

Product Release Notes
Oracle Banking Enterprise Limits and Collateral Management
Release 14.7.0.0.0
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November 2022
Version 14.7.0.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
<https://www.oracle.com/industries/financial-services/index.html>

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1. Release Notes

1.1 Background

Oracle Banking Enterprise Limits and Collateral Management is an enterprise application that enables banks to manage their exposure by centralizing limits definition process along with collateral management and effectively managing the underlying rules and the validations needed. It is a real-time solution for hierarchical exposure tracking, multi-level credit facilities creation, renewal, and utilization along with collateral pooling and collateral re-valuation and is enabled for multi-currency, multi-entity, multi-instance operations. Being built on SOA, Oracle Banking Enterprise Limits and Collateral Management offers strong integration capability to coexist with the existing application landscape.

Oracle Banking Enterprise Limits and Collateral Management 14.7.0.0.0 is enhanced on the Base Version 14.6.0.0.0 of Oracle Banking Enterprise Limits and Collateral Management.

1.2 Purpose

The purpose of this Release Notes is to provide an insight about the new features in OBELCM 14.7.0.0.0.

1.3 Abbreviations

Abbreviation	Description
CO	Core Services
OBECM	Oracle Banking Enterprise Collateral Management
OBELCM	Oracle Banking Enterprise Limits and Collateral Management
OBELM	Oracle Banking Enterprise Limits Management
FCUBS	Oracle FLEXCUBE Universal Banking
SOA	Oracle Service-Oriented Architecture
XML	Extensible Mark-up Language
XSLT	Extensible Stylesheet Language Transformations
GL	General Ledger

DDA	Demand Deposit Accounts
ROFC	Rest of Flexcube
EBR	Edition Based Redefinition
JDBC	Java Database Connectivity

1.4 Release Highlights

- The following enhancements are released as part of OBELCM 14.7.0.0.0 version.
 - Single Customer Multiple Liability Linkage
 - Adhoc Fees
 - JWT Authentication
 - OBMA Common Core Replication

1.4.1 Common Changes

1.4.1.1 Single Customer Multiple Liability Linkage

- OBELCM 14.6 supported linkage of one customer to only one liability. With this new enhancement we support linkage of a customer to multiple liabilities.
- Customer can have their own liability and be part of other liabilities too.
- **GEDMLIAB** – Liability Maintenance has a new sub-system – Linked customers through which linkage to other liabilities can be established.
- Existing linkage in **GEDCULIK** will be deemed as default liability linkage for the customer.
- First time linkage of a customer to a liability will automatically update the linked customer in liability maintenance.
- **GEDFACTL** (Facility Maintenance) will fetch details from linked customers in liability maintenance for signifying customer restrictions.
- Appropriate validations are done while de-linking customer from the liability.
- ELValidLimitService is enhanced to fetch details of selected entity **for default liability** or **for a selected liability** or **for all liabilities**. Same is supported through external drop-down list used by other PPs.
- OBELCM supports utilization/blocking from customer contracts on entities created for different liabilities based on the request.
- PPs must specifically mention the liability which needs to be considered along with line code in utilization/block request.

1.4.1.2 JSON Web Token (JWT) Authentication

- OBELCM supports JWT authentication for the Rest integrations other than oracle products.
- JWT is an open standard (RFC 7519) that defines a compact and self-contained way for securely transmitting information between parties as a JSON object.
- JSON Web Tokens are a good way of securely transmitting information between parties. Because JWTs can be signed using public/private key pairs.
- JWTs can be signed using a secret with the HMAC algorithm or a public/private key pair using RSA or ECDSA.

1.4.1.3 OBMA Common Core Replication

- OBELCM is enhanced with the feature of replicating data to OBMA common core.
- Entities covered as part of replication are listed below:
 - Liability
 - Facility
 - Collateral
 - Collateral pool
 - Customer liability linkage

New RSO rest services are written in common core to support replication. The existing common core scheduler job handles replication.

1.4.2 Limits Management

1.4.2.1 Adhoc Fees

- In addition to existing recurring fees (Advance and Arrears fees), OBELCM is enhanced with Adhoc fees functionality.
- Adhoc fees can be collected both through linking it to Facility or directly.
- Existing fee rules and fee class is enhanced to support configuration of Adhoc fees.

- New screen is provided to configure Adhoc fee for liquidation.
- Adhoc fees can be configured as Rate and Amount.
- Option to configure Adhoc fees with both Manual and Automatic liquidation is supported.
- Adhoc fees can also be configured for both current and future dated liquidation.
- Provision to change the fee from Rate to Amount and vice versa during liquidation set up.
- System support to collect same Adhoc fee multiple times against the same facility is available.

1.4.3 Collateral Management

There are no enhancements done.

2. Deprecated Features

Nil.

3. Components of the Software

3.1 Documents Accompanying the Software

The document accompanying the software are as follows:

- Product Release Notes
- Installer Kit

Note: User Manuals and Installation Guides can be accessed from

<https://docs.oracle.com/en/industries/financial-services/banking-limits-collateral-management/index.html>

3.2 Software Components

Software Components of Oracle Banking Enterprise Limits and Collateral Management 14.7.0.0.0 that form part of this release are as follows:

- **Host**
 - UI Components (JS, XML)
 - Stored Procedures (Packages, Functions, Procedures, Triggers, Views)
- **New UI Application Server**
 - Java Sources
 - Configuration files used for deployment
- **Interface**
 - ASCII interface sources
 - Stored Procedures (Packages, Functions, Procedures, Triggers, Views)
- **Gateway**
- **Java Application Layer**
 - Java sources
 - Configuration files used for deployment
 - Messaging Layer
 - Stored Procedures (Packages, Functions, Procedures, Triggers, Views)

- **Installation Utilities**
 - Front end-based installation for host
 - Front end-based installation for Gateway backend
 - Installation documents for:
 - Oracle FLEXCUBE Installer documents
 - Gateway
- **SMS Related Components**
- **Online Help Files**

4. Annexure - A: Environment Details

Component	Deployment Option	Machine	Operating System	Software	Version Number
Oracle Banking Enterprise Limits and Collateral	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	14.1.1.0.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	1.8 Update 321
				Open Symphony Quartz	2.3.2
		Document Management System	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic	14.1.1.0.0
				JDK	1.8 Update 321
				Oracle Database (for RCU)	19.16.0.0.0
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.16.0.0.0
		Client Machines	Windows 10	Mozilla Firefox	102+
				Google Chrome	107+
				Microsoft Edge	107+
			Mac OS X	Mozilla Firefox	102+
				Safari	15+
				Google Chrome	107+
		Single Sign On Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	JDK	1.8 Update 321
				Oracle WebLogic	14.1.1.0.0

Oracle Banking Enterprise Limits and Collateral Management	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)				
	Notifications (outgoing)				
Oracle Banking Enterprise Limits and Collateral Management	Web services	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	JDK	1.8 Update 321
				Oracle WebLogic Server	14.1.1.0.0
				Oracle Toplink	14.1.1.0.0

5. Annexure - B: Third Party Software Details

For information on third party software used, refer *Oracle Banking Enterprise Limits and Collateral Release 14.7.0.0.0 License Guide*.



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