Oracle® Banking Virtual Account Management
Release Notes

Release 14.7.1.0.0

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Oracle Banking Virtual Account Management Release Notes, Release 14.7.1.0.0

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Contents

Preface

Background

Oracle Financial Services Software has developed Oracle Banking Virtual Account Management, which enables 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 guides provides the information to propagate the enhancements in Oracle Banking Virtual Account Management.

Audience

This guide is intended for the following audience:

- Customers
- Partners

List of Acronyms and Abbreviations

Table 1   List of Acronyms and Abbreviations

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

List of Topics

This guide is organized as follows:

Table 2   List of Topics

Topics	Description
Release Notes	This topic provides the information on the release enhancements for Oracle Banking Virtual Account Management.
Components of the Software	This topic consists of the technology pre-requisites required for Oracle Banking Virtual Account Management.
Environment Details	This topic provides the information on the environment details for Oracle Banking Virtual Account Management.

Table 2   (Cont.) List of Topics

Topics	Description
Third-Party Software	This topic provides the information on licensing of third-party software that are packaged with Oracle Banking Virtual Account Management.

Related Documents

For more information, refer to the following documents:

- Oracle Banking Virtual Account Management User Manuals
- Oracle Banking Virtual Account Management License Guide

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Release Notes

This topics 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 14.7.1.0.0 offers a comprehensive standalone solution for virtual accounts management.

Following are the major features added to the product in the 14.7.1.0.0 release:

- Same Day Charge Collection

- Integration with Oracle Banking Accounts

- Enhancement of Virtual account ECA/ amount block functionality

- Enhancement of SWIFT and ISO Intraday statement functionality

- Traditional ALTA theme replaced with Redwood Theme

- Implemented remote caching solution for static/dynamic data using Oracle Coherence

1.2 Release Enhancements

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

- **Functional Features**
  This topic provides the information about the various functional features added in this release.

- **Non-Functional Features**
  This topic provides the information about the various non-functional features added in this release.

- **Technical Changes**
  This topic provides the information about the technical changes added in this release.

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

1.2.1 Functional Features

This topic provides the information about the various functional features added in this release.

Same Day Charge Collection

A feature has been provided to collect the charges on the same day due for collection. This is based on a parameter configured at the End of Day workflow definition. With this enhancement, the charges due for collection today can either be collected on the same day or the next day. By default, the charges will be collected on the same day.

Integration with Oracle Banking Accounts

Oracle Banking Virtual Account management is now integrated with Oracle Banking Accounts as another DDA system for the transaction redirection to the linked real account (DDA redirection).

Enhancement of Virtual Account ECA/ amount block functionality

A feature has been provided to allow the full release of amount block on a virtual account as a part of journal posting when the posting amount is less than the outstanding block amount, which was earlier restricted.

Enhancement of SWIFT and ISO Intraday statement functionality

MT942 and CAMT.052 intraday scheduled statement generation has been enhanced to consider the account's time zone for a generation.

1.2.2 Non-Functional Features

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

Redwood Theme Adaption

The Oracle Redwood user experience has been implemented across all the screens in the Oracle Banking Virtual Account Management appshell to provide a consistent and effective user experience to drive efficiency.

This implementation does not affect any functionality. A few more details are listed below as Redwood comes into play:

1. Oracle JET class has been deprecated.

2. Inline styling in HTML has been deprecated.

3. CSS utility classes are being used on the component level instead of Custom classes for font size, font-color, padding, margin, bg-color, heading, etc.

4. Images are no longer used for icons.

5. Libraries like lux, moment js, math js, jszip, and timsort are deprecated.

Coherence Cache

Oracle Banking Virtual Account Management now supports Coherence. Coherence stores frequently accessed data as serialized key-value pairs for a fast read, write, and query operations to achieve maximum application performance and stability.

The use cases for coherence in domain services include replacing REST API calls to common core services with coherence wrapper methods, replacing Spring caches and new methods to cache processed data.

Refer **Oracle Banking Microservices Architecture Installation Guide** for the detailed explanation on Coherence implementation with plato-coherence-server.

1.2.3 Technical Changes

This topic provides the information about the technical changes added in this release.

- Oracle Database 19c Enterprise Edition Release is upgraded to 19.18.0.0.0
- Deployment of 14.7.1 binaries to be done on Java Runtime 11.0.16
- Api-gateway Update: Zuul replaced with spring-cloud-gateway, and Spring Oauth version updated.
- Zookeeper version 3.6.3 is embedded with Kafka version 2.13-3.4.0

1.2.4 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

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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

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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 Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + Patch 32077936**
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 11.0.16
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.18.0.0.0
		Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-3.4.0
				Apache ZooKeeper	3.6.3

** Patch 32077936: JSF APPLICATION RESPONSE ISSUE FOR HTTPS PROTOCOL WHEN HTTP2 IS ENABLED, needs to be applied to Weblogic version 14.1.1.0.0.

Client Machines: 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

> **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.

Table A-2   UI Stack

Software Type	Recommended Software	Version Number
UI	Oracle JET	v13.0.0

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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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