttons for 'New', 'Copy', 'Unlock', 'Close', and 'Print'. The form contains the following fields:

- Transaction Code \***: 000
- Description**: immediate credit
- Source System**: FCUBS144
- Source Transaction Code**: 000

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

- Maintain external DDA details (i.e., WSDL links for web services required to post a transaction) 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.
- Provide valid user ID for the system to login to FCUBS successfully.

**Figure 14: External DDA System**

The screenshot shows an 'External DDA System' form. At the top, there are buttons for 'New', 'Copy', 'Unlock', 'Close', and 'Print'. The form contains the following fields:

- ECA System \***: FCUBS144
- System Preferences**:
  - EAC URL**: /FCUBSAccService/FCUBSAccService?W
  - Account Entries URL**: FCUBSIFService/FCUBSIFService?WSDL
  - ECA URL**: /FCUBSCAService/FCUBSCAService?WS
  - Package Structure**: oracle.fsgbu.obviam.dda.services.FCUBS
  - Default Offset GL**: 173000009
  - DDA User ID**: ADMINUSER1
  - EAC Required**:

At the bottom, there are buttons for 'Audit', 'Save', and 'Cancel'.

External System Functions

New Copy Close Print Enter Query

External System \* OBVAM  
 Function \* STGACCAD  
 Action \* REOPEN

Description Oracle Banking Virtual Account  
 Bulk SMS Check

Service Name FCUBSCoreentitiesService  
 Operation Code ReopenSTDACCAD

Fields

Maker ADMINUSER1	Date Time: 2020-03-26 13:13:45	Mod No 1	Record Status Open
Checker ADMINUSER1	Date Time: 2020-03-26 13:13:45		Authorization Authorized Status

Exit