

OBPM - OBVAM Integration Guide
Oracle Banking Virtual Account Management

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OBPM - OBVAM Integration Guide

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1. About this Manual

1.1 Purpose

This document is to help you with Integration of Oracle Banking Payments with Oracle Banking Virtual Account Management Product.

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

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 Payments product with Oracle Banking Virtual Account Management product.

1.4 Acronym and Abbreviation

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

Abbreviation	Description
OBPM	Oracle Banking Payments Management
OBVAM	Oracle Banking Virtual Account Management

2. Integration Guide

2.1 Introduction

You can integrate Oracle Banking Payments product (OBPM) with Oracle Banking Virtual Account Management. This document briefs you about the specific steps needed for integration of these two products and specific maintenances.

2.2 Maintenance for OBVAM

This section describes the specific maintenances needed for Oracle Banking Virtual Account Management (OBVAM) to integrate the same with Oracle Banking Payments (OBPM).

1. Maintain entry in CMC_TM_EXT_SYSTEM table in common core with valid WSDL URL for FCUBSCoreentitiesService web service exposed by OBPM.
2. Create a user for OBPM and assign role for user to perform journal transactions in OBVAM. Share the user to OBPM.

Navigation Route: Security Management > User > Create User

Figure 1: Create User

The screenshot shows the 'Create User' form with the following details:

- UserDetails:**
 - Username: OBPMUSER
 - Login ID: OBPMUSER
 - Home Branch: 000
- Status:**
 - User Status: Enable
 - Status Changed On: Apr 1, 2018
 - Is Supervisor: ☒
 - Manager ID: ADMINUSER2
 - Start Date: Apr 1, 2018
 - End Date: (empty)
- Other Details:**
 - Access to PII: ☒
 - Email ID: obpmuser@oracle.com
 - Telephone Number: 9834334433
 - Home Phone Number: (empty)

3. Maintain the Upload source code for external system OBPM.

Navigation Route: Core Maintenance > Upload Source > Create Upload Source

Figure 2: Create Upload Source

Create Upload Source

New

Source Code
OBPM

Source Description
Oracle Banking Payments

Base Data From Flexcube ☐

System Authorization Required ☒

Save Cancel

2.3 Maintenance for OBPM

This section describes the specific maintenances needed in Oracle Banking Payments (OBPM) to integrate the same with Oracle Banking Virtual Account Management (OBVAM).

1. ECA System Maintenance

Create External Credit Approval Check system as 'OBVAM' in STDECAMT screen.

Figure 3: External Credit Approval System

External Credit Approval System

New Copy Close Unlock Print Enter Query

Source System OBVAM

Description Oracle Virtual banking System

Maker OBDX2 Date Time: 2018-10-16 07:49:37 Mod No 1 Record Status Open

Checker OBDX2 Date Time: 2018-10-16 07:49:41 Authorization Authorized Status

Exit

2. Map the ECA system 'OBVAM' in the PMDECAMT.

Figure 4: External Credit Approval System Detailed

External Credit Approval System Detailed

New Copy Close Unlock Print Enter Query

External Credit Approval System * OBVAM

Description: Oracle Virtual banking System

Communication Type: ReST

Communication Method: Synchronous

Other Preferences

ECA System Class: OBVAM

Inter System Bridge GL:

Preferences

Inqueue JNDI Name:

Outqueue JNDI Name:

Queue Profile: OBVAM

WebService Preferences

WebService URL:

WebService Action:

ReST Preferences

ReST URL: http://10.184.160.23:7015/obvam-eca-services/ecablock

Faster Payment Preferences

Inqueue JNDI Name:

Outqueue JNDI Name:

Status Mapping

Maker: OBDX1	Date Time: 2018-10-02 17:22:42	Mod No: 1	Record Status: Open
Checker: OBDX1	Date Time: 2018-10-02 17:22:42		Authorization: Authorized

Exit

Communication Type should be 'ReST' and Communication Method should be 'Synchronous'.

Rest URL should contain the URL of OBVAM system where ECA block will be done.

Queue Profile should be the OBVAM. The Queue profile should be created with details as provided in the below screen 'PMDQPROF'.

3. Queue Connection Profile Maintenance

Figure 5: Queue Connection Profile Maintenance Detailed

Queue Connection Profile Maintenance Detailed

New Copy Unlock Enter Query

Profile ID * OBVAM

Profile Description: Oracle Virtual banking System

User ID: OBPMUSER

Password:

Context Provider URL:

Initial Context Factory Class:

Queue Factory JNDI:

☐ Queue Authentication Required

Status Mapping

Maker: SKUSR01	Date Time: 2019-01-29 12:27:02	Mod No: 4	Record Status: Open
Checker: SKUSR02	Date Time: 2019-01-29 12:28:52		Authorization: Authorized

Exit

4. Accounting System Maintenance

Maintain the accounting system as 'OBVAM' in PMDACCMT.

Figure 6: External Accounting System Detailed

The screenshot shows a window titled "External Accounting System Detailed" with a menu bar (New, Copy, Close, Unlock, Print, Enter Query). The main area is divided into several sections:

- External Accounting System * OBVAM**:
 - Description: Oracle Virtual banking System
 - Communication Type: ReST (dropdown)
 - Communication Method: Synchronous (dropdown)
- Other Preferences**:
 - ECA System Class: OBVAM (dropdown)
 - Inter System Bridge GL: (empty field)
- Preferences**:
 - Inqueue JNDI Name: (empty field)
 - Outqueue JNDI Name: (empty field)
 - Queue Profile: OBVAM (dropdown)
- WebService Preferences**:
 - WebService URL: (empty field)
 - WebService Action: (empty field)
- ReST Preferences**:
 - ReST URL: http://10.184.160.23:7015/obvam-transaction-journal-services/txns
- Faster Payment Preferences**:
 - Inqueue JNDI Name: (empty field)
 - Outqueue JNDI Name: (empty field)

At the bottom, there is a status bar with the following information:

Maker: OBDX1	Date Time: 2018-10-02 01:56:25	Mod No: 1	Record Status: Open
Checker: OBDX1	Date Time: 2018-10-02 01:56:28	Authorization: Authorized	Status: (empty)

An "Exit" button is located in the bottom right corner.

Communication Type should be 'ReST' and Communication Method should be 'Synchronous'

Rest URL should contain the URL of OBVAM system where EAC check will be done.

Queue Profile should be the OBVAM and should be created as mentioned in [Step-2](#).

5. Account Maintenance

Create the accounts (Normal / Nostro type) in OBVAM system which will be automatically replicated and displayed at STDCRACC in OBPM.

Creation of accounts, its amendments, closure and re-open status will get auto replicated to OBPM with the latest data.