

Oracle® Banking Liquidity Management Release Notes



Release 14.7.1.0.0

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

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Preface

Background

Oracle Banking Liquidity Management enables banks and financial institutions to provide a set of services to its corporate customers, which allows the corporate to optimize interest on their checking/current accounts (Increase credit Interest, decrease debit interest) and To pool funds from different accounts. This enables the corporate to manage the daily liquidity in their business in a consolidated fashion and derive maximum benefits at minimal cost. It encompasses Account Management, Balance Build, Cross Border Cash Management and Infrastructure management (Structure management). Its mission-critical, robust architecture and use of leading-edge industry standard products ensure almost limitless scalability.

Purpose

The purpose of this Release Notes is to highlight the various features in Oracle Banking Liquidity 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
NLS	Natural Language Support
DDA	Demand Deposit Account
SDE	System Data Elements

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 Liquidity Management.
Components of the Software	This topic consists of the technology pre-requisites required for Oracle Banking Liquidity Management.

Table 2 (Cont.) List of Topics

Topics	Description
Environment Details	This topic provides the information on the environment details for Oracle Banking Liquidity Management.
Third-Party Software	This topic provides the information on licensing of third-party software that are packaged with Oracle Banking Liquidity Management.

Related Documents

For more information, refer to the following documents:

- Oracle Banking Liquidity Management User Manuals
- Oracle Banking Liquidity 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 topics provides the information on the release highlights added to the product in this release.
- [Release Enhancements](#)
This topic provides information about the Release Enhancements for release.
- [Deprecated Features](#)
This topics provides the information on the features deprecated from the product in this release.

1.1 Release Highlights

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

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

- Updates on Structure Closure
- Rate type at Structure Level
- Rate server integration for Sweeps
- NLS Changes

1.2 Release Enhancements

This topic provides information about the Release Enhancements for release.

This topic contains the following subtopics:

- [Functional Features](#)
This topic provides the information about the various functional features added in this release.
- [Non-Functional Changes](#)
This topics describes about the Non-Functional Changes.
- [Platform Changes](#)
This topics describes about the Platform Changes.
- [Documentation Changes](#)
This topic provides the information about the various documentation changes added in this release.

1.2.1 Functional Features

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

Updates on Structure Closure

- During the closure of a pool structure:
 1. On structure closure authorization, system will immediately liquidate and allocate the interest to all the accounts in the structure.
 2. System will disable the 'IC required' flag from 'Yes' to 'No' for the Notional Header and will stop doing further interest accruals for the structure.
 3. During the reopening of the structure, user should update the relevant account groups to the Notional header and system will resume interest accruals for the structure.
- During the closure of an Interest Optimization structure:
 1. On structure closure authorization, system will immediately liquidate and allocate the interest to all the accounts in the structure.
 2. System will disable the 'IC required' flag from 'Yes' to 'No' for all the accounts and will stop doing further interest accruals for the structure.
 3. During the reopening of the structure, user should update the relevant account groups for all the accounts and system will resume interest accruals for the structure.
- While delinking an account from the structure, user will have an option select the liquidation on delinking as:
 1. **Yes**- system will immediately do the liquidation and reallocation to all the accounts.
 2. **No**- System will do the liquidation and reallocation as per the normal liquidation cycle.

 **Note:**

The new field "**Reallocation on delinking**" introduced is applicable for Interest, and Advantage Methods.

Rate Type at Structure Level

- Application has been enhanced with an option for the user to select any of the defined exchange 'Rate types' at structure level. This rate could be considered for the currency conversions done at structure level both for pools and for sweeps structures.

Rate server integration for Sweeps

- Application has been enhanced with an option for the user to select the rates at structure level as follows:

1. **Online:** Allowing online integration with an external rate system via OBRH for sweeps.
2. **Offline:** Offline rate fetch from Oracle Banking Liquidity Management.

NLS Changes

- Application has been enhanced with Natural Language Support for French, Arabic, Spanish, Portuguese, Chinese and Traditional Chinese.
- Application menus, screens, Alerts, LOVs, etc. would be displayed (translated) based on the language preferences provided by the User on the User Maintenance screen.

1.2.2 Non-Functional Changes

This topics describes about the Non-Functional Changes.

Coherence Adoption

- Oracle Banking Liquidity Management implemented remote caching solution for static/dynamic data using Oracle Coherence.
- Oracle Banking Liquidity Management now supports Coherence. Coherence stores frequently accessed data as serialized key-value pairs for 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.
- For more information on the coherence adoption, refer to **Oracle Banking Microservices Platform Foundation Installation Guide**.

1.2.3 Platform Changes

This topics describes about the Platform Changes.

UX-UI components standardization

Traditional ALTA theme replaced with Redwood Theme:

- The Oracle Redwood user experience has been implemented across all the screens in Oracle Banking Liquidity Management appshell to provide a consistent and more effective user experience to drive efficiency.
- This implementation has no effect on any functionality. Few more details listed below as Redwood comes into play:
 1. Inline styling in HTML has been deprecated.
 2. Custom classes for font-size, font-color, padding, margin, bg-color, heading, etc. on component level are deprecated, instead CSS utility classes are being used.
 3. Images are no longer used for icons.
 4. Libraries like lux, moment js, math js, jszip, timsort are deprecated.

Date Format Change:

- Multiple date formats have been replaced with single date format across all the screens in Oracle Banking Liquidity Management. The date format would be **DD-Month-YYYY**.

Database Upgrade

- As part of this release, the database version for Oracle Database 19c Enterprise Edition Release is upgraded to 19.18.0.0.0

Oracle Java JDK

- Deployment of 14.7.1 binaries to be done on Java Runtime 11.0.16

API Gateway Router

- Zuul replaced with spring-cloud-gateway, for more information refer to the **Oracle Banking API Security Guide**

1.2.4 Documentation Changes

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

- New properties are added as part of this release, for more detailed information refer to **Annexure** section in **Oracle Banking Liquidity Management Pre-Installation Guide** (new properties highlighted in bold).

1.3 Deprecated Features

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

Not Applicable

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Components of the Software

This topics 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

The following Oracle Banking Liquidity Management software components are included in this release:

- Service and API Components
 - Java Sources
 - UI Components (OJET)
- Database objects which include tables, sequences, seed data and views.
- Installation utilities
 - UI and Script based installation for Application Server and Database Server
 - Installation documents for
 - * Application Deployment
 - * Database setup
 - * Reports setup

A

Environment Details

This topic describes about Tech Stack details of Oracle Banking Liquidity Management.

Tech Stack – Oracle Banking Liquidity Management

Table A-1 Tech Stack – Oracle Banking Liquidity Management

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Liquidity 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 (Embedded with Kafka)	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.

 **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	v13.0.0

B

Third-Party Software

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

For information on the third-party software, refer to the **Oracle Banking Liquidity Management License Guide**

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