

FCUBS - OBVAM Integration Guide
Oracle Banking Virtual Account Management

Release 14.4.0.2.0

Part Number F37373-01

November 2020





FCUBS - OBVAM Integration Guide
November 2020
Version 14.4.0.2.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © 2018-2020, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Table of Contents

| | |
|------------------------------------------------------------|------------|
| 1. ABOUT THIS MANUAL..... | 1-1 |
| 1.1 PURPOSE..... | 1-1 |
| 1.2 AUDIENCE | 1-1 |
| 1.3 LIST OF CHAPTERS..... | 1-1 |
| 1.4 ACRONYM AND ABBREVIATION | 1-1 |
| 2. INTEGRATION GUIDE | 2-1 |
| 2.1 INTRODUCTION | 2-1 |
| 2.2 MAINTENANCE FOR FCUBS | 2-1 |
| 2.3 STRUCTURED ADDRESS REPLICATION IN FCUBS MINICORE | 2-6 |
| 2.4 MAINTENANCE FOR OBVAM..... | 2-9 |

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

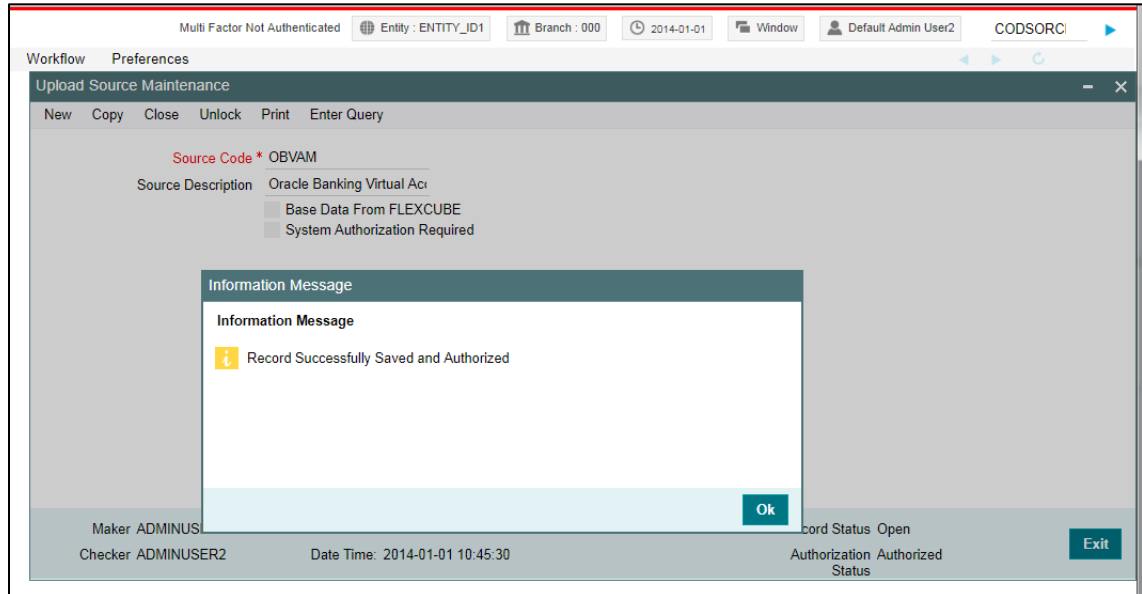
You can integrate Oracle Banking Virtual Account Management with FLEXCUBE Universal Banking. This document briefs you about the specific steps needed for integration of these two products and specific maintenances.

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

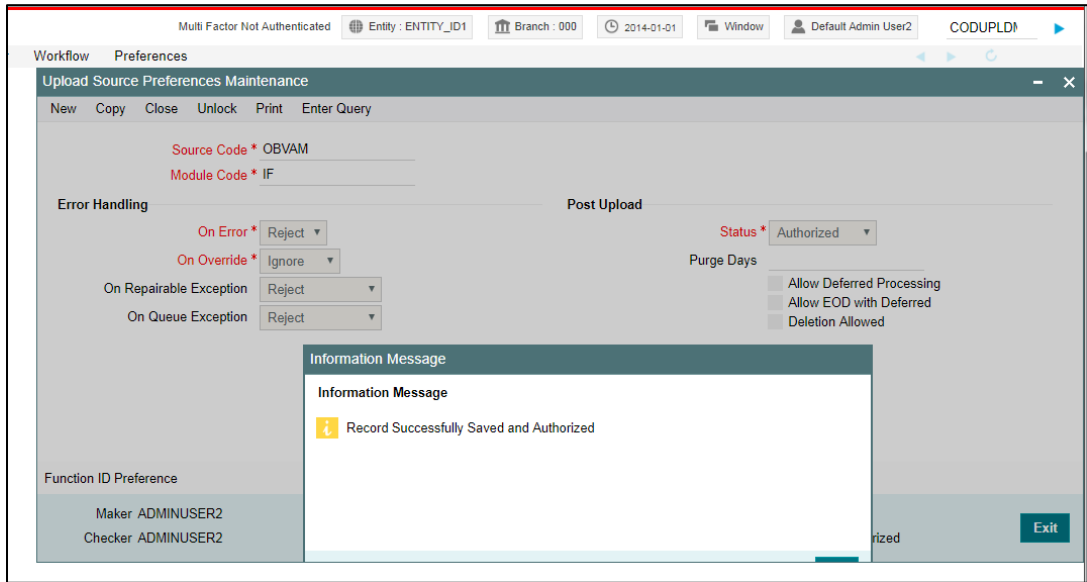


Figure 3: Upload Source Maintenance – CA Module

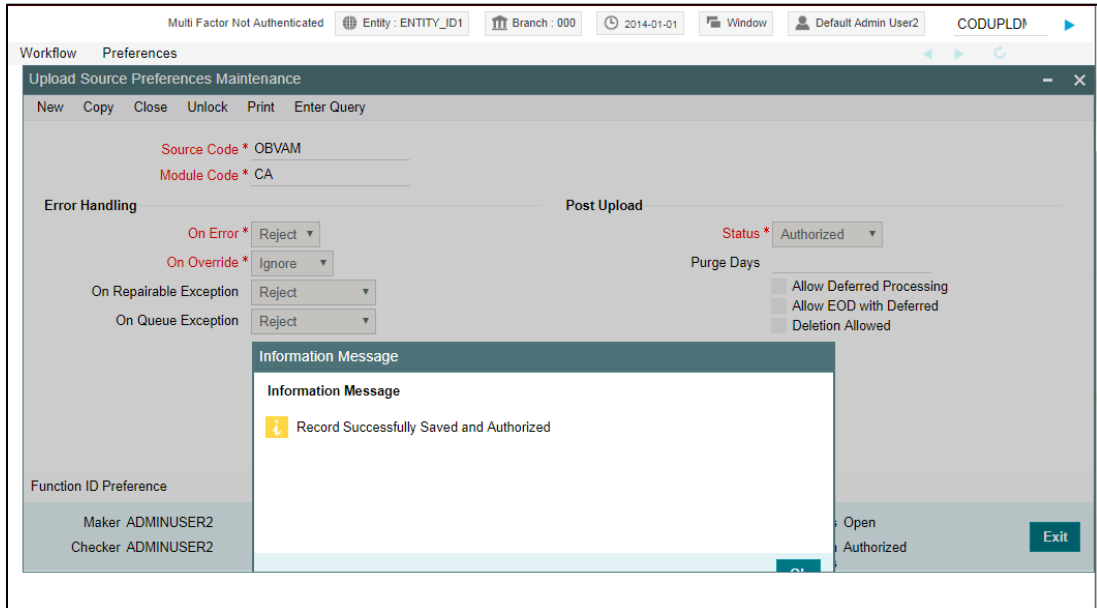
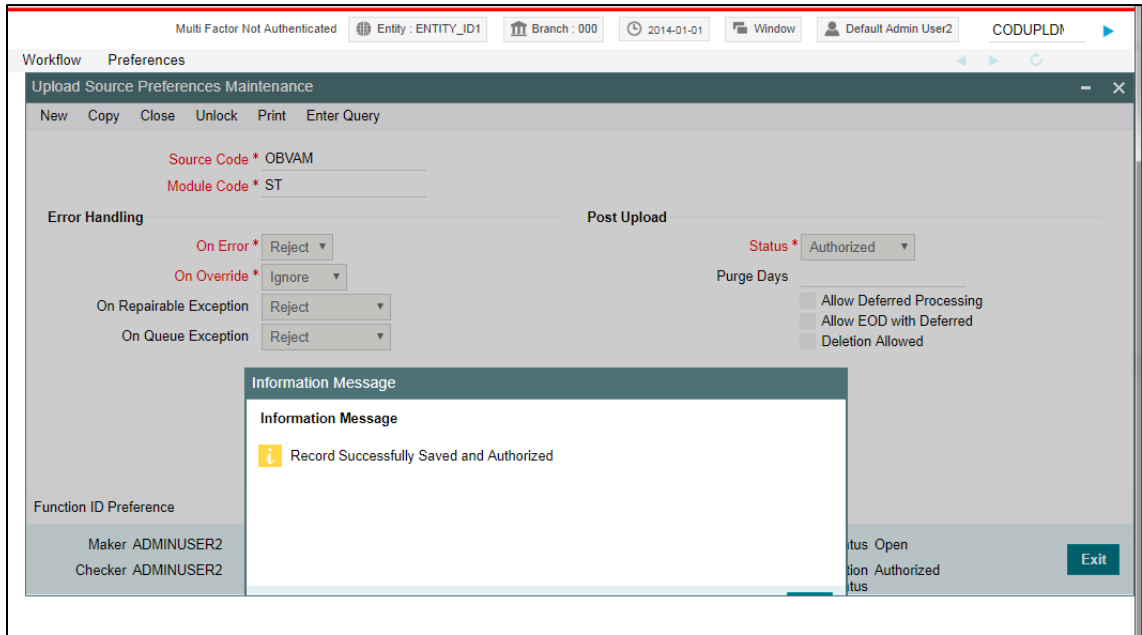
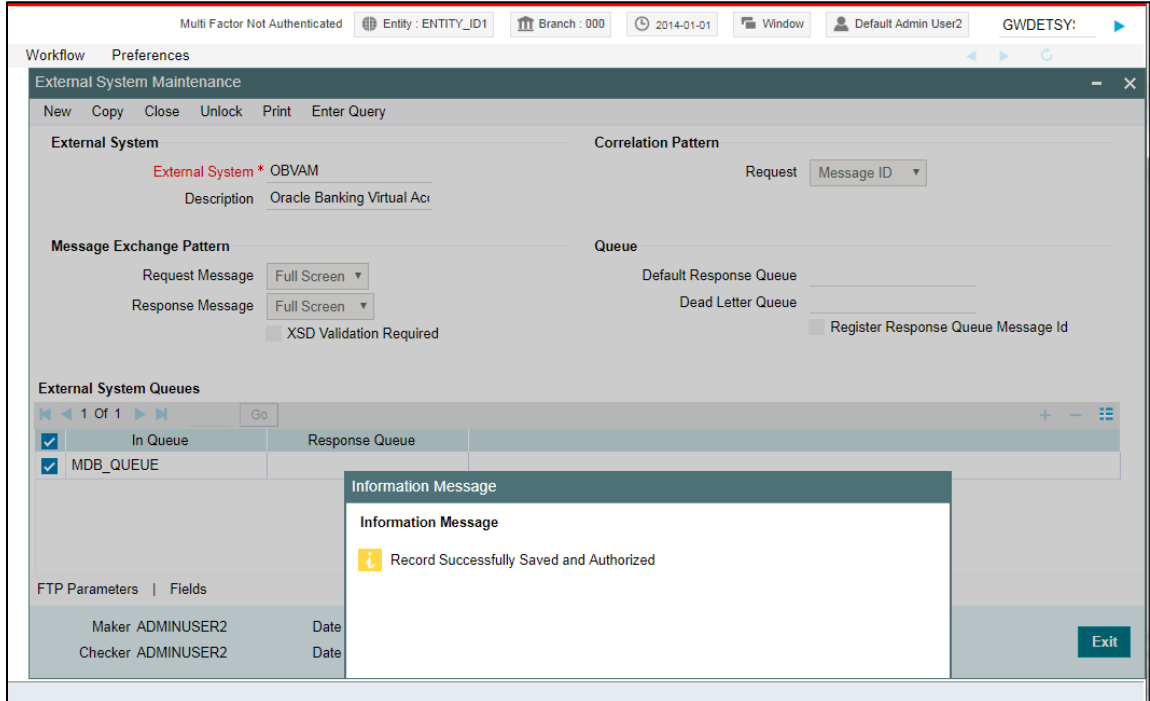


Figure 4: Upload Source Maintenance – ST Module



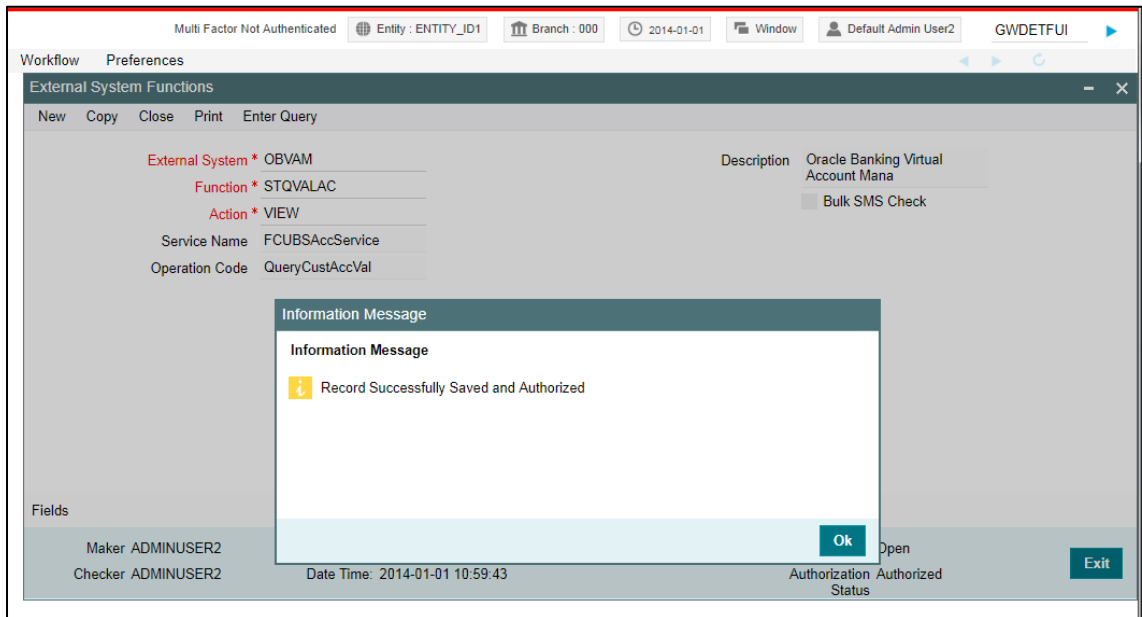
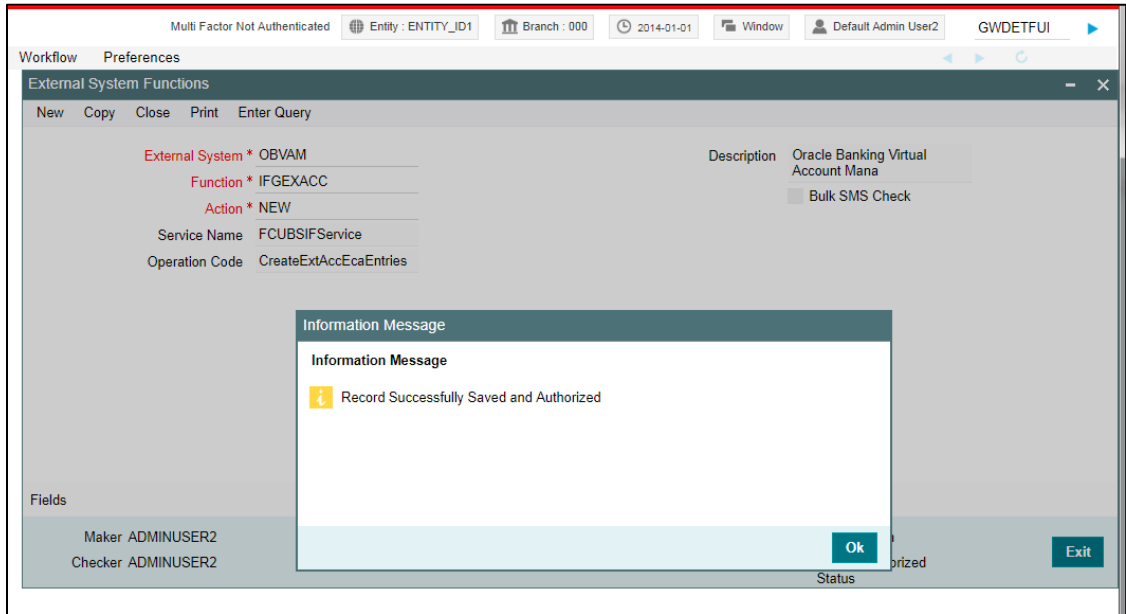
3. GWDETSYS – External System Maintenance

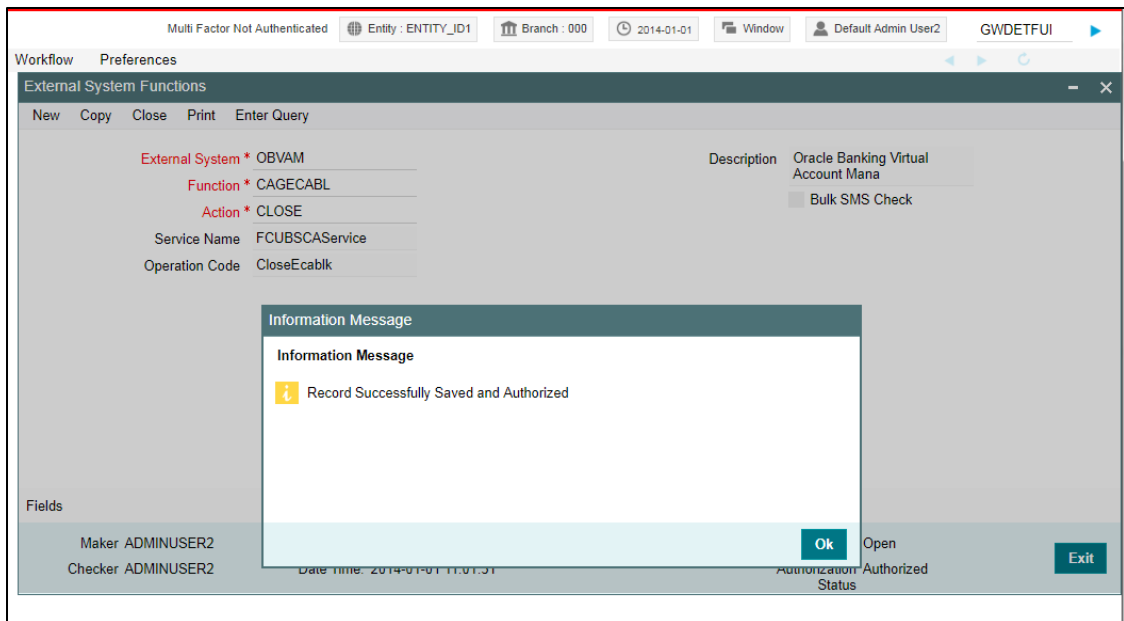
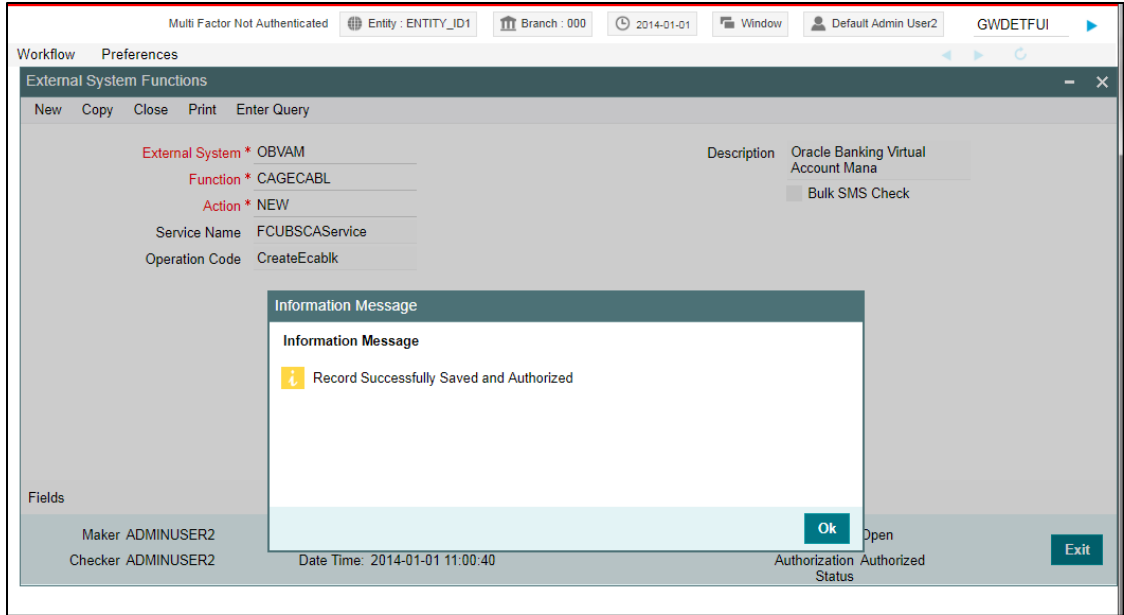
Figure 5: External System Maintenance



4. GWDETFUN – 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" with a sub-header "List of Values Function". It contains a search form with the following fields: "Case Sensitive" (checkbox), "Function Id" (text input with "STGACCAD%" entered), "Service Name" (text input with "%" entered), "Action" (text input with "%" entered), and "Operation" (text input with "%" entered). A blue "Fetch" button is located below the "Operation" field. Below the search form is a "Search Results" section with a table. The table has four columns: "Function Id", "Action", "Service Name", and "Operation". The table contains two rows of data. At the bottom left of the window, there is a yellow "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:** Customer Number (000463), Customer Name (ATOZ Solutions), Short Name, Customer Type (Individual, Corporate, Bank), Source Customer ID (000463), Source System (FCUBS144, highlighted in yellow), Customer Category, and Relationship Manager ID.
- Address:** Address Line 1 (81), Address Line 2 (Church Road), Address Line 3 (Earley), Address Line 4 (Berkshire), and Country.
- Other Details:** Deceased, Frozen, Whereabouts Unknown, and Sanction Check Required, each with a radio button.

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 data:

| Account Details | | | |
|---------------------------|-----------------------------------|-----------------------------------|---------------------------|
| Customer Account Number * | Account Name * | Customer Number * | Customer Name |
| 000000463018 | ATOZ Solutions | 000463 | ATOZ Solutions |
| Account Class | Account Currency * | Source Account Branch * | Source Customer Account * |
| Normal Account | GBP | 000 | 000000463018 |
| Account IBAN | | | |
| Address | | | |
| Address Line 1 | Address Line 2 | Address Line 3 | Address Line 4 |
| 81 | Church Road | Earley | Berkshire |
| Country | | | |
| Other Details | | | |
| No Credit | No Debit | Blocked | Frozen |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Dormant | External Credit Approval Required | External Credit Approval System * | Host Code * |
| <input type="checkbox"/> | <input type="checkbox"/> | FCUBS144 | 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 data:

| General Ledger Code | | | |
|----------------------------|---------------|-----------------------|----------|
| 261100005 | | | |
| General Ledger Description | Source System | Source System GL Code | Category |
| 261100005 | FCUBS143 | 261100005 | Asset |
| Blocked | | | |
| Off | | | |

5. Maintain valid transaction code from FCUBS.

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

Figure 13: Transaction Code

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

| | |
|--------------------|-------------------------|
| Transaction Code * | Description |
| 000 | immediate credit |
| Source System | Source Transaction Code |
| FCUBS144 | 000 |

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

6. 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 the '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 | Account Entries URL | ECA URL | Package Structure |
| /FCUBSAccService/FCUBSAccService?W | FCUBSIFService/FCUBSIFService?WSDL | /FCUBSCAService/FCUBSCAService?WS | oracle.fsgbu.obvam.dda.services.FCUBS |
| Default Offset GL | DDA User ID | EAC Required | |
| 173000009 | ADMINUSER1 | <input checked="" type="checkbox"/> | |

At the bottom left, there is an 'Audit' button. At the bottom right, there are 'Save' and 'Cancel' buttons.

External System Functions

New Copy Close Print Enter Query

External System * OBVAM Description Oracle Banking Virtual Account

Function * STGACCAD Bulk SMS Check

Action * REOPEN

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