

Product Release Note
Oracle Banking Corporate Lending
Release 14.0.0.0.0
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Version 14.0.0.0.0

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
www.oracle.com/financialservices/

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Table of Contents

1. RELEASE NOTES	1-1
1.1 BACKGROUND	1-1
1.2 PURPOSE.....	1-1
1.3 ABBREVIATIONS	1-1
1.4 RELEASE HIGHLIGHTS	1-2
1.5 ENHANCEMENTS TO THE EXISTING MODULES	1-2
1.5.1 <i>Corporate Lending and ELCM Batch Integration</i>	1-2
1.5.2 <i>Accounting Handoff</i>	1-2
1.5.3 <i>Corporate Lending and OFSAA Integration</i>	1-2
1.5.4 <i>Payments integration for Loan Syndication</i>	1-3
1.5.5 <i>Revision schedules at product level</i>	1-3
2. COMPONENTS OF THE SOFTWARE	2-4
2.1 DOCUMENTS ACCOMPANYING THE SOFTWARE	2-4
2.2 SOFTWARE COMPONENTS.....	2-4
3. ANNEXURE – A: ENVIRONMENT DETAILS	3-6
3.1 TECH STACK – ORACLE.....	3-6
3.2 TECH STACK – IBM.....	3-9
4. ANNEXURE – B: THIRD PARTY SOFTWARE DETAILS.....	4-11
5. ANNEXURE – C: MODULE CODE AND DESCRIPTION.....	5-12

1. Release Notes

1.1 Background

Oracle Financial Services Software Limited has developed Oracle Banking Corporate Lending product to service a big corporate customer, for a huge value transaction in the form of loan. Oracle Banking Corporate Lending suite enables large value corporate loans and syndicated loans. It enables banks to play multitude of roles in syndication. Trading platform enables trading of syndicated loans and keeps track of position and balances of different portfolios of bank.

Bilateral Loans

Empowers financial institutions of varied sizes to offer and manage complex commercial loan products catering to large corporate and SMEs. Product manufacturing enables the bank to create innovative products, cuts down time to market and respond to competition efficiently and effectively. Rule driven delinquency handling provides better control over stressed loan assets enabling timely action.

Syndicated Loans

Empowers large multinational banks and Financial Institutions to structure complex syndicated loans under three tier architecture. Robust multi-currency, multi borrower, multi region participation support makes it easier for arrangers to structure ultra-flexible deals seamlessly. High volume processing is supported to cater to deals with thousands of participants.

Secondary Loans Trading

SLT Module tracks the trading of syndicated loans in the secondary market. It allows the booking and settlement of trades under Lead and Participated facilities. It supports Par and distressed loan trading. It also supports the Assignment and Participation (Silent) type of trades.

1.2 Purpose

The purpose of this Release Note is to highlight the enhancements in Oracle Banking Corporate Lending 14.0.0.0.0

1.3 Abbreviations

Abbreviation	Description
DDA System	System that holds the CASA account and balances
ECA	External Credit Approval
ELCM	Enterprise Limits and Collateral Management
EOD	End Of Day
FCUBS	FLEXCUBE Universal Banking System
OBCL	Oracle Banking Corporate Lending

Abbreviation	Description
OFSAA	Oracle Financial Services Analytical Applications
SLT	Secondary Loans Trading
SME	Small & Medium Sized Enterprises
SWIFT	Society for Worldwide Interbank Financial Telecommunication
UI	User Interface

For module code and description details, please refer Annexure C.

1.4 **Release Highlights**

The scope of the current release Oracle Banking Corporate Lending 14.0.0.0.0 comprises of following functional enhancements.

- Corporate Lending and ELCM Batch Integration
- Accounting Handoff
- Corporate Lending and OFSAA Integration
- Payments integration for Loan Syndication
- Revision schedule at product level

1.5 **Enhancements to the Existing Modules**

1.5.1 **Corporate Lending and ELCM Batch Integration**

In this release, batch changes are done so that the system supports ELCM request during EOD processing. If ELCM request is 'Success', then the system processes the contract. If ELCM request is 'Failure', then the system logs that contract in exception log and does not process that contract.

1.5.2 **Accounting Handoff**

In this release, batch changes are done so that system supports ECA request during EOD processing. If ECA block request is 'Success', then the system debits that account and continues with the contract processing. If the system is not able to place an ECA block on CASA, then the system logs that contract in exception log and does not process that contract. Accounting entries are handed over to DDA system along with MIS and narrative details.

1.5.3 **Corporate Lending and OFSAA Integration**

In this release, enhancement is done in Oracle Banking Corporate Lending to handoff information to OFSAA system. As part of this enhancement, handoffs are done for contract information, transactions done for a contract, repayment schedules, loan write-off details, and loan recovery details.

1.5.4 Payments integration for Loan Syndication

In this release, enhancement is done in Oracle Banking Corporate Lending to generate SWIFT message (MT103 or MT202) through Oracle Banking Payments is extended to Loan Syndication module.

1.5.5 Revision schedules at product level

In this release, a facility is provided in Oracle Banking Corporate Lending to capture the revision schedules at product level and defaulted to contract while booking the contract. You can modify the schedules at contract level.

2. Components of the Software

2.1 Documents accompanying the software

The various documents accompanying the software are as follows:

- Release Note
- Installer Kit

Note: User Manuals and Installation Guide can be accessed from

http://docs.oracle.com/cd/E92996_01/index.htm

2.2 Software Components

Software Components of Oracle Banking Corporate Lending 14.0.0.0.0 that form part of this release are as follows:

- Host
 - UI Components (JS,XML)
 - Stored Procedures (Packages, Functions, Procedures, Triggers, Views)
 - Reporting Components(Data models(xdm), Reports(xdo and rtf))
 - Process Framework components (BPEL)
- 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
 - Installer documents
 - Gateway
- SMS Related Components
- Reports
 - Stored Procedures (Packages, Functions, Procedures, Views)
 - Repositories and pre-defined Reports
- Online Help Files

3. Annexure – A: Environment Details

3.1 Tech Stack – Oracle

Component	Deployment option	Machine	Operating System	Software	Version		
Oracle Banking Corporate Lending	Stand Alone	Application Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.3.0		
				Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 151		
				Open Symphony Quartz	2.2.3		
				Oracle Toplink	12.2.1.3.0		
		Document Management System			Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
						JDK	JDK 1.8 Update 151
						Oracle Database (for RCU)	12.2.0.1.0 (R2)
						Repository Creation Utility	12.2.1.3.0
						Oracle WebCenter Content Imaging	12.2.1.3.0

		Database Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	12.2.0.1.0 (R2)
		Reporting Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
	JDK			JDK 1.8 Update 151	
	Oracle Database (for RCU)			12.2.0.1.0 (R2)	
	Repository Creation Utility			12.2.1.3.0	
	Oracle BI Publisher			12.2.1.3.0	
	Windows 7		Microsoft Internet Explorer	11.X	
			Mozilla Firefox	54+	
			Google Chrome	60+	
	Windows 8		Microsoft Internet Explorer	11.X	
			Mozilla Firefox	54+	
		Google Chrome	60+		

				Microsoft Edge	Microsoft Edge
				Mozilla Firefox	54+
			Windows 10	Google Chrome	60+
				Mozilla Firefox for Mac	54+
				Safari	Safari 9.1.1
			Mac OS X	Google Chrome	60+
				JDK	1.8 Update 144
				Oracle WebLogic Server	12.2.1.3.0
				Oracle Repository Creation Utility (RCU) - To create SOA related schemas for BPEL	12.2.1.3.0
				Oracle SOA Suite, Oracle BPM Suite	12.2.1.3.0
Oracle Banking Corporate Lending BPEL/BPMN Processes and Process Framework	Stand Alone	Application Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)		
	Web services (incoming)				
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)				
Oracle Banking Corporate Lending Integration Gateway	Notifications (outgoing)	Integration Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.3.0

3.2 Tech Stack – IBM

Deployment option	Machine	Operating System	Software	Version	
Standalone	Application Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0	
			IBM WebSphere MQ Server	9.0	
			Oracle Toplink	12.2.1.3.0	
			Open Symphony Quartz	2.3	
			Oracle WebCenter Content: Imaging	12.2.1.3.0	
	Database Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	12.2.0.1.0 (R2)	
	Client Machines	Windows 7		Microsoft Internet Explorer	11.X
				Mozilla Firefox	54+
				Google Chrome	60+
		Windows 8		Microsoft Internet Explorer	11.X
				Mozilla Firefox	54+
				Google Chrome	60+
		Windows 10		Microsoft Edge	Microsoft Edge
				Mozilla Firefox	54+
				Google Chrome	60+
Mac OS X			Mozilla Firefox for Mac	54+	
			Safari	9.1.1	
			Google Chrome	60+	

Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
HTTP Servlet (incoming)	Integration Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
EJB (incoming)	Integration Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
MDB (incoming)	Integration Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
			IBM WebSphere MQ Server	9.0
Notifications (outgoing)	Integration Server	Oracle Enterprise Linux Server 6.7 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
			IBM WebSphere MQ Server	9.0

4. Annexure – B: Third Party Software Details

Copyright Holder	Licensed Technology	Version
Apache	commons-io	2.6
Apache	Apache Commons Codec	1.11
Apache	Apache POI	3.17
QOS.ch	SLF4J (Simple Logging Façade for Java)	1.7.25
Apache	Apache Commons Transaction 1.2	1.2
Yahoo	YUI Compressor	2.4.8
Apache	Commons Collections	4.1
Terracota	Quartz Job Scheduler	2.2.3
Sean Owen	PJL Compressing Filter (Ziplet)	2.3.0
Apache	Apache XMLBeans	2.6.0
The Apache Software Foundation	Apache Commons Logging	1.2
Apache	Ant	1.10.1
Apache	Log4J	2.10.0
Apache	commons-net	3.6

5. Annexure – C: Module Code and Description

Abbreviation/ Acronym	Meaning
CO (Core)	Oracle FLEXCUBE Core
CASA	Current Account & Savings Account
OL	Oracle Lending
LB	Loan Borrower
SMS	Security Management System