

# Oracle® Banking Virtual Account Management Release Notes



Release 14.7.5.0.0

G15716-02

September 2024

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 Release Notes, Release 14.7.5.0.0

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## Background

Oracle® Banking Virtual Account Management enables the banks to offer virtual account management services to their corporate customers. Oracle® Banking Virtual Account Management supports application of virtual accounts in the areas of Receivable and Payable Management, Client Money Segregation, Liquidity Management and Receipt Identification.

## Purpose

This guide provides the information to propagate the enhancements in Oracle® Banking Virtual Account Management.

## Audience

This guide is intended for the following audience:

- Customers
- Partners

## 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.

## Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches](#), [Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## 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 Virtual Account Management User Guides
- Oracle® Banking Virtual Account Management License 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.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Acronyms and Abbreviations

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

**Table 1 Acronyms and Abbreviations**

Abbreviation	Description
API	Application Programming Interface
DDA	Demand Deposit Account
OS	Operating System
UI	User Interface

# 1

## Release Notes

This topic provides the information about the release notes added to the product in this release

This topic contains the following subtopics:

- [Release Highlights](#)  
This topic provides the information on the release highlights added to the product in this release.
- [Release Enhancements](#)  
This topic provides the information on the release enhancements in this release.
- [Deprecated Features](#)  
This topic provides the information on the features deprecated from the product in this release.

### 1.1 Release Highlights

This topic provides the information on the release highlights added to the product in this release.

Oracle Banking Virtual Account Management 14.7.5.0.0 offers a comprehensive standalone solution for virtual accounts management.

The scope of the current release Oracle Banking Virtual Account Management is to deliver the following enhancements:

- Kafka Resilience Configuration

### 1.2 Release Enhancements

This topic provides the information on the release enhancements in this release.

- [Non-Functional Features](#)  
This topic provides the information about the various non-functional features changes in this release.
- [Integrations](#)  
This topic provides the information about the various system integrations with Oracle Banking Virtual Account Management application.

#### 1.2.1 Non-Functional Features

This topic provides the information about the various non-functional features changes in this release.

##### **Kafka Resilience Configuration**

As part of Kafka resilience and fault tolerance setup for an on-prem environment, configuration had been done to establish a new Kafka cluster with three brokers using latest kafka version. Resilience properties were configured at both the Kafka brokers and the producer/consumer

services to automatically recreate Kafka topics with appropriate resilience settings, such as a replication factor of 3 and a minimum of 2 in-sync replicas.

## 1.2.2 Integrations

This topic provides the information about the various system integrations with Oracle Banking Virtual Account Management application.

### DDA systems

Oracle Banking Virtual Account Management is integrated with Oracle FLEXCUBE Universal Banking and Oracle Banking Accounts product as a DDA system for real account related services.

Oracle Banking Virtual Account Management can be configured to work with the DDA systems in a synchronous or asynchronous manner for transaction posting to the real (physical) account.

The APIs consumed from DDA system for creating an amount block, closing or releasing an amount block, External account check, creating a transaction will be configured in Oracle Banking Routing Hub and Oracle Banking Routing Hub will route the call to DDA. For more details on Oracle Banking Routing Hub configuration, refer to **Routing Hub Configuration User Guide**.

### Payments processors

Oracle Banking Virtual Account Management is integrated with Oracle Banking Payments as a payment product processor for incoming and outgoing payment processing on virtual accounts.

### Retail Teller

Oracle Banking Virtual Account Management is integrated with Oracle Banking Branch product for accepting transactions on virtual accounts. For more details, refer to **Oracle Banking Branch Release Notes**.

### Liquidity Management systems

Oracle Banking Virtual Account Management is integrated with Oracle Banking Liquidity Management product as a liquidity management and interest engine.

### Supply Chain Financing

Oracle Banking Virtual Account Management is integrated with Oracle Banking Supply Chain Finance product where virtual accounts can be used in supply chain finance transactions e.g., invoice payments and auto liquidation of finance contracts. For more details, refer to **Oracle Banking Supply Chain Finance Release Notes**.

### Cash Management

Oracle Banking Virtual Account Management is integrated with Oracle Banking Cash Management product for receivable/ Invoice reconciliation and allocating real account transactions to virtual accounts. For more details, refer to **Oracle Banking Cash Management Release Notes**.

### Corporate Self-service applications

Oracle Banking Virtual Account Management is integrated with Oracle Banking Digital Experience as a corporate self-service portal for virtual accounts management.

### **Corporate Self-service API**

APIs which provide for self-service functionality in Virtual Account management are provided for surfacing APIs through the Oracle Banking API product. The details of the APIs are available in Oracle Banking API documentation.

### **Enterprise Party Management System**

Oracle Banking Virtual Account Management is integrated with Oracle Banking Enterprise Party Management system for corporate 360-degree view of Virtual Accounts.

### **Host To Host Data Exchange System**

Oracle Banking Virtual Account Management is integrated with Oracle Banking Electronic Data Exchange system for bulk virtual account creation and closure through file upload via Host to Host.

## 1.3 Deprecated Features

This topic provides the information on the features deprecated from the product in this release.

Not Applicable



# 2

## Components of the Software

This topic provides the information on the components of the software.

### **Documents Accompanying the Software**

The various documents accompanying the software are as follows:

- Product Release Note and Installer Kit
- User and Installation manuals

### **Software Components**

Software Components of Oracle Banking Virtual Account Management that form part of this release are as follows:

- Service and API Components
- UI Components
- Database objects which includes tables, sequences and seed data
- Configuration files used for deployment

# A

## Environment Details

This topic provides the information about the environment details of Oracle Banking Virtual Account Management.

**Table A-1 Tech Stack - Oracle Banking Virtual Account Management**

Component	Deployment Option	Machine	Operating System	Software	Version Number
Oracle Banking Virtual Account Management	Single Instance Standalone	Application Server	Oracle Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + Patch **28186730, **34686388, & **35778900
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 11.0.16
		Database Server	Oracle Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.18.0.0.0
		Message Broker	Oracle Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-3.4.0
Apache ZooKeeper	3.6.3				


- **\*\*28186730** - Patch to upgrade the Opatch version to 13.9.4.2.14
- **\*\*34686388** - Patch was applied to resolve security vulnerability CVE-2020-14882 that allows remote users to circumvent the authentication in the administrator console component.
- **\*\*35778900** - Patch required for plato-coherence-server deployment.

 **Note:**

Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.

 **Note:**

# Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS.

 **Note:**  
For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at : <https://www.oracle.com/middleware/technologies/browser-policy.html>

**Table A-2 UI Stack**

Software Type	Recommended Software	Version Number
UI	Oracle JET	v15.0.0

# B

## Third-Party Software

This topic describes about the license information for third-party software.

For information on the third-party software, refer to **Oracle Banking Virtual Account Management License Guide** in the OHC Documentation Library.

<https://docs.oracle.com/en/industries/financial-services/banking-virtual-account/index.html>

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