

Oracle® Banking Virtual Account Management Cloud Service

Oracle Banking Accounts Integration Guide



Release 14.8.1.0.0
G45761-01
October 202

ORACLE®

G45761-01

Copyright © 2023, 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Preface

Purpose	i
Audience	i
Documentation Accessibility	i
Diversity and Inclusion	i
Related Resources	ii
Conventions	ii
Screenshot Disclaimer	ii
Acronyms and Abbreviations	ii

1 Integration Guide

1.1 Maintenance for Oracle Banking Accounts	1
1.2 Maintenance for Oracle Banking Virtual Account Management	4

Preface

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

Purpose

This guide describes the systematic instruction to integrate Oracle Banking Virtual Account Management with Oracle Banking Accounts 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

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

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*
- *Configuration 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.
<i>italic</i>	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 guide are as follows:

Table 2 Acronyms and Abbreviations

Abbreviation	Description
API	Application Programming Interface
DDA	Demand Deposit Accounts
ECA	External Credit Approval
GL	General Ledger

1

Integration Guide

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

For Oracle Banking Accounts, Customers are referred from Party which is expected to be available in Common Core. Hence, in an integrated setup, the Real customer and the Real Accounts used in Oracle Banking Accounts should be available in Common Core.

Oracle Banking Virtual Account Management is integrated to the following Oracle Banking Accounts APIs:

Table 1-1 Oracle Banking Accounts Integration - API Information

S No	API Name	Endpoint
1	External Account Check	/obcdda-pp-account-services/service/v1/accountservices/externalaccountvalidation
2	Amount Block Creation	obcdda-pp-transaction-balance-service/service/v14.8.1.0.0/transactions/amountBlocks
3	Amount Block Release	/obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/amountBlocks/release
4	Accounting Handoff	obcdda-pp-transaction-balance-service/service/v14.8.1.0.0/transactions/accountings

This topic contains the following subtopics:

- [Maintenance for Oracle Banking Accounts](#)
This topic describes the specific maintenances needed in Oracle Banking Accounts to integrate with Oracle Banking Virtual Account Management.
- [Maintenance for Oracle Banking Virtual Account Management](#)
This topic describes the specific maintenances needed in Oracle Banking Virtual Account Management to integrate with Oracle Banking Accounts.

1.1 Maintenance for Oracle Banking Accounts

This topic describes the specific maintenances needed in Oracle Banking Accounts to integrate with Oracle Banking Virtual Account Management.

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

Refer to **Accounts User Guide** in Oracle Banking Accounts for a detailed explanation.

Transaction Code Maintenance

Maintain the transaction code for Oracle Banking Virtual Account Management that would be part of the transactions using the **Configure Transaction Code Parameters** screen.

1. On **Home** screen, click **Corporate DDA**. Under **Corporate DDA**, click **Configurations**.
2. Under **Configurations**, click **Transaction Code Parameters**. Under **Transaction Code Parameters**, click **Configure**.

The **Configure Transaction Code Parameters** screen displays.

Figure 1-1 Configure Transaction Code Parameters

The screenshot shows a 'Configure' window with a title bar containing 'Errors & Overrides' and window controls. The main area is divided into two sections. The top section has a 'Transaction Code' field with '000' and a search icon, and a 'Description' field with '000'. The bottom section, titled 'Preferences', contains several settings: 'Available Balance Check Required' (toggle off), 'Consider For Activity' (toggle on), 'Availability Information' (dropdown menu showing 'On Value Date'), 'Balance Inclusion' (toggle off), 'Auto Release' (toggle off), and 'Turnover Inclusion' (toggle off). At the bottom right are 'Cancel' and 'Save' buttons.

Source Code Maintenance

Maintain the source code for Oracle Banking Virtual Account Management in the **Configure Source Code** screen.

3. On **Home** screen, click **Corporate DDA**. Under **Corporate DDA**, click **Configurations**.
4. Under **Configurations**, click **Source Code**. Under **Source Code**, click **Configure**.

The **Configure Source Code** screen displays.

Figure 1-2 Configure Source Code

The screenshot shows a 'Configure' window with a title bar containing window controls. The main area is divided into three columns. The left column has 'Source Code' (OBVAM with search icon), 'Account Override Level' (1), 'Include Intersystem Posting' (toggle on), and 'Allow Posting After Cut-Off' (toggle off). The middle column has 'Description' (OBVAM), 'Balance Override Level' (1), and 'InterSystem Bridge GL' (175000003 with search icon). The right column has 'Transaction Code' (000 with search icon), 'Suspense GL' (313600017 with search icon), and 'Referral Type' (No Referral dropdown). At the bottom right are 'Cancel' and 'Save' buttons.

User Maintenance

In Oracle Banking Accounts, create an user for Oracle Banking Virtual Account Management having access to post transaction, do external account check and create amount block. Share the user to Oracle Banking Virtual Account Management.

5. On **Home** screen, click **Security Management**. Under **Security Management**, click **User**.
6. Under **User**, click **Create User**.

The **Create User** screen displays.

Figure 1-3 Create User

Create User

User Details

Name

ADMIN MAKER USER

Login ID

ADMINUSER1

Home Branch

006

Status

User Status

Enable

Status Changed On

Is Supervisor

☒

Manager ID

Start Date

May 18, 2021

End Date

May 23, 2023

System User

☐

Other Details

Access to PII

☐

Staff Customer Restriction Required

☐

Customer ID

Email ID

Telephone Number

Home Phone Number

Mobile Number

Fax

Language Code

User Role Branches

☐

Branch Code

Role Code

Role Description

☐

Page 1 of 1 (1 of 1 items)

<

1

>

User Applications

☐

Application Name

Application Description

☐

Page 1 of 1 (1 of 1 items)

<

1

>

Customer Access Groups

☐

Customer Access Group

Customer Access Description

No data to display.

Page 1 (0 of 0 items)

<

1

>

Cancel

Save

Upload Source Maintenance

In Common Core, maintain an upload source for Oracle Banking Virtual Account Management to enable the auto authorization for the APIs sent from this source.

7. On **Home** screen, click **Common Core**. Under **Common Core**, click **Upload Source**.
8. Under **Upload Source**, click **Create Upload Source**.

The **Create Upload Source** screen displays.

Figure 1-4 Create Upload Source

Create Upload Source

Source Code:

Source Description:

Base Data From Flexcube: ☐

System Authorization Required: ☒

Upload Source Preferences

In Common Core, maintain an upload source preferences for Oracle Banking Virtual Account Management to post the upload status as Authorized.

9. On **Home** screen, click **Common Core**. Under **Common Core**, click **Upload SourcePreference**.
10. Under **Upload Source Preference**, click **Create Upload Source Preference**.

The **Create Upload Source Preference** screen displays.

Figure 1-5 Create Upload Source Preference

Create Upload Source Preference

Source code:

Error Handling

On Error:

On Override:

On Repairable Exception:

On Queue Exception:

Post Upload

Status:

Purge Days:

Allow Deferred Processing: ☐

Allow EOD with Deferred: ☐

Deletion Allowed: ☐

Reverse Allowed: ☐

Amend Allowed: ☐

Proceed with EOD: ☐

1.2 Maintenance for Oracle Banking Virtual Account Management

This topic describes the specific maintenances needed in Oracle Banking Virtual Account Management to integrate with Oracle Banking Accounts.

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

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

External DDA Maintenance

Maintain External DDA system configuration for Oracle Banking Accounts.

1. On **Home** screen, click **Virtual Account Management**. Under **Virtual Account Management**, click **Configuration**.
2. Under **Configuration**, click **External DDA System**. Under **External DDA System**, click **Create External DDA System**.

The **Create External DDA System** screen displays.

Figure 1-6 Create External DDA System

Create External DDA System

ECA System

CDDAPP

System Preferences

Default Offset GL

TEST77

EAC Required

Cancel Save

3. Select the GL maintained at external chart accounts.

Transaction Code Preferences

Maintain the transaction code preferences for Oracle Banking Accounts. The preferences set at Oracle Banking Accounts and Oracle Banking Virtual Account Management should match for the transaction code used in transaction, so that the preferences would be picked up from the maintenance in case of uncollected fund.

4. On **Home** screen, click **Virtual Account Management**. Under **Virtual Account Management**, click **Configuration**.
5. Under **Configuration**, click **Transaction Code Preferences**. Under **Transaction Code Preferences**, click **Create Transaction Code Preferences**.

The **Create Transaction Code Preferences** screen displays.

Figure 1-7 Create Transaction Code Preferences

Create Transaction Code Preferences

Transaction Code

000

Description

immediate txn code

Preferences

Availability Information

On Value Date

Days

Auto Release

Cancel Save

ECA System Maintenance

In Common Core, maintain the **ECA System** for Oracle Banking Accounts in **Create ECA System** screen.

6. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **ECA System**.
7. Under **ECA System**, click **Create ECA System**.

The **Create ECA System** screen displays.

Figure 1-8 Create ECA System

Create ECA System

Source System: CDDAPP

Description: CDDAPP

Cancel Save

Transaction Code Maintenance

In Common Core, maintain the **Transaction Codes** that would be part of the transactions.

8. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Transaction Code**.
9. Under **Transaction Code**, click **Create Transaction Code**.

The **Create Transaction Code** screen displays.

Figure 1-9 Create Transaction Code

Create Transaction Code

Transaction Code: 000

Description: 000

Source System: OBA

Source Transaction Code: 000

Cancel Save

External Chart Account Maintenance

In Common Core, maintain the External Chart Accounts that would be used in the transaction.

10. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **External Chart Account**.
11. Under **External Chart Account**, click **Create External Chart Account**.

The **Create External Chart Account** screen displays.

Figure 1-10 Create External Chart Account

Create External Chart Account

General Ledger Code

TEST77

General Ledger Description

TEST77

Source System

CDDAPP

Source System GL Code

TEST77

Category

Asset

Blocked

Cancel

Save