

Oracle® Banking Liquidity Management Release Notes



Release 14.7.0.0.0
F72643-02
November 2022

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

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Oracle Banking Liquidity Management Release Notes, Release 14.7.0.0.0

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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 14.7.0.0.0.

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 14.7.0.0.0
- [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 14.7.0.0.0 is to deliver the following enhancements:

- Updates on Structure Priority
- Account level special interest rate maintenance
- Updates to accounts available for simulation for an existing customer
- Updates to Pool Simulation: Support for pool simulation using Advantage and Ratio method of interest computation
- Support for simulation of a Hybrid structure for interest method only
- Support for Interest Optimization simulation
- Approval Workflow changes
- Support for BAH for ISO Message

1.2 Release Enhancements

This topic provides information about the Release Enhancements for release 14.7.0.0.0

This topic contains the following subtopics:

- [Functional Features](#)
This topic provides the information about the various functional features added in this release.
- [Technical Changes](#)
This topic provides the information about the technical changes added in this release.

- [Oracle Banking Microservices Architecture Installer](#)
- [Miscellaneous Changes](#)
This topic provides the information about the miscellaneous 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 to Structure Priority

- Currently the priority assigned to an account structure is at a bank level. In the current release this has been brought to customer level. In the new structure priority feature, priorities will be at a customer level.
- A new step “Structure Priority” has been added in Account Structure Creation/Modification process after the step of linking accounts in the structure.
- In the new “Structure Creation” screen user is given information about:
 - Accounts in the structure (the one user is currently creating) that are participating in other structures. To arrive at this data system will consider all structures available for this customer as well as its parent and child customers
 - Current structure priorities of all the structures that are listed in point a with an option for the user to change their priority
- The intent of the new feature is to give a full picture to the user about all the structures & their priorities to be consider while deciding on the priority for the new structure creation.

Special Interest Rate Maintenance

- A new feature to maintain account level interest rates (also known as Special Interest Rates) has been introduced.
- The feature is available through a new screen called “Account Special Rate” under the Oracle Banking Liquidity Management applications “Maintenance” menu
- Account level interest rates can be maintained both for notional headers of pool structures and normal accounts

Updates to Account Available for Simulation for an Existing Customer

- Users can now select existing customer’s accounts that are not yet on-boarded in Oracle Banking Liquidity Management for creating account structure simulation
- The details accounts that are yet to be on-boarded will be fetched from Oracle Banking common core.
- Further, the list will also include accounts from any other CIFs for which the CIF in context is the Parent CIF
- With these changes users can broaden the scope of account structure simulation and make it more relevant to the customer

Updates to Pool Simulation

- Simulation of pool structures is now possible with “Advantage” and “Ratio” methods of interest calculation too along with “Interest” method that was already supported
- User has to choose the appropriate interest method in the Interest Method field of the Structure Details screen of the Simulation transaction
- The simulation benefit advice format continues to be the same. The interest columns with simulation will show interest calculated based on the interest method selected during simulation
- These changes are available for both new prospect simulation as well as simulation for existing customer

Support for Hybrid Structure Simulation

- Users can now simulate a hybrid structure too using the same screens of pool and sweep simulation
- The process of simulating structure is very similar to simulating a pool or sweep structure. User has to key in the appropriate details, select accounts to simulate and build a hybrid structure with pool structure on top and the sweep structure below the pool
- Please note that currently only “interest” method of interest computation is supported for hybrid structure simulation. Other features like simulation benefit advice and ability to convert simulated structure to real structure are also available for hybrid structure
- These changes are available for both new prospect simulation as well as simulation for existing customer

Support for BAH for ISO Message

- Currently the system supports the processing of incoming camt.052 and camt.053 messages to derive the balances of the accounts in third party banks.

 **Note:**

The Business Application Header is a header that has been defined by the ISO 20022 community that can form part of an ISO 20022 business message. It gathers together, in one place, data about the message, such as which organization has sent the business message, which organization should be receiving it, the identity of the message itself, a reference for the message and so on

- System was not processing the incoming BAH (Business Application Header) as part of the incoming message processing. This has been enhanced for the system to process the incoming BAH
- System would validate the Sender BIC which comes as part of the BAH and show relevant errors if the sender BIC is not proper.

Support for Interest Optimization Simulation

System currently supports the simulation of Sweeps structures. System has been enhanced to support the simulation for Interest optimization structures too.

- User can now create an IO structure for new prospect or for existing customers

- User can create an IO structure supporting the following rate type combinations
 - Enhancement rates only
 - Premium rates only
 - Combination of Enhancement rates + Premium rates
 - Nomination rates only
- User can generate an advice with the interest calculated as per the rate types attached
- User can convert the simulation structure into an actual structure
- Maker checker is enabled only when user tries to convert the structure from simulated to actual



Note:

Interest Optimization Simulation is applicable only to bank user not for channel user.

Approval Workflow changes

Following features have been introduced as part of the changes to approval workflow for various maintenances:

- **Remarks for Maker:** When submitting a record for authorization, Maker will now have the option to key in remarks. These remarks will be visible to the Checker during authorization
- **Reject workflow:** Authorizer can now reject an approval request. On “Reject”, the record will be rejected with authorization status as “Rejected”. The maker can edit the record and re-submit for approval. Further
 - An option will be provided to the checker to view the maker remarks during authorization. The maker remarks can be viewed by clicking on the “Audit Button”. Also Maker too can view Checker’s remarks in case the record was rejected by the Checker during authorization
- **View before authorizing:** Viewing of the record to be mandatory before checker can either approve or reject will be controlled through a bank level parameter.
 - If the bank parameter is set as “True”, Checker will not be able to either approve or Reject unless the checker views the record at least once. In such case an error message will be displayed. Checker can view the record by clicking on the “View” button on the authorization screen
 - If the bank parameter is set as “False”, Checker will be able to either Approve or Reject without viewing



Note:

The Account Structure approval will continue to be as is currently where approval happens in the dedicated structure approval screen

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 Technical Changes

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

- Oracle Database 19c Enterprise Edition Release is changed to 19.16.0.0.0
- Oracle JET version is upgraded from 9.1.0 to 13.0.0

1.2.3 Oracle Banking Microservices Architecture Installer

- Oracle Banking Microservices Architecture Installer is introduced to create the infrastructure required for Oracle Banking Product(s) and install the product at the customer site.
- For more information, refer to **Oracle Banking Microservices Architecture Installer Guide**.

1.2.4 Miscellaneous Changes

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

Newly Added Functional Activities

- LMD_FA_ACCOUNT_MAP
- LMD_FA_SCHEDULED_SWEEPS
- LMD_FA_EFFECTIVE_TOTAL_BALANCES
- LMX_FA_IO_SIMULATION_GETIOSTRUCTUREID
- LMX_FA_IO_SIMULATION_AUTHORIZE
- LMX_FA_IO_SIMULATION_CLOSE
- LMX_FA_IO_SIMULATION_CREATE
- LMX_FA_IO_SIMULATION_DELETE
- LMX_FA_IO_SIMULATION_MODIFY
- LMX_FA_IO_SIMULATION_REOPEN
- LMX_FA_IO_SIMULATION_VIEW
- LMX_FA_IO_SIMULATION_IOSIMULATE
- LMM_FA_FETCH_CMC_ACC_DET
- LMG_FA_PROCESS_HOLD_MESSAGES_BATCH

Documentation Changes

- **Annexure -1** and **Annexure -4** Installation Guides are renamed as **Configuration and Deployment Guide**, and **High Availability Setup Guide** respectively.
- **Annexure -2** Guide is deprecated, and content is migrated to **Observability User Guide**.
- **Annexure -3** Guide is deprecated, and content is migrated to **Troubleshooting Guide**.
- For any deployment, patch related issue, and installer issue, refer to the **Known Issues – Resolution** section in **Oracle Banking Liquidity Management Installation Guide**.

1.3 Deprecated Features

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

Not Applicable

2

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

Software Components of Oracle Banking Liquidity Management 14.7.0.0.0 that form part of this release are as follows:

- 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 8 Update 341 & JDK 11.0.16
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.16.0.0.0
		Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-2.8.1
				Apache ZooKeeper	3.6.2
		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	Mozilla Firefox	Mozilla Firefox Release (87+)	
			Google Chrome	Release (Version 88+)	
			Microsoft Edge	Microsoft Edge (89+)	
			Safari	Apple Safari (14+)	

**** 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.

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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