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## 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Corporate Lending licensing, the components included in the license and the units that are separately licensed.

This document also provides information on the third party software that are packaged with Oracle Banking Corporate Lending.

### 1.2 Audience

This document is intended for the following audience:

- Customers
- Partners

## 1.3 <u>Documentation Accessibility</u>

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/us/corporate/accessibility/index.html.

## 1.4 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	Preface gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	Oracle Banking Corporate Lending Licensing provides information on Oracle Banking Corporate Lending licensing.
Chapter 3	Software Pre-requisites consists of the technology pre-requisites required for Oracle Banking Corporate Lending.
Chapter 4	Third Party Licenses provides information on licensing of third party software that are packaged with Oracle Banking Corporate Lending.

## 1.5 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Corporate Lending User Manuals



## 2. Oracle Banking Corporate Lending Licensing

## 2.1 Introduction

This chapter provides information on Oracle Banking Corporate Lending licensing. It contains the following sections:

- General licensing rules
- Components included in the license
- Separately licensed pre-requisite products and licensing metric
- Restricted use license

## 2.2 **General Licensing Rules**

Not applicable to Oracle Banking Corporate Lending.

## 2.3 Components Included in License

Not applicable to Oracle Banking Corporate Lending.

# 2.4 <u>Separately Licensed Pre-requisite Products and Licensing Metric</u>

The module wise list of separately licensed products and the licensing metric is given below.

For other separately licensable software pre-requisites, refer to the section Software Pre-requisites.

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle Banking Corporate	Oracle FLEXCUBE Development	\$ Million in Loan Book
Lending Bilateral Loans	Workbench	Size
Oracle Banking Corporate	Oracle FLEXCUBE Development	\$ Million in Loan
Lending Syndicated Loans	Workbench	Book Size
Oracle Banking Corporate Lending Secondary Loans Trading	Oracle FLEXCUBE Development Workbench	\$ Million in Trades

## 2.5 Restricted Use License

Oracle Platform Security Services (OPSS) 12.2.1.3.0 has been packaged within our application under RUL license.



## 3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle Banking Corporate Lending Products.

## 3.1 <u>Software Prerequisites</u>

## 3.1.1 <u>Tech Stack – Oracle</u>

Component/Deployment option	Machine	Operating System	Software	Version
		Oracle	Oracle Fusion Middleware Infrastructure	12.2.1.3.0
	Application Server	I I Inity Server I	Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 8 Update 202
		Bit)	Open Symphony Quartz	2.3.0-d56e1d0
			Oracle Toplink	12.2.1.3.0
			Oracle WebLogic	12.2.1.3.0
	Deguneant	Oracle	JDK	JDK 8 Update 202
	Document Management	Enterprise Linux Server	Oracle Database (for RCU)	18.3.0.0.0
	System	7.3 (x86 64	Repository Creation Utility	12.2.1.3.0
		Bit)	Oracle WebCenter Content Imaging	12.2.1.3.0
	Database Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	18.3.0.0.0
		Oracle	Oracle WebLogic Server	12.2.1.3.0
		Enterprise	JDK	JDK 8 Update 202
	Reporting Server	Linux Server	Oracle Database (for RCU)	18.3.0.0.0
	7.3 (x86 64		Repository Creation Utility	12.2.1.3.0
		Bit)	Oracle BI Publisher	12.2.1.4.0
			Oracle WebLogic	12.2.1.3.0
		Oracle	JDK	JDK 8 Update 202
	FLEXCUBE	Enterprise	Oracle Database (for RCU)	18.3.0.0.0
	Information	Linux Server	Repository Creation Utility	12.2.1.3.0
	Server	7.3 (x86 64 Bit)	Oracle Business Intelligence Enterprise Edition (OBIEE)	12.2.1.4.0
Oracle Banking Corporate	Client Machines	Windows 7	Microsoft Internet Explorer	11.X
Lending - Stand Alone			Mozilla Firefox	60+



			Google Chrome	73+
			Microsoft Internet Explorer	11.X
		Windows 8	Mozilla Firefox	60+
			Google Chrome	73+
		Windows	Microsoft Edge	Microsoft Edge (40+)
		10	Mozilla Firefox	60+
			Google Chrome	73+
		Mac OS X	Safari	Safari 11+
			Google Chrome	73+
			JDK	JDK 8 Update 202
			Oracle WebLogic	12.2.1.3.0
			Repository Creation Utility	12.2.1.3.0
		Oracle Enterprise	Oracle Identity Management (OID)	12.2.1.3.0
	Single Sign On Server	Linux Server 7.3 (x86 64	Oracle Service-Oriented Architecture (SOA)	12.2.1.3.0
		Bit)	Oracle Identity And Access Management	12.2.1.3.0
			Oracle Webtier Utilities	12.2.1.3.0
			Oracle Webgate	12.2.1.3.0
			OID Connector	12.2.1.3.0
			JDK	JDK 8 Update 202
			Oracle WebLogic Server	12.2.1.3.0
		Oracle	Oracle Repository Creation Utility (RCU) - To create SOA related schemas for BPEL	12.2.1.3.0
Oracle Banking Corporate Lending BPEL/BPMN Processes and Process Framework - Stand Alone	Application Server	Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle SOA Suite, Oracle BPM Suite	12.2.1.3.0



Oracle Banking Corporate Lending Integration Gateway 1. Web services (incoming) 2. HTTP Servlet (incoming) 3. EJB (incoming) 4. MDB (incoming) 5. Notifications (outgoing)	Integration Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.3.0
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## 3.1.2 Tech Stack – IBM

Component/Deployment option	Machine	Operating System	Software	Version
			IBM WebSphere Application Server with inbuilt JVM (IBM JDK	0.0
	Application Server	Oracle Enterprise Linux Server 7.3	1.8_64) IBM WebSphere MQ Server	9.0
		(x86 64 Bit)	Oracle Toplink Open Symphony Quartz	12.2.1.3.0 2.3.1- 9f9e400
			Oracle WebCenter Content: Imaging	12.2.1.3.0
	Database Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	18.3.0.0.0
		Windows 7	Microsoft Internet Explorer	11.X
			Mozilla Firefox Google Chrome	60+ 73+
			Microsoft Internet Explorer	11.X
		Windows 8	Mozilla Firefox	60+
	Client Machines		Google Chrome	73+
			Microsoft Edge	Microsoft Edge (40+)
		Windows 10	Mozilla Firefox	60+
			Google Chrome	73+
Oracle Banking Corporate		Mac OS X	Safari	Safari 11+
Lending - Standalone			Google Chrome	73+



Oracle Banking Corporate Lending Integration Gateway - Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM ( IBM JDK 1.8_64)	9.0
Oracle Banking Corporate Lending Integration Gateway - HTTP Servlet (incoming)	Integration Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
Oracle Banking Corporate Lending Integration Gateway - EJB (incoming)	Integration Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
Oracle Banking Corporate Lending Integration Gateway - MDB		Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64) IBM WebSphere MQ	9.0
(incoming)	Integration Server		Server	9.0
Oracle Banking Corporate Lending Integration		Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0
Gateway - Notifications (outgoing)	Integration Server	(۸۵۵ ۵4 ۵۱۱)	IBM WebSphere MQ Server	9.0

## 3.2 <u>Module-wise Software Prerequisites</u>

Product Name	Product Version	Requirements
Oracle Fusion Middleware Infrastructure	12.2.1.3.0	Optional - Oracle Banking Corporate Lending and Oracle Banking Corporate Lending Integration Gateway supports both Oracle WebLogic Server and WebSphere.
Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 8 Update 202	Optional - Oracle Banking Corporate Lending and Oracle Banking Corporate Lending Integration Gateway on WebLogic.
Open Symphony Quartz	2.3.0-d56e1d0	Standard Requirement



Oracle Toplink	12.2.1.3.0	Optional - Required only if a limit tracking is required.
Oracle WebCenter Content Imaging	12.2.1.3.0	Optional - Required only if Document Management System integration is required. Refer to section 3.1.1 (Document Management System)
Oracle RDBMS Enterprise Edition	18.3.0.0.0	Standard Requirement
Oracle BI Publisher	12.2.1.4.0	Standard requirement. Refer to section 3.1.1 (Reporting Server)
Oracle SOA Suite, Oracle BPM Suite	12.2.1.3.0	Optional - Required for Corporate Loan workflow process. Refer to section 3.1.1 (BPEL/BPMN Processes and Process Framework)
IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0	Optional - Oracle Banking Corporate Lending and Oracle Banking Corporate Lending Integration Gateway support both WebLogic and WebSphere



IBM WebSphere MQ Server	9.0	Optional - Oracle Banking Corporate Lending and Oracle Banking Corporate Lending Integration Gateway on WebSphere
Oracle WebLogic Server	12.2.1.3.0	Optional- Required if Single Sign On is required. Refer to section 3.1.1 section for dependent software.
Oracle Java Runtime Environment	JRE 8.0.181	Optional- Required if Single Sign On is required. Refer to section 3.1.1 for dependent software.
Oracle Identity Management (OID)	12.2.1.3.0	Optional - Required if Single Sign On is required. Refer to section 3.1.1 for dependent software (Single Sign On Server).
Oracle Identity And Access Management	12.2.1.3.0	Optional - Required if Single Sign On is required. Refer to section 3.1.1 for dependent software (Single Sign On Server).



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## 4.1 Introduction

This chapter provides information on licensing of third party software that is packaged with this product. It contains the following sections:

- o Apache License 2.0
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- MIT License
- Third Party Libraries

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

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