Oracle Banking Liquidity Management Integration Guide

Oracle Banking Virtual Account Management

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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/

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1. About this Manual

1.1 <u>Purpose</u>

This guide is to help with Integration of Oracle Banking Virtual Account Management with Oracle Banking Liquidity Management.

1.2 <u>Audience</u>

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 <u>List of Chapters</u>

Chapters	Description
Chapter 1	Provides information on the intended audience. It also lists the various chapters covered in this guide.
Chapter 2	This chapter helps you to Integrate Oracle Banking Liquidity Management with Oracle Banking Virtual Account Management.

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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 Oracle Banking Virtual Account Management

This section describes the specific maintenances needed for Oracle Banking Virtual Account Management to integrate the same with Oracle Banking Liquidity Management.

1. Do maintenance for Oracle Banking Liquidity Management in upload source using the following navigation route for enabling the auto authorization for service APIs.

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

   Figure 1: Create Upload Source

2. In addition, within Oracle Banking Virtual Account Management, we should create a user for Oracle Banking Liquidity Management having access to post journal transaction, to fetch value dated and sweep balance. Share the user to Oracle Banking Liquidity Management .
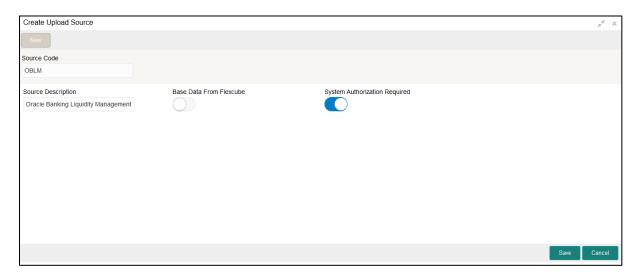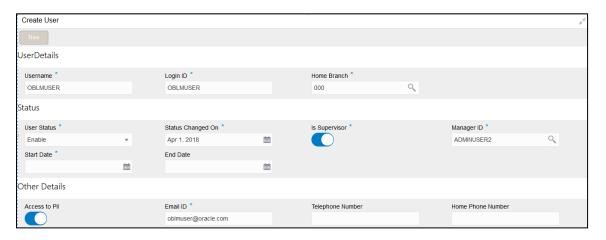
Figure 2: Create User

2.3 Maintenance for Oracle Banking Liquidity Management

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

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 Oracle Banking Virtual Account Management 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 Oracle Banking Virtual Account Management.

Figure 3: User Linkage

And use the below APIs provided from Oracle Banking Virtual Account Management for getting value dated balance, sweep eligible balance and to post liquidation entries to Oracle Banking Virtual Account Management.

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 Oracle Banking Virtual Account Management Maintenance for Interest Calculation

Oracle Banking Virtual Account Management – Interest Calculation Integration calls are routed with Oracle Banking Routing Hub.

In Oracle Banking Routing Hub, create one entry for Oracle Banking Virtual Account Management – Interest Calculation Integration. Provide the details of account handoff and other details along with the header information. Refer to **Oracle Banking Routing Hub Integration Guide** for more details.

1. Perform the maintenance for Interest Calculation in upload source using the following navigation route to enable auto authorization for service APIs.

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

    Figure 4: Create Upload Source