

OBLM - OBVAM Integration Guide
Oracle Banking Virtual Account Management

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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

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. The liquidity management preferences should be set in OBVAM using the below menu option.

Navigation Route: Virtual Account Management > Configuration > Liquidity Management Preferences > Create Liquidity Management Preferences

Figure 1: Create Liquidity Management Preferences

The screenshot shows a web form titled "Create Liquidity Management Preferences". At the top left is a "New" button. Below it are two input fields: "Liquidity Management System" with the value "OBLM" and "Liquidity Management System Description" with the value "Oracle Banking Liquidity Management". Below these is a section titled "Action Details" which contains a table with three columns: "Action Name", "Action Description", and "Action URL". The table has one row with the values "CREATE_LM_ACCOUNT", "Event to Handoff Account Structure Cre", and "ce-services/account/createLmAccount". To the right of the table is a "Set Parameters" button. Below the table is a "+" button. At the bottom right of the form are "Save" and "Cancel" buttons.

Action Name	Action Description	Action URL
CREATE_LM_ACCOUNT	Event to Handoff Account Structure Cre	ce-services/account/createLmAccount

We should provide the details of account and structure handoff in the above maintenance along with the headers details. This includes the OBLM endpoints for account and structure handoff and the headers to access the endpoint.

Figure 2: Set Parameters

<input type="checkbox"/>	Parameter Name *	Parameter Value *	Parameter Type *
<input type="checkbox"/>	appld	LMM	Headers
<input type="checkbox"/>	branchCode	LMB	Headers
<input type="checkbox"/>	userid	SIMUSER1	Headers
<input type="checkbox"/>	password	XXXXXXXXXX	Headers

Page 1 of 1 (1-4 of 4 items) | < 1 >

OK

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 3: Create Upload Source

Source Code: OBLM

Source Description: Oracle Banking Liquidity Management

Base Data From Flexcube: ☐

System Authorization Required: ☒

Save 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 4: Create User

Create User

New

UserDetails

Username * OBLMUSER Login ID * OBLMUSER Home Branch * 000

Status

User Status * Enable Status Changed On * Apr 1, 2018 Is Supervisor * ☒ Manager ID * ADMINUSER2

Start Date * End Date *

Other Details

Access to PII ☒ Email ID * oblmuser@oracle.com Telephone Number Home Phone Number

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 5: User Linkage

User Linkage

New Unlock Close

User ID * SIMUSER2 Username 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=yyy-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 6: 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 7: Create Interest Calculation Preferences

Create Interest Calculation Preferences

New

Standalone Interest Calculation System *
IC

Standalone Interest Calculation System Description *
Interest and Charges

Action Details

Action Name *
CREATE_IC_ACCOUNT

Action Description
Event to Handoff Virtual accounts creat

Action URL *
-interest-input-services/icAccontMaster

Set Parameters

+

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

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

Figure 8: Create Upload Source

Create Upload Source

New

Source Code
IC

Source Description
Interest and Charges

Base Data From Flexcube
☐

System Authorization Required
☒

Save Cancel