

Oracle® Banking Virtual Account Management Cloud Service

Oracle FLEXCUBE Universal Banking Integration Guide



Release 14.7.3.0.0
F99463-01
June 2024

ORACLE®

F99463-01

Copyright © 2023, 2024, 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 | iv |
| Audience | iv |
| Documentation Accessibility | iv |
| Diversity and Inclusion | iv |
| Related Resources | v |
| Conventions | v |
| Screenshot Disclaimer | v |
| Acronyms and Abbreviations | v |

1 Integration Guide

| | |
|--|-----|
| 1.1 Maintenance for Oracle FLEXCUBE Universal Banking | 1-1 |
| 1.2 Structured Address Replication in Oracle FLEXCUBE Universal Banking Minicore | 1-3 |
| 1.3 Maintenance for Oracle Banking Virtual Account Management | 1-5 |

Index

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 FLEXCUBE Universal Banking 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 customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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*
- Common Core - Gateway 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. |
| <code>monospace</code> | 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 |
|--------------|--------------------------|
| DDA | Demand Deposit Account |
| 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 FLEXCUBE Universal Banking.

This topic contains the following subtopics:

- [Maintenance for Oracle FLEXCUBE Universal Banking](#)
This topic describes the maintenance for Oracle FLEXCUBE Universal Banking.
- [Structured Address Replication in Oracle FLEXCUBE Universal Banking Minicore](#)
This topic describes the structured address replication in Oracle FLEXCUBE Universal Banking minicore.
- [Maintenance for Oracle Banking Virtual Account Management](#)
This topic describes the maintenance for Oracle Banking Virtual Account Management.

1.1 Maintenance for Oracle FLEXCUBE Universal Banking

This topic describes the maintenance for Oracle FLEXCUBE Universal Banking.

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

Gateway setup should be done in Oracle FLEXCUBE Universal Banking for the particular source system by performing the below-listed maintenance.

Refer to **Common Core - Gateway User Guide** in Oracle FLEXCUBE Universal Banking for a detailed explanation.

Upload Source Maintenance

Maintain the source code for Oracle Banking Virtual Account Management in the **Upload Source Maintenance** screen.

1. On **Home** screen, specify **CODSORCE**, and click **Next** arrow.

The **Upload Source Maintenance** screen displays.

Figure 1-1 Upload Source Maintenance

The screenshot shows the 'Upload Source Maintenance' window. It includes a 'Save' button at the top left. The form contains the following fields and controls:

- Source Code:** A text box containing 'OBVAM'.
- Description:** A text box containing 'anking Virtual Account Management'.
- Base Data From FLEXCUBE:** A toggle switch.
- System Authorization Required:** A toggle switch.
- REST JWT Authorization Required:** A toggle switch.
- Buttons:** 'Audit' and 'Cancel' buttons at the bottom right.
- Status:** A status bar at the bottom of the window.

Upload Source Preferences Maintenance

Maintain the module code for IF, CA and ST modules in the **Upload Source Preferences Maintenance** screen.

2. On **Home** screen, specify **CODUPLDM**, and click **Next** arrow.
The **Upload Source Preferences Maintenance** screen displays.

Figure 1-2 Upload Source Preferences Maintenance

External System Maintenance

Maintain the external system for Oracle Banking Virtual Account Management in the **External System Maintenance** screen.

3. On **Home** screen, specify **GWDETSYS**, and click **Next** arrow.
The **External System Maintenance** screen displays.

Figure 1-3 External System Maintenance

External System Functions

Maintain the below functions and actions for Oracle Banking Virtual Account Management in the **External System Functions** screen.

Table 1-1 External System Functions - Parameter Setup

| Function | Action |
|----------|--------|
| IFGEXACC | NEW |
| STQVALAC | VIEW |
| CAGECABL | NEW |
| CAGECABL | CLOSE |

- On **Home** screen, specify **GWDETFUN**, and click **Next** arrow.
The **External System Functions** screen displays.

Figure 1-4 External System Functions

1.2 Structured Address Replication in Oracle FLEXCUBE Universal Banking Minicore

This topic describes the structured address replication in Oracle FLEXCUBE Universal Banking minicore.

Specify **User ID** and **Password**, and login to Oracle FLEXCUBE Universal Banking.

Gateway setup should be done in Oracle FLEXCUBE Universal Banking to replicate the Structured Address for a particular source system by performing maintenance in the below-mentioned screens, to use the web services exposed by Oracle FLEXCUBE Universal Banking Minicore for Structured Address so that we can push the data from Oracle Banking Virtual Account Management Common Core to Oracle FLEXCUBE Universal Banking Minicore. Refer to **Common Core - Gateway User Guide** in Oracle FLEXCUBE Universal Banking for a detailed explanation.

External System Functions Maintenance

Maintain the below functions and actions for Oracle Banking Virtual Account Management in the **External System Functions** screen.

- On **Home** screen, specify **GWDETFUN**, and click **Next** arrow.
The **External System Functions** screen displays.

Figure 1-5 External System Functions

The screenshot shows a web form titled "External System Functions". On the left, there are five input fields: "External System", "Function", "Action", "Service Name", and "Operation Code". Each of these fields has a small "Q" icon and the word "Required" below it. To the right of these fields is a "Description" field. Below the "Description" field is a "Bulk SMS Check" toggle switch. At the bottom left is a "Fields" button, and at the bottom right are "Audit" and "Cancel" buttons.

2. Click **New** and click **Search** icon in the **Function** field.
The **List of Values Function** screen displays.

Figure 1-6 List of Values Function

The screenshot shows a web form titled "List of Values Function". It has a search section with four input fields: "Function Id" (containing "STGACCAD%"), "Service Name" (containing "%"), "Action" (containing "%"), and "Operation" (containing "%"). A "Fetch" button is to the right of the "Operation" field. Below the search section is a "Search Results" table.

| Function Id | Action | Service Name | Operation |
|-------------|--------|--------------------------|----------------|
| STGACCAD | UNLOCK | FCUBSCoreentitiesService | ModifySTDACCAD |
| STGACCAD | RFOPEN | FCUBSCoreentitiesService | ReopenSTDACCAD |

At the bottom, there is a pagination bar showing "Page 1 Of 1" and navigation icons.

Table 1-2 External System Functions - Parameter Setup

| Function | Action |
|----------|-----------|
| STGACCAD | AUTHORIZE |
| STGACCAD | MODIFY |
| STGACCAD | OPEN |
| STGACCAD | CLOSE |

3. Select the above Function Id, and click **OK** to save the record.
Record will be saved and authorized successfully.

External System Function Summary

Maintain the External System Functions for the below function and actions.

External System: Oracle Banking Virtual Account Management

Function Id: STGACCAD

4. On **Home** screen, specify **GWSETFUN**, and click **Next** arrow.
The **External System Function Summary** screen displays.

Figure 1-7 External System Function Summary

1.3 Maintenance for Oracle Banking Virtual Account Management

This topic describes the maintenance for Oracle Banking Virtual Account Management.

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.

ECA System Maintenance

Maintain ECA system in common core for Oracle FLEXCUBE Universal Banking.

1. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **ECA System**.
2. Under **ECA System**, click **Create ECA System**.

The **Create ECA System** screen displays.

Figure 1-8 Create ECA System

External Customer Maintenance

Common Core **External Customer** should replicate the Real Customer from Oracle FLEXCUBE Universal Banking. In addition, the source system should be maintained the same as the one created in the **ECA System Maintenance** screen.

3. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **External Customer**.
4. Under **External Customer**, click **Create External Customer**.

The **Create External Customer** screen displays.

Figure 1-9 Create External Customer

External Customer Account Maintenance

Common Core **External Account** should replicate the Real Account from Oracle FLEXCUBE Universal Banking. In addition, External Credit Approval System should be the source system maintained in the **ECA System Maintenance** screen.

5. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **External Customer Account**.
6. Under **External Customer Account**, click **Create External Customer Account**.

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

Figure 1-10 Create External Customer Account

External Chart Account Maintenance

Common Core **External Chart** should replicate the GL value from Oracle FLEXCUBE Universal Banking. The GL should be present in the STTB_ACCOUNT table in Oracle FLEXCUBE Universal Banking.

7. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **External Chart Account**.
8. Under **External Chart Account**, click **Create External Chart Account**.

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

Figure 1-11 Create External Chart Account

Transaction Code Maintenance

Maintain a valid transaction code from Oracle FLEXCUBE Universal Banking.

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

The **Create Transaction Code** screen displays.

Figure 1-12 Create Transaction Code

The screenshot shows a web form titled "Create Transaction Code". It has four input fields: "Transaction Code" (with a "Required" label below it), "Description", "Source System" (containing the text "FCUBS" and a search icon), and "Source Transaction Code". At the bottom right, there are "Cancel" and "Save" buttons. The background of the form area features a subtle pattern of overlapping circles.

External DDA System Maintenance

Maintain External DDA details, the offset GL, and EAC Required.

11. On **Home** screen, click **Virtual Account Management**. Under **Virtual Account Management**, click **Configuration**.
12. Under **Configuration**, click **External DDA System**.
13. Under **External DDA System**, click **Create External DDA System**.
 - a. Search and Select the Default Offset GL maintained in Common Core External Chart.
 - b. Select the toggle whether EAC is required or not.

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

Figure 1-13 Create External DDA System

The screenshot shows a web form titled "Create External DDA System". It has two main sections. The first section, "ECA System", contains a search field with "FCUBS" entered and a search icon. The second section, "System Preferences", contains a "Default Offset GL" search field and an "EAC Required" toggle switch, which is currently turned off. At the bottom right, there are "Cancel" and "Save" buttons. The background of the form area features a subtle pattern of overlapping circles.

Index

E

ECA System Maintenance, [1-5](#)
External Chart Account Maintenance, [1-7](#)
External Customer Account Maintenance, [1-6](#)
External Customer Maintenance, [1-6](#)
External DDA System Maintenance, [1-8](#)
External System Function Summary, [1-4](#)
External System Functions, [1-3](#)
External System Functions Maintenance, [1-3](#)
External System Maintenance, [1-2](#)

I

Integration Guide, [1-1](#)

M

Maintenance for Oracle Banking Virtual Account
Management, [1-5](#)

Maintenance for Oracle FLEXCUBE Universal
Banking, [1-1](#)

S

Structured Address Replication in Oracle
FLEXCUBE Universal Banking Minicore,
[1-3](#)

T

Transaction Code Maintenance, [1-7](#)

U

Upload Source Maintenance, [1-1](#)
Upload Source Preferences Maintenance, [1-1](#)