Product Release Note
Oracle Banking Liquidity Management
14.0.0.0.0
November 2017

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FINANCIAL SERVICES

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Version 14.0.0.0.0

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Product Release Note

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1. Release Notes

1.1 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 pool funds from different accounts. Thus enabling a corporate customer to manage the daily liquidity in their business in a consolidated fashion to derive maximum benefits at minimal cost. It encompasses Account Management, Balance Build, Cross Border Cash Management and Infrastructure management (Structure management).Its mission-critical and robust architecture and use of leading-edge industry standard products ensure almost limitless scalability.

1.2 Purpose

The purpose of this Release Note is to highlight the various features in Oracle Banking Liquidity Management 14.0.0.0.0

1.3 Abbreviations

Abbreviation	Description
BVT	Back Value Dated Transaction
EOD	End of Day
BOD	Beginning of Day
SMS	Security Management System
IC	Interest and Charges
MBCC	Multi Bank Cash Concentration
OBIEE	Oracle Business Intelligence Enterprise Edition
BIP	Business Intelligence Publisher
RM	Relationship Manager
TD	Term Deposit
MM	Money Market
DDA	Demand Deposit Account
LM	Liquidity Management
LOV	List of Values

1.4   Release Highlights

The scope of the current release Oracle Banking Liquidity Management 14.0.0.0.0 is to develop the following enhancements

- Relationship Manager\User access Control
- Structure Level execution control
- Payments Interface
- Investments Sweep
- E-Banking – Channel Support
- BIP Reports
- OBIEE Reports

1.5   Enhancements to existing module

1.5.1   Relationship Manager\User access Control

System is enhanced to control the access of Customer and related Structures to only Linked Relationship Managers (RMs) with the following linkages
- A Customer or group of Customers or All customers to a User.
- A User or group of Users or All Users to a Customer.

Post linkage, the users will be able to access only the linked customer's data on the screens and the dashboard.

The Customer screen, Account screen and Interest product mapping screen will only display data specific to the customers which have been linked to the User\RM , other User\RM customer or account details or interest product mapping details will not be accessible to a user if the customer\s are not mapped to that particular User. The same principle holds good for manual sweep screen where in the User\RM can perform manual sweep only for his linked customers.

The widgets on both Banker and RM dashboard for a User\RM will display data specific to the linked customers.

1.5.2   Relationship Dashboard changes

- Flexibility to select customer
  - Single Customer or group of Customers or All Customers linked to the User.
- Flexibility to select structure for the selected customer
  - Single Structure or Group of Structures or All Structures.
- Data Displayed in the dashboard is based on the customer and structure selected

1.5.3 **Investments Sweep**

- System enhanced to support automatic investment sweeps wherein funds are invested in to term deposits with in the bank. Create a Structure with header account as notional account with one child account and multiple sub child accounts and Investment sweep type as TD or MM at structure level.

- Sweep out to the terms deposits can follow any of the sweep concentration methods (ZBA, Fixed, Target, Threshold, Collor, and Percentage). Oracle Banking Liquidity Management system generate handoff message (Create TD XML) for the investment sweeps at the defined frequencies to the core banking system (DDA)\external system.

1.5.4 **Structure Level execution control**

- System enhanced to enable/disable the Sweep and Pool execution at structure level with the introduction of "Temporary Pause" flag for a particular structure in structure maintenance screen to manually control the execution.

- System display Alert Messages in the Banker Dashboard based on the flag selection. If any of the Liquidation fails in the Pause period, Exception alert message will be displayed in the Dashboard.

1.5.5 **Payments Interface**

- Oracle Banking Liquidity Management integrated with Oracle Payments for processing payment messages.
- Oracle Banking Liquidity Management system initiates MT101\MT103 creation request to Oracle Payments. Oracle Payments generates MT101\103 message & dispatch the request to SWIFT and shares the corresponding confirmation/ACK/NACK to Liquidity Management system along with Date and Timestamp.

1.5.6 **E-Banking – Channel Support**

System enabled to access the Rest Layer for third party customers after authorization in the Security Layer.

Oracle Banking Liquidity Management exposes the following list of services to Bank's Channel Management software.

- List of Structures (View).
- View of Liquidity Structures: Sweep, Pool, Hybrid, Enhancement.
- Initiate Manual Sweeps.
- View Sweep Log from Sweep Monitor.
- Marking of a structure to hold status.

1.5.7 BIP Reports

System enhanced with the Following reports

- **Interest Re-allocation Report:** This report display details related to the interest re-allocations performed by the system based on the pre-set re-allocation rules.

- **BVT Report:** This report display all the BVT transaction carried out with source account, destination account details, and Value-date details.

- **Interest Paid Report:** This report displays the interest paid details for an account/ all accounts of a customer or for accounts participating in a specific structure.

- **Exception Report:** This report display the list of exceptions encountered by the system.

- **QC Interface Report:** This report provides the list of all successful and failure/error interactions with the interface systems (with root cause/error message).

1.5.8 OBIEE Reports

Oracle Banking Liquidity Management enhanced to support the report generation through OBIEE tool. Provision to generate the all the BIP reports through OBIEE tool as well.

2. Components of the Software

2.1 Documents accompanying the software

The various documents accompanying the software are as follows:

- Release Note
- Installer Kit
- User Manuals and Installation manuals can be accessed from the below link

https://docs.oracle.com/cd/E86317_01/index.htm

2.2 Software Components

Software Components of Oracle Banking Liquidity Management 14.0.0.0.0 that form part of this release are as follows:

- Application Server
  - ➢ Java Sources
  - ➢ UI Components (ADF)
  - ➢ Reporting Components(Data models(xdmz))
- Database Server
  - ➢ Stored Procedures (Packages, Functions, Procedures, Triggers, Views)

- Installation utilities
  - ➢ UI and Script based installation for Application Server and Database Server
  - ➢ Installation documents for
    - → Application Deployment
    - → Database setup
    - → Reports set-up
    - → User Creation Utility
- Online Help Files

3. Annexure – A: Environment Details - Tech Stack

Component	Deployment option	Machine	Operating System	Software	Version
Oracle Banking Liquidity Management	Centralized	Application Server	Oracle Enterprise Linux Server 7.1	Oracle Fusion Middleware 12c Infrastructure (Weblogic Server, Application Development Framework, Toplink and RCU)	12.2.1.3.0
				JDK	JDK 1.8 Update 144
				Oracle Database (for RCU)	12.2.0.1.0
		Database Server	Oracle Enterprise Linux Server 7.1	Oracle Database 12c Enterprise Edition Release (64 Bit Production)	12.2.0.1.0
		Reporting Server	Oracle Enterprise Linux Server 7.1	Oracle WebLogic Server	12.2.1.3.0
				JDK	1.8 Update 144
				Oracle Business Intelligence (Oracle BI Publisher)	12.2.1.3.0
				Repository Creation Utility	12.2.1.3.0
				Oracle Database (for RCU)	12.2.1.3.0
		Single Sign on Server	Oracle Enterprise Linux Server 7.1 (x86 64 Bit)	JDK	JDK 1.8 Update 144
				Oracle Fusion Middleware 12c Infrastructure (Weblogic Server and RCU)	12.2.1.3.0
				Oracle Identity and Access Management	12.2.1.3.0
				Oracle Unified Directory	12.2.1.3.0
				Oracle HTTP Server	12.2.1.3.0
				Oracle Database (for RCU)	12.2.0.1.0
		Client Machines	#Supported Browsers	Internet Explorer	Microsoft Internet Explorer Release 11.*
				Mozilla Firefox	Mozilla Firefox Release 45.6.0
				Google Chrome	Google Chrome Release 55.0.2883.87

Note: # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter which Operating Systems they are installed on. Current release is certified on client workstations with Windows 7.

4. Annexure – B: Third Party Software Details

Licensor Name	Licensed Technology	Version
Apache	Ant	1.10.1
Apache	Apache POI	3.16
Apache	Commons Collections	4.1