

OBLM - OBVAM Integration Guide  
Oracle Banking Virtual Account Management

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## **OBLM - 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 Oracle Banking Liquidity Management.

## 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 Liquidity 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
OBLM	Oracle Banking Liquidity Management
OBVAM	Oracle Banking Virtual Account Management
IC	Interest and Charges

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## 2. Integration Guide

### 2.1 Introduction

You can integrate Oracle Banking Virtual Account Management with Oracle Banking Liquidity 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 Liquidity (OBLM).

1. In OBRH, create one entry for OBVAM-OBLM Integration. Provide the details of account and account structure handoff along with the header information. Refer to OBRH\_OBVAM\_Integration\_Guide.docx for more details.
2. In addition, do maintenance for OBLM in upload source using the following navigation route.

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

**Figure 1: Create Upload Source**

The screenshot shows a web application window titled "Create Upload Source". Inside the window, there is a "New" button in the top left corner. Below it, there are three input fields: "Source Code" containing "OBLM", "Source Description" containing "Oracle Banking Liquidity Management", and "Base Data From Flexcube" with a toggle switch. To the right of the "Base Data From Flexcube" toggle is another toggle switch labeled "System Authorization Required", which is currently turned on. At the bottom right of the window, there are two buttons: "Save" and "Cancel".

3. In addition, within OBVAM, we should create a user for OBLM having access to post journal transaction, to fetch value dated and sweep balance. Share the user to OBLM.

**Figure 2: Create User**

**Create User**

New

**UserDetails**

Username \* Login ID \* Home Branch \*

OBLMUSER OBLMUSER 000

**Status**

User Status \* Status Changed On \* Is Supervisor \* Manager ID \*

Enable Apr 1, 2018 ☒ ADMINUSER2

Start Date \* End Date \*

**Other Details**

Access to PII \* Email ID \* Telephone Number Home Phone Number

☒ oblmuser@oracle.com

## 2.3 Maintenance for OBLM

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

1. Maintain User Customer Linkage in user linkage screen.

**Navigation Route:** Oracle Banking Liquidity Management System > Maintenance > User Linkage > Create User Linkage

For the header user id which is provided to OBVAM for account and structure handoff, ensure that there is a maintenance in user linkage screen for that user id and real customer for which virtual account/structure is getting handed of from OBVAM.

**Figure 3: User Linkage**

**User Linkage**

New Unlock Close

User ID \* Username

SIMUSER2 SIMUSER2

**Customers**

Customer ID	Customer Name
CUST001	Johjen
AUF4	AUFUCUS4

And use the below APIs provided from OBVAM for getting value dated balance, sweep eligible balance and to post liquidation entries to OBVAM.

SI No	Action	Operation	Endpoint
1	GET Value Dated Balance	GET	/obvam-account-services/service/getVDBalance?virtualAccountNumber=xxxx
2	GET Sweep Eligible Balance & Value Dated	GET	/obvam-account-services/service/sweepandvaluedatedbalance?virtualAccountNumber=xxx&valueDate=yyyy-mm-dd
3	EAC (external account check)	POST	/obvam-transaction-journal-services/service/eac
4	ECA -Amount Block Creation	POST	/obvam-eca-services/service/ecablock host:port/obvam-eca-services/service/ecablock
5	Transaction Create	POST	/obvam-transaction-journal-services/service/txns

6. obvam-transaction-journal-services/service/txnPostingWithSkipDda

## 2.4 IC Maintenance

### 1. IC Account Group Maintenance

For OBVAM-IC integration, the external account group should be Real Customer + Account Product combination from OBVAM.

**Figure 4: IC Group Maintenance Summary**

IC Group Maintenance Summary

New

IC Group \*  
ICGP

IC Group Description  
IC Group

External IC Group \*  
234534PRD2

External IC Group Description  
External account group from OBVAM

Save Cancel

## 2.5 **OBVAM Maintenance for IC**

We have to set Interest Calculation Preferences Maintenance under the below menu.

**Navigation Route:** Virtual Account Management > Configuration > Interest Calculation Preferences > Create Interest Calculation Preferences

**Figure 5: Create Interest Calculation Preferences**

The screenshot shows a web form titled "Create Interest Calculation Preferences". At the top left is a "New" button. Below it are two input fields: "Standalone Interest Calculation System" with the value "IC" and "Standalone Interest Calculation System Description" with the value "Interest and Charges". Below these is a section titled "Action Details" which contains a table with three columns: "Action Name", "Action Description", and "Action URL". The first row of the table has the values "CREATE\_IC\_ACCOUNT", "Event to Handoff Virtual accounts creat", and ":-interest-input-services/icAcctMaster". To the right of the table is a "Set Parameters" button. At the bottom right of the form is a "+" button.

1. Perform the maintenance for IC in upload source using the following navigation route:

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

**Figure 6: Create Upload Source**

The screenshot shows a web form titled "Create Upload Source". At the top left is a "New" button. Below it are two input fields: "Source Code" with the value "IC" and "Source Description" with the value "Interest and Charges". To the right of the "Source Description" field are two toggle switches: "Base Data From Flexcube" which is turned off, and "System Authorization Required" which is turned on. At the bottom right of the form are "Save" and "Cancel" buttons.