

# Oracle® Banking Virtual Account Management

## Oracle Banking Payments Integration Guide



Release 14.7.2.0.0

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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 14.7.2.0.0

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# Contents

## Preface

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|                             |    |
|-----------------------------|----|
| Purpose                     | iv |
| Audience                    | iv |
| Documentation Accessibility | iv |
| Diversity and Inclusion     | v  |
| Related Resources           | v  |
| Conventions                 | v  |
| Screenshot Disclaimer       | v  |
| Acronyms and Abbreviations  | v  |

## 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](#)
- [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 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 |

## 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*
- Payments Core User Guide

## Conventions

The following text conventions are used in this document:

| Convention             | Meaning  |
|------------------------|--|
| <b>boldface</b>        | 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 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 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 is a search bar with "Search System" set to "FCUBZ" and a description field containing "Finance System". The main area of the screen is mostly blank, suggesting a search result or a form with minimal content. At the bottom right, there are "Audit" and "Exit" buttons.

**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 Handler (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.
- B2ST 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 (with a magnifying glass icon), Initial Connect Factory Class, and Queue Factory JAR. To the right of the form is a checkbox labeled 'Queue Authentication Required'. At the bottom right of the window are 'Auth' and 'Exit' buttons.

### 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).
- OAuth Preferences:** Token URL, Service Profile.
- WebService Preferences:** WebService URL, WebService Action, Service Profile.
- Faster Payment Preferences:** Incoming JAR Name, Outgoing JAR Name.
- REST Preferences:** REST URL, Header Profile.

 At the bottom right of the window are 'Auth' 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 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](#)