

Oracle® Banking Liquidity Management Release Notes



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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

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.

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

For more information, refer to the following documents:

- Oracle Banking Liquidity Management User Manuals
- Oracle Banking Liquidity Management License Guide

1

Release Notes

This topic provides the information about the release notes added to the product for the current release.

This topic contains the following sub-topics:

- [Release Highlights](#)
This topic provides the information on the release highlights added to the product in the release.
- [Release Enhancements](#)
This topic provides information about the Release Enhancements for release.
- [New Services Introduced](#)
This topic provides the information about the new services introduced in the release.
- [Deprecated Features](#)
This topic provides the information on the features deprecated from the product in the release.

1.1 Release Highlights

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

Separate Structure Flow

New fields introduced in Account Structure Creation screen.

Alternate Account Number

Alternate Account Number can be captured for liquidity management enabled third party accounts.

Data Archival

Rule based archival with scheduled or manual triggers.

Balance Fetch for Third Party Accounts

Sub pools

Interest liquidation account for Notional Headers

OBLM - Charges Enhancement

Support for Structured & Hybrid Address

1.2 Release Enhancements

This topic provides information about the Release Enhancements for release.

This topic contains the following sub-topics:

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

1.2.1 Functional Features

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

Separate Structure Flow

- In this feature, a new structure-specific flow has been introduced. Separate, streamlined experiences for Sweep, Pool, and Hybrid, showing only relevant, logically grouped fields are displayed in the Structure Details screen.
- The Structure Summary and Structure Approval screens will also display the fields relevant to the structure type.

Alternate Account Number

- Through this enhancement an Alternate Account Number can be captured for liquidity management enabled third party accounts.
- The alternate account number will help to match incoming MT/MX statements when incoming MT/MX account numbers may include prefixes/suffixes, or the account numbers mentioned in the messages vary from the actual account numbers.

Balance Fetch for Third Party Accounts

- This feature enables configurable balance requests for third party accounts via MT920, camt.060, or API, supporting time specific/repetitive schedules, EOD/intraday options, and pre sweep triggers.
- The changes are part of the Third Part Account Parameters functionality where a new data segment has been added where user can specify how the balance fetch should happen.

Data Archival

- This feature introduces rule based archival with scheduled or manual triggers, configurable retention per data store, entity/branch conditions, and conditional skips, boosting performance and regulatory readiness. Currently archival is supported only for single table and not supported for tables where parent-child relationship is present.

Sub pools

- In this feature, Sub pools are introduced, which allows the users to create a Sub pool within the main pool. In the sub pools, user can add an already created pool as the child account so that interest calculation for main pool considers the balance of the sub pools too.
- System allows addition of multiple Sub pools within the parent pool structure. The interest calculation for the Sub pools and the main pools happens as per the parameters specified at the Notional Headers and the child accounts.

Interest liquidation account for Notional Headers

System allows the capture of either a GL account or a customer account as the 'interest liquidation account' for the Notional Header.

OBLM- Charges Enhancement

System has been enhanced to perform the below for OBLM Charges:

- Refund of already collected charges
- Waiver of charges
- Retry of failed charge collections

Support for Structured & Hybrid Address

Oracle Banking Liquidity Management (OBLM) now supports ISO 20022 hybrid/structured addresses, including capture in third-party accounts and transmission during MBCC sweeps. Address type selection is driven via customer parameters for internal accounts, and third-party account parameters for external accounts. Outbound services send unstructured or hybrid depending on message type (MT101, MT103/pacs.008, pain.001).

1.2.2 Non-Functional Changes

This topic describes about the Non-Functional Changes.

GCS Batch fix Changes

As part of these changes, the Batch Migration scripts have been added to Batch and domain services both which will migrate all existing data from the Old Batch Tables to the New GCS compliant Batch Tables. In addition, audit data will be added to these records as per GCS requirements.

Resiliency - Adding JVM Args for Services

As part of JVM resilience, below JVM parameters are added to improve performance and efficiency.

- XX:MaxRAMPercentage
- -XX:InitialRAMPercentage
- -XX:NewRatio
- -Xss
- -XX:+UseParallelGC
- -XX:+UseCompressedOops

- -XX:+HeapDumpOnOutOfMemoryError

New batch framework will be introduced as part of plato-batch-framework library

Please refer the Configuration Guide for new Workflow DSL in Section 1.2 Upload DSL and Refer Table 3-1 Oracle Banking Liquidity Management Job

Below old batch jobs using plato-batch-core are deprecated

- eodPoolJob
- eodPreICJob
- mbcvBalanceUpdateJob
- cmAccBalanceArchivalJob
- bodReallocationJobV2
- bodICLJob

Below APIs used in EOD workflow DSL are deprecated.

1. /oblm-structure-services/structure/updateStructureStatus/\${workflow.input.branchCode}
2. /oblm-integration-services/balanceFetch/ictbEntriesHistoryAccr/\${workflow.input.branchCode}
3. /oblm-pool-services/service/lmp/pool/updateDeferredEntriesForPoolCont?branchCode=\${workflow.input.branchCode}

1.2.3 Technical Changes

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

- **API Versioning**

1. Existing service URLs used across Oracle Banking Liquidity Management application were updated to align with the latest versioned API endpoints exposed by Interest and Charges (IC) and Corporate DDA.
2. All the web and service URLs used across Oracle Banking Liquidity Management application have been versioned for current release.

Note

For more details on endpoints, utilize the API hub and refer to the API Hub documentation.

- **SQLCL Adoption**

The database migration scripts were being maintained as SQL scripts and applied using flyway commands and libraries. From R14.8.2.0.0 release onwards, Oracle Banking Microservices Architecture has moved away from flyway and adopted SQLcl for database version control.

SQLcl is a Java-based command-line interface for Oracle Database. Using SQLcl, SQL and PL/SQL statements can be executed interactively or as a batch file. SQLcl provides inline editing, statement completion, command recall, and supports existing SQL*Plus scripts. The Liquibase feature in SQLcl enables executing commands to generate a changelog for a single object or for a full schema (changeset and changelogs). It is an open-source database-independent library for tracking, managing, and applying database schema changes.

- **Artifact Version and Environment Display**
 - The user logs will display the current artifact version and environment name configured.
 - The application user interface will display product release version in the About Section and environment name configured on the app-shell header after Login.
- **Blue-Green deployment**

Software deployment strategy has been adopted to reduce risk and minimize downtime – nearly zero downtime.
- **New Services for deployment**
 1. plato-alerts-management-services
 2. sfs-alerts-services (refer **Oracle Banking Liquidity Management Installation Guide**)
 3. oblm-ic-icbt-services (refer **Interest and Charges Services Installation Guide**)
 4. obvam-ic-icbt-services (refer **Interest and Charges Services Installation Guide**)

1.2.4 Platform Changes

This topic describes about the Platform Changes.

UI Upgrade

As part of the release, the ojet version is upgraded to v18.1.0 and Lodash was removed.

1.2.5 Integration

This topics describes about the Integration features.

Not Applicable.

1.2.6 Documentation Changes

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

- SQLCL is adopted instead of flyway for database version control, for more detailed information refer to **Add SQL/CL - related Script** section in **Oracle® Banking Microservices Architecture Installer Guide**

1.3 New Services Introduced

This topic provides the information about the new services introduced in the release.

Following new services are introduced in the release.

1. plato-alerts-management-services
2. sfs-alerts-services (refer **Oracle Banking Liquidity Management Installation Guide**)
3. oblm-ic-icbt-services (refer **Interest and Charges Services Installation Guide**)
4. obvam-ic-icbt-services (refer **Interest and Charges Services Installation Guide**)

1.4 Deprecated Features

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

Below old batch jobs using plato-batch-core are deprecated.

1. eodPoolJob
2. eodPrelCJob
3. mbcvBalanceUpdateJob
4. cmAccBalanceArchivalJob
5. bodReallocationJobV2
6. bodICLJob

Below APIs used in EOD workflow DSL are deprecated.

1. /oblm-structure-services/structure/updateStructureStatus/\${workflow.input.branchCode}
2. /oblm-integration-services/balanceFetch/ictbEntriesHistoryAccr/\${workflow.input.branchCode}
3. /oblm-pool-services/service/Imp/pool/updateDeferredEntriesForPoolCont?branchCode=\${workflow.input.branchCode}

For more details on the changes, refer the **Configuration Guide** for new Workflow DSL in Oracle Banking Liquidity Management Job : section 1.2 Upload DSL and refer Table 3-1 .

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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

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 Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0.0 + Patch **37439198
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 17.0.18
				Oracle Coherence	14.1.2.0.0
				Conductor	3.15.3
		Database Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release 19.29.0.0.0	19.29.0.0.0
		Message Broker	Oracle Linux Server 8.7 (x86 64 Bit)	Apache Kafka	2.13-3.9.2
		End User Machine(s)		Apple Safari	Apple Safari(17+)
				Google Chrome	Google Chrome Release (Version 131+)
				Microsoft Edge	Microsoft Edge(131+)
				Mozilla Firefox	Mozilla Firefox(132+)

- ****37439198** - WLS PATCH SET UPDATE to 14.1.2.0.0+

① 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 11 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	v18.1.0

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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