

# Oracle® Banking Virtual Account Management

## Oracle Banking Payments Integration Guide



Release 14.7.1.0.0

F76987-01

May 2023

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle Banking Virtual Account Management Oracle Banking Payments Integration Guide, Release 14.7.1.0.0

F76987-01

Copyright © 2018, 2023, 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, and MySQL 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

---

## 1 Integration Guide

---

- |     |   |     |
|-----|---|-----|
| 1.1 | Maintenance for Oracle Banking Virtual Account Management | 1-1 |
| 1.2 | Maintenance for Oracle Banking Payments                   | 1-2 |

Index

---

# Preface

### Purpose

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

### Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

**Table 2 Acronyms and Abbreviations**

| Acronyms | Description                       |
|----------|-----------------------------------|
| API      | Application Programming Interface |

### List of Topics

This guide is organized as follows:

**Table 3 List of Topics**

| Topics                            | Description   |
|-----------------------------------|---|
| <a href="#">Integration Guide</a> | This topic provides the information on the integration of Oracle Banking Virtual Account Management with Oracle Banking Payments. |

# 1

## Integration Guide

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

- [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 Payments.
- [Maintenance for Oracle Banking Payments](#)  
This topic describes the specific maintenance required for Oracle Banking Payments to integrate with Oracle Banking Virtual Account Management.

### 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 Payments.

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

#### Upload Source Maintenance

Maintain the Upload source code for Oracle Banking Payments 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**

| Source Code | Source Description      | Base Data From Flexcube  | System Authorization Required |
|-------------|-------------------------|--------------------------|-------------------------------|
| OBPM        | Oracle Banking Payments | <input type="checkbox"/> | <input type="checkbox"/>      |

#### User Maintenance

Create a user for Oracle Banking Payments and assign a role for the user to perform journal transactions in Oracle Banking Virtual Account Management. Share the user to Oracle Banking Payments.

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**

**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 25, 2025    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:    Required

**User Role Branches**

| <input type="checkbox"/> | Branch Code | Role Code | Role Description |
|--------------------------|-------------|-----------|------------------|
| <input type="checkbox"/> |             |           |                  |

Page 1 of 1 (1 of 1 Items) |< < 1 > >|

**User Applications**

| <input type="checkbox"/> | Application Name | Application Description |
|--------------------------|------------------|-------------------------|
| <input type="checkbox"/> |                  |                         |

Page 1 of 1 (1 of 1 Items) |< < 1 > >|

**Customer Access Groups**

| <input type="checkbox"/> | Customer Access Group | Customer Access Description |
|--------------------------|-----------------------|-----------------------------|
| No data to display.      |                       |                             |

Page 1 (0 of 0 Items) |< < 1 > >|

Cancel Save

## 1.2 Maintenance for Oracle Banking Payments

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

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

Refer to **Payments Core User Guide** in Oracle Banking Payments for a detailed explanation.  
**External Credit Approval System Maintenance**

Create External Credit Approval System as 'OBVAM' in **STDECAMT** screen.

1. On **Oracle Banking Payments** Home screen, specify **STDECAMT**, and click **Next** arrow.  
The **External Credit Approval System** screen displays.

**Figure 1-3 External Credit Approval System**

The screenshot shows a web application window titled "External Credit Approval System". At the top, there are navigation icons for New, Copy, Close, Undo, Print, and Enter Query. Below this, there are two input fields: "Search System" with the value "FCUBZ" and "Description" with the value "Finance System". The rest of the screen is mostly blank, with a "Audit" button and "Exit" text in the bottom right corner.

**External Credit Approval System Detailed Maintenance**

Map the External Credit Approval system as 'OBVAM' in **PMDECAMT** screen.

2. On **Oracle Banking Payments** Home screen, specify **PMDECAMT**, and click **Next** arrow.  
The **External Credit Approval System Detailed** screen displays.

**Figure 1-4 External Credit Approval System Detailed**

The screenshot shows a detailed configuration screen titled "External Credit Approval System Detailed". It is divided into several sections:
 

- External Credit Approval System:** Fields for Description, Communication Type (JMS Queue), Communication Method (Asynchronous), Timeout in seconds, Suppress Accounting Transfer (No), Referral Type (No Referral), ECA Block Supported (Yes), and EAC Supported (Yes).
- JMS Queue Preferences:** Fields for Queue Profile, Outgoing J2C Name, Ingoing J2C Name, Ingoing Minimum Consumer Count, Ingoing Maximum Consumer Count, and Ingoing Message Listener Class.
- Facitor Payment Preferences:** Fields for Ingoing J2C Name and Outgoing J2C Name.
- Other Preferences:** Fields for System Class, Inter System Bridge CL, API Version, and Base Version.
- O Auth Preferences:** Fields for Token URL and Service Profile.
- WebService Preferences:** Fields for Webservice URL, Webservice Action, and Service Profile.
- B2CST Preferences:** Fields for Header Profile and REST URL.

 At the bottom left, there is a "Data Mapping" button, and at the bottom right, there are "Audit" and "Exit" buttons.

Communication Type should be 'ReST' and Communication Method should be 'Synchronous'.

Rest URL should contain the URL of Oracle Banking Virtual Account Management system where the ECA system class is to be maintained as 'OBVAM'.

Queue Profile should be 'OBVAM' and should be created with details as mentioned in **Queue Connection Profile Maintenance Detailed**.

### Queue Connection Profile Maintenance Detailed

Create the Queue Profile ID as 'OBVAM' in **PMDQPROF** screen.

3. On **Oracle Banking Payments** Home screen, specify **PMDQPROF** and click **Next** arrow.

The **Queue Connection Profile Maintenance Detailed** screen displays.

**Figure 1-5 Queue Connection Profile Maintenance Detailed**

The screenshot shows the 'Queue Connection Profile Maintenance Detailed' window. It contains a form with the following fields: Profile ID, Profile Description, User ID, Password, Connect Provider URL, Initial Connect Factory Class, and Queue Factory JAR. There is also a checkbox for 'Queue Authentication Required'.

### External Accounting System Detailed Maintenance

Create the External Accounting system as 'OBVAM' in **PMDACCMT** screen.

4. On **Oracle Banking Payments** Home screen, specify **PMDACCMT** and click **Next** arrow.

The **External Accounting System Detailed** screen displays.

**Figure 1-6 External Accounting System Detailed**

The screenshot shows the 'External Accounting System Detailed' window. It contains a form with the following sections and fields:
 

- External Accounting System:** External Accounting System (FCUBG), Description, Communication Type (JMS Queue), Communication Method (ASAP/OT/OTSS), Timeout in seconds, Suppress Accounting Number (NO).
- JMS Queue Preferences:** Queue Profile, Outgoing JAR Name, Incoming JAR Name, Incoming Message Consumer Count, Incoming Message Listener Class (ecaResponse/CQQueue).
- Other Preferences:** ECA System Class (OSP), Invo System Bridge CL, API Version (SOAP V01201).
- JMS Auth Preferences:** Trustee URL, Service Profile.
- WebService Preferences:** WebService URL, WebService Address, Service Profile.
- Faster Payment Preferences:** Incoming JAR Name, Outgoing JAR Name.
- REST Preferences:** REST URL, Header Profile.



Communication Type should be 'ReST' and Communication Method should be 'Synchronous'.

Rest URL should contain the URL of Oracle Banking Virtual Account Management system where the Accounting will be done.

Queue Profile should be 'OBVAM' and should be created with details as mentioned in **Queue Connection Profile Maintenance Detailed**.

#### **Account Maintenance**

5. Create the accounts (Normal / Nostro type) in Oracle Banking Virtual Account Management which will be automatically replicated and displayed at **STDCRVAM** in Common Core.

Creation of accounts, amendments, closure, and re-open status will get auto replicated to Common Core with the latest data.

# Index

## A

---

Account Maintenance, [1-5](#)

## E

---

External Accounting System Detailed  
Maintenance, [1-4](#)

External Credit Approval System Detailed  
Maintenance, [1-3](#)

External Credit Approval System Maintenance,  
[1-3](#)

## I

---

Integration Guide, [1-1](#)

## Q

---

Queue Connection Profile Maintenance Detailed,  
[1-4](#)

## U

---

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

User Maintenance, [1-1](#)