Oracle® Banking Virtual Account Management

Oracle Banking Liquidity Management Integration Guide

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Oracle Banking Virtual Account Management Oracle Banking Liquidity Management Integration Guide, Release 14.7.3.0.0

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Preface

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- Diversity and Inclusion
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Purpose

This guide describes the systematic instruction to integrate Oracle Banking Virtual Account Management with Oracle Banking Liquidity Management and its specific maintenances.

Audience

This guide is primarily intended for the following user/user roles:

Table 1 Audience

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

The related documents are as follows:

- *Oracle Banking Security Management System User Guide*
- *Oracle Banking Common Core User Guide*
- *Oracle Banking Getting Started User Guide*
- Oracle Banking Routing Hub Integration Guide
- Oracle Banking Liquidity Management User Guide

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Screenshot Disclaimer

Personal information used in the interface or documents are dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The list of acronyms and abbreviations that are used in this guid are as follows:

Table 2 Acronyms and Abbreviations

Abbreviation	Description
API	Application Programming Interface

1
Integration Guide

This topic provides the information on the integration of Oracle Banking Virtual Account Management with Oracle Banking Liquidity Management.

- Maintenance for Oracle Banking Virtual Account Management
  This topic describes the specific maintenances required for Oracle Banking Virtual Account Management to integrate with Oracle Banking Liquidity Management.
- Maintenance for Oracle Banking Liquidity Management
  This topic describes the specific maintenances required for Oracle Banking Liquidity Management to integrate with Oracle Banking Virtual Account Management.
- Event Based flow from Oracle Banking Virtual Account Management to Oracle Banking Liquidity Management
  This topic describes the Event Based flow from Oracle Banking Virtual Account Management to Oracle Banking Liquidity Management.
- Maintenance for Interest and Charges services
  This topic describes the specific maintenances required for Interest and Charges services to integrate with Oracle Banking Virtual Account Management through Oracle Banking Routing Hub.

1.1 Maintenance for Oracle Banking Virtual Account Management

This topic describes the specific maintenances required for Oracle Banking Virtual Account Management to integrate with Oracle Banking Liquidity Management.

Specify **User ID** and **Password**, and login to **Home** screen.

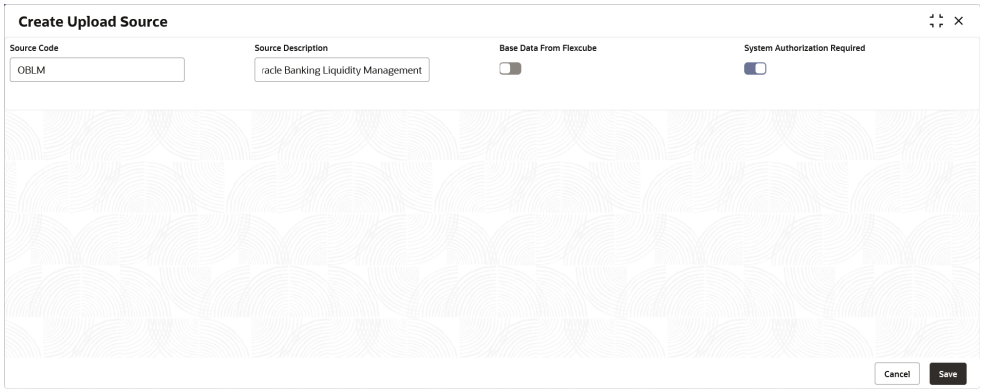
Upload Source Maintenance
Maintain the source code for Oracle Banking Liquidity Management in the **Upload Source** screen to enable the auto authorization for service APIs.

Refer to ***Oracle Banking Common Core User Guide*** for a detailed explanation.

1. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Upload Source**.
2. Under **Upload Source**, click **Create Upload Source**.

   The **Create Upload Source** screen displays.

Figure 1-1 Create Upload Source



User Maintenance

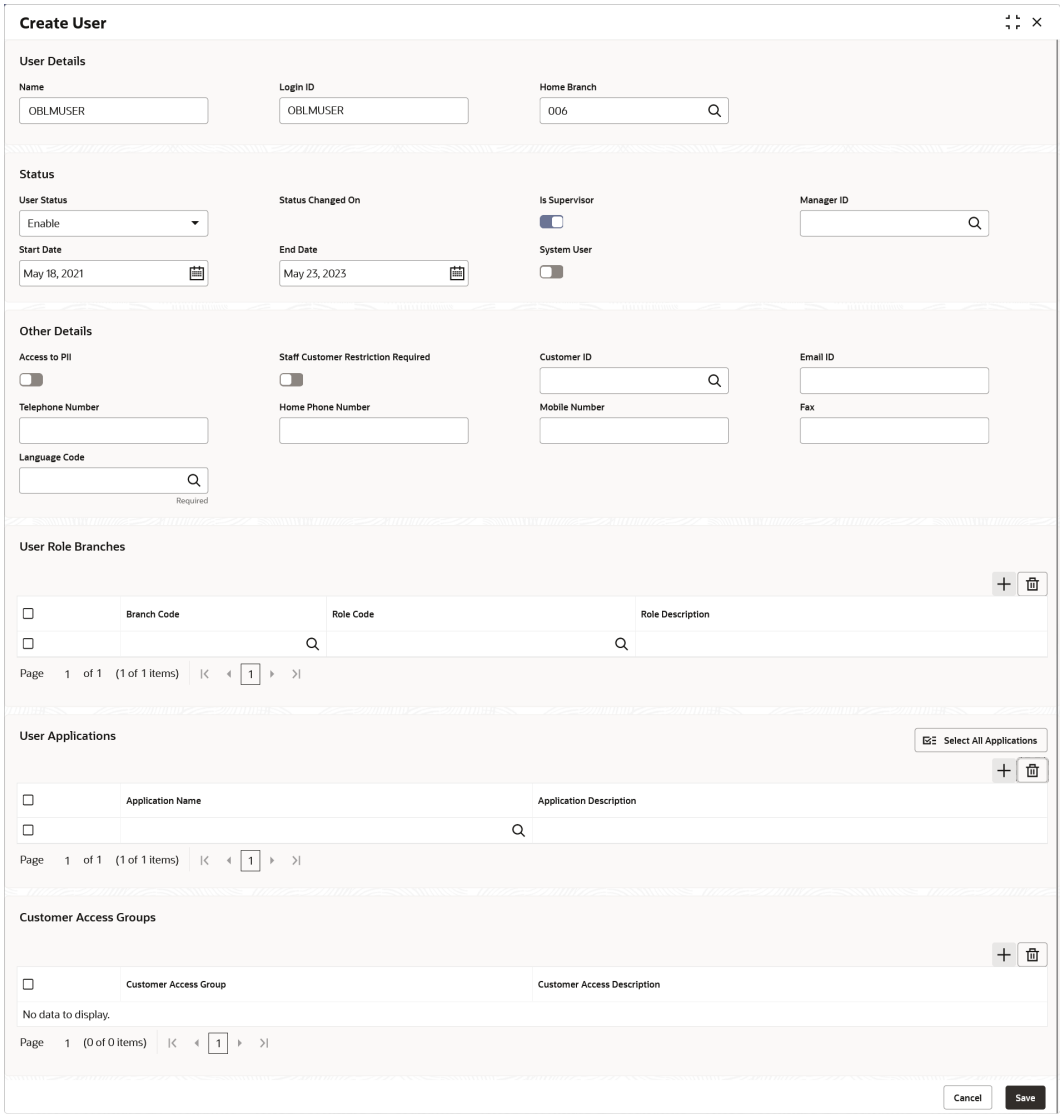
Create a user for Oracle Banking Liquidity Management and assign a role for the user to post journal transactions, to fetch value dated and to sweep balance in Oracle Banking Virtual Account Management.

Refer to ***Oracle Banking Security Management System User Guide*** for a detailed explanation.

3. On **Home** screen, click **Security Management**. Under **Security Management**, click **User**.
4. Under **User**, click **Create User**.

   The **Create User** screen displays.

Figure 1-2 Create User



1.2 Maintenance for Oracle Banking Liquidity Management

This topic describes the specific maintenances required for Oracle Banking Liquidity Management to integrate with Oracle Banking Virtual Account Management.

Specify **User ID** and **Password**, and login to **Oracle Banking Liquidity Management System**.

Refer to **Oracle Banking Liquidity Management User Guide** for a detailed explanation.

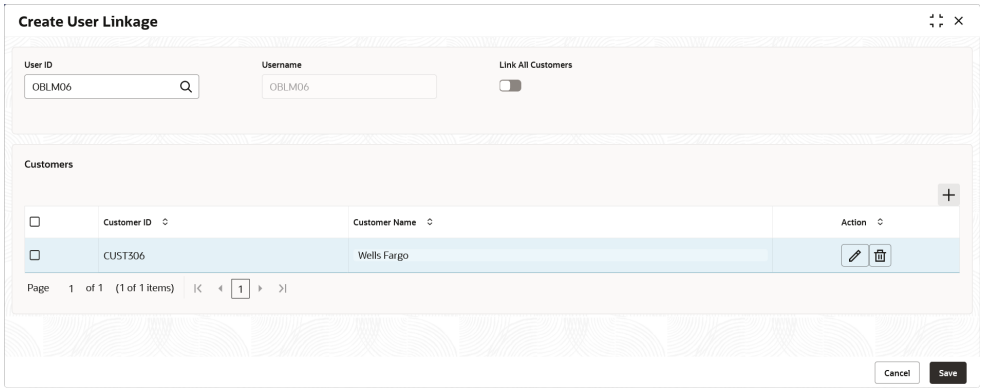
User Linkage Maintenance
Maintain the User Customer Linkage in the **UserLinkage** screen.

Make sure that the User Linkage maintenance is performed for the header User ID provided to Oracle Banking Virtual Account Management for the Virtual Account and Structure handoff, and the real customer to whom the Virtual Account and Structure is getting handed off from Oracle Banking Virtual Account Management.

1. On **Liquidity Management**, click **Maintenance**. Under **Maintenance**, click **User Linkage**.
2. Under **User Linkage**, click **Create User Linkage**.

   The **Create User Linkage** screen displays.

Figure 1-3 Create User Linkage



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

Table 1-1 List of APIs

S No	Action	Operation	Endpoint
1	GET Value Dated Balance	GET	/obvam-account-services/service/getVDBalance?virtualAccountNumber=xxxx
2	GET Sweep Eligible Balance & Valued Dated Dated Balance	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	Transaction Posting with Skip DDA	POST	/obvam-transaction-journal-services/service/txnPostingWithSkipDda

1.3 Event Based flow from Oracle Banking Virtual Account Management to Oracle Banking Liquidity Management

This topic describes the Event Based flow from Oracle Banking Virtual Account Management to Oracle Banking Liquidity Management.

Vamlm Account Event:

- A Kafka event is raised on creation/modification of a Virtual Account with Liquidity Management Allowed flag as Yes.
- This event is consumed at Oracle Banking Liquidity Management which creates the customer if not already present and the virtual accounts

Prerequisites (at Oracle Banking Liquidity Management)

- The auto authorization needs to be true for Oracle Banking Virtual Account Management source in **Create Upload Source** screen.
- The system user needs to be maintained as a day 0 activity using which the customer and account can be created in Oracle Banking Liquidity Management.
- Virtual Account branch should be already available in Oracle Banking Liquidity Management.

1.4 Maintenance for Interest and Charges services

This topic describes the specific maintenances required for Interest and Charges services to integrate with Oracle Banking Virtual Account Management through Oracle Banking Routing Hub.

Specify **User ID** and **Password**, and login to **Home** screen.

1. In Oracle Banking Routing Hub, create an entry for the integration of Oracle Banking Virtual Account Management with Interest and Charges services. Provide the details of account handoff and other details along with the header information. Refer to **Oracle Banking Routing Hub Integration Guide** for a detailed explanation.

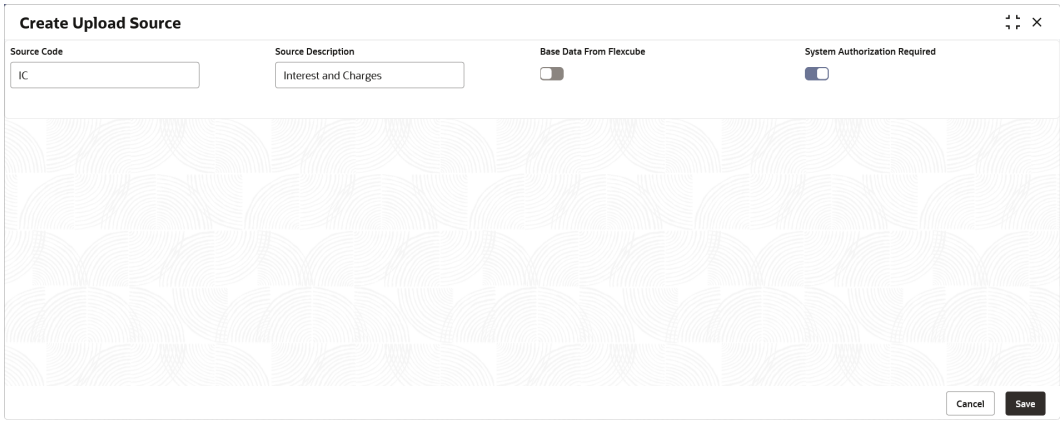
Upload Source Maintenance for Interest and Charges services
Perform the maintenance for Interest and Charges services in the **Upload Source** screen to enable auto authorization for service APIs.

Refer to ***Oracle Banking Common Core User Guide*** for the detailed explanation.

2. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Upload Source**.
3. Under **Upload Source**, click **Create Upload Source**.

   The **Create Upload Source** screen appears.

Figure 1-4 Create Upload Source - Interest and Charges services



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