

FCUBS-OBVAM Integration Guide
Oracle FLEXCUBE Universal Banking

Release 14.5.1.0.0

Part No. F45406-01

June 2021

ORACLE[®]

FCUBS - OBVAM Integration Setup Guide
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 © 2021, 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 Table of Contents

2	Introduction.....	2-1
2.1	About This Manual	2-1
2.2	Audience.....	2-1
2.3	Organization	2-1
2.4	Glossary.....	2-1
3	Integration Guide	3-2
3.1	Introduction.....	3-2
3.2	Maintenances to be done in FCUBS	3-2
3.2	Maintenances to be done in OBVAM.....	3-7

2 Introduction

2.1 About This Manual

This manual is to help Integration of Oracle Banking Virtual Account Management Product with Flexcube Universal Banking.

2.2 Audience

This manual is for the following User/User Roles:

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

2.3 Organization

This manual contains following chapters:

Chapter	Description
Chapter 1	Information about this Manual is specified in this section
Chapter 2	This chapter helps you to Integrate Oracle Banking Virtual Account Management product with FCUBS.

2.4 Glossary

This User Manual may refer to the following terms:

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

3 Integration Guide

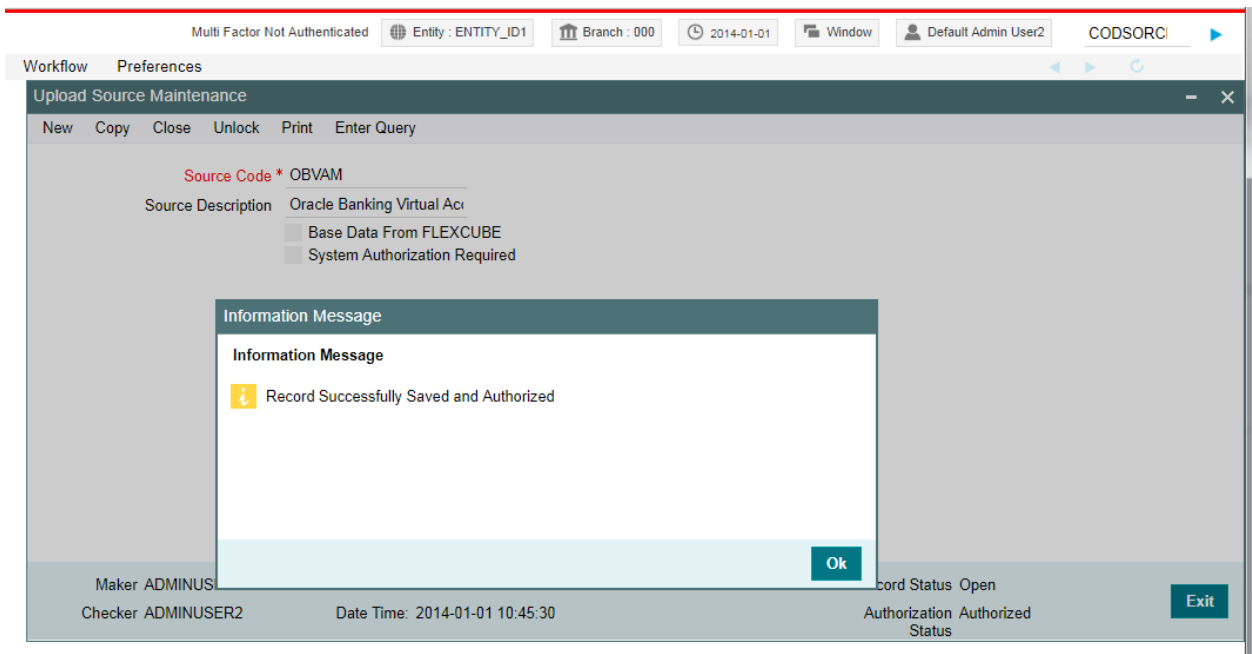
3.1 Introduction

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

3.2 Maintenances to be done in FCUBS

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

- a) CODSORCE –Upload Source Maintenance



- b) CODUPLDM – Upload Source Preferences Maintenance –For modules IF, CA and ST

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 CODUPLD

Workflow Preferences

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code * OBVAM
Module Code * IF

Error Handling

On Error * Reject
On Override * Ignore
On Repairable Exception Reject
On Queue Exception Reject

Post Upload

Status * Authorized
Purge Days
 Allow Deferred Processing
 Allow EOD with Deferred
 Deletion Allowed

Function ID Preference
 Maker ADMINUSER2
 Checker ADMINUSER2

Information Message

Information Message

Record Successfully Saved and Authorized

Authorized Exit

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 CODUPLD

Workflow Preferences

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code * OBVAM
Module Code * CA

Error Handling

On Error * Reject
On Override * Ignore
On Repairable Exception Reject
On Queue Exception Reject

Post Upload

Status * Authorized
Purge Days
 Allow Deferred Processing
 Allow EOD with Deferred
 Deletion Allowed

Function ID Preference
 Maker ADMINUSER2
 Checker ADMINUSER2

Information Message

Information Message

Record Successfully Saved and Authorized

Open
Authorized Exit

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 CODUPLD

Workflow Preferences

Upload Source Preferences Maintenance

New Copy Close Unlock Print Enter Query

Source Code * OBVAM
Module Code * ST

Error Handling

On Error * Reject
On Override * Ignore
On Repairable Exception Reject
On Queue Exception Reject

Post Upload

Status * Authorized
Purge Days
 Allow Deferred Processing
 Allow EOD with Deferred
 Deletion Allowed

Information Message

Information Message

Record Successfully Saved and Authorized

Function ID Preference

Maker ADMINUSER2
Checker ADMINUSER2

atus Open
tion Authorized
tus

Exit

c) GWDETSYS – External System Maintenance

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 GWDETSY:

Workflow Preferences

External System Maintenance

New Copy Close Unlock Print Enter Query

External System

External System * OBVAM
Description Oracle Banking Virtual Ac

Correlation Pattern

Request Message ID

Message Exchange Pattern

Request Message Full Screen
Response Message Full Screen
 XSD Validation Required

Queue

Default Response Queue
Dead Letter Queue
 Register Response Queue Message Id

External System Queues

1 Of 1 Go

In Queue	Response Queue
<input checked="" type="checkbox"/>	MDB_QUEUE

Information Message

Information Message

Record Successfully Saved and Authorized

FTP Parameters | Fields

Maker ADMINUSER2 Date
Checker ADMINUSER2 Date

Exit

d) GWDEFUN –External System Functions – for below function and actions.

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 GWDEFUI

Workflow Preferences

External System Functions

New Copy Close Print Enter Query

External System * OBVAM Description Oracle Banking Virtual Account Mana

Function * IFGEXACC Bulk SMS Check

Action * NEW

Service Name FCUBSIFService

Operation Code CreateExtAccEcaEntries

Information Message

Information Message

Record Successfully Saved and Authorized

Fields

Maker ADMINUSER2

Checker ADMINUSER2

Ok Exit

Status

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 GWDEFUI

Workflow Preferences

External System Functions

New Copy Close Print Enter Query

External System * OBVAM Description Oracle Banking Virtual Account Mana

Function * STQVALAC Bulk SMS Check

Action * VIEW

Service Name FCUBSAccService

Operation Code QueryCustAccVal

Information Message

Information Message

Record Successfully Saved and Authorized

Fields

Maker ADMINUSER2

Checker ADMINUSER2

Ok Open

Date Time: 2014-01-01 10:59:43 Authorization Authorized Status

Exit

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 GWDETFUI

Workflow Preferences

External System Functions

New Copy Close Print Enter Query

External System * OBVAM Description Oracle Banking Virtual Account Mana

Function * CAGECABL Bulk SMS Check

Action * NEW

Service Name FCUBSCAService

Operation Code CreateEcabl

Information Message

Information Message

Record Successfully Saved and Authorized

Fields

Maker ADMINUSER2

Checker ADMINUSER2

Date Time: 2014-01-01 11:00:40

Authorization Authorized Status

Ok Open Exit

Multi Factor Not Authenticated Entity : ENTITY_ID1 Branch : 000 2014-01-01 Window Default Admin User2 GWDETFUI

Workflow Preferences

External System Functions

New Copy Close Print Enter Query

External System * OBVAM Description Oracle Banking Virtual Account Mana

Function * CAGECABL Bulk SMS Check

Action * CLOSE

Service Name FCUBSCAService

Operation Code CloseEcabl

Information Message

Information Message

Record Successfully Saved and Authorized

Fields

Maker ADMINUSER2

Checker ADMINUSER2

Date Time: 2014-01-01 11:01:31

Authorization Authorized Status

Ok Open Exit

3.2 Maintenances to be done in OBVAM

1. Maintain ECA system in common core for FCUBS.

Menu: Core Maintenance-> ECA System -> Create ECA System

ECA System

New Copy Unlock Close Print

Source System * Description

FCUBS144 14.4 FCUBS Integrated

Audit

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

Menu: Core Maintenance ->External Customer -> Create external Customer

External Customer

New Copy Unlock Close Print

Customer Details

Customer Number * 000463

Customer Name * ATOZ Solutions

Short Name

Customer Type Individual Corporate Bank

Source Customer ID * 000463

Source System * FCUBS144

Customer Category

Relationship Manager ID

Address

Address Line 1 81

Address Line 2 Church Road

Address Line 3 Earley

Address Line 4 Berkshire

Country

Other Details

Deceased Frozen Whereabouts Unknown 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.

Menu: Core Maintenance ->External Customer Account -> Create External Customer Account

External Customer Account

New Copy Unlock Close Print

Account Details

Customer Account Number *	Account Name *	Customer Number *	Customer Name
00000463018	ATOZ Solutions	000463	ATOZ Solutions
Account Class	Account Currency *	Source Account Branch *	Source Customer Account *
Normal Account	GBP	000	00000463018
Account IBAN			

Address

Address Line 1	Address Line 2	Address Line 3	Address Line 4
81	Church Road	Earley	Berkshire
Country			

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			

Audit

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

Menu: Core Maintenance -> External Chart Account -> Create external Chart Account

ORACLE Dashboard FLEXCUBE UNI... May 2, 2018 OBVAM03 sudipta.b.biswas@oracle.com

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 FCUBS

Menu : Core Maintenance ->Transaction Code-> Create 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 ***: 000
- Description**: immediate credit
- Source System**: FCUBS144
- Source Transaction Code**: 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.

Menu –Virtual Account Management ->Configuration ->External DDA System -> Create External DDA System

- Pick DDA offset GL maintained in common core external chart.
- Give valid user ID for the system to login to FCUBS successfully.

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

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