

License Guide  
Oracle Banking Corporate Lending  
Release 14.2.0.0.0  
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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 Documentation Accessibility

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	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	<i>Oracle Banking Corporate Lending Licensing</i> provides information on Oracle Banking Corporate Lending licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for Oracle Banking Corporate Lending.
Chapter 4	<i>Third Party Licenses</i> 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

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## 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 Separately Licensed Pre-requisite Products and Licensing Metric

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 Lending Bilateral Loans	Oracle FLEXCUBE Development Workbench	\$ Million in Loan Book Size
Oracle Banking Corporate Lending Syndicated Loans	Oracle FLEXCUBE Development Workbench	\$ Million in Loan Book Size
Oracle Banking Corporate Lending Secondary Loans Trading	Oracle FLEXCUBE Development Workbench	\$ Million in Trades

### 2.5 Restricted Use License

Not applicable to Oracle Banking Corporate Lending.

## 3. Software Prerequisites

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

### 3.1 Software Prerequisites

#### 3.1.1 Tech Stack – Oracle

Component/Deployment option	Machine	Operating System	Software	Version
Oracle Banking Corporate Lending Integration Gateway - Stand Alone	Application Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.3.0
			Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 181
			Open Symphony Quartz	2.3.1-9f9e400
			Oracle Toplink	12.2.1.3.0
	Document Management System	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
			JDK	JDK 1.8 Update 181
			Oracle Database (for RCU)	18.3.0.0.0
			Repository Creation Utility	12.2.1.3.0
			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
	Reporting Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
			JDK	JDK 1.8 Update 181
			Oracle Database (for RCU)	18.3.0.0.0
			Repository Creation Utility	12.2.1.4.0
			Oracle BI Publisher	12.2.1.4.0
	FLEXCUBE Information Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
			JDK	JDK 1.8 Update 181
			Oracle Database (for RCU)	18.3.0.0.0
			Repository Creation Utility	12.2.1.4.0

			Oracle Business Intelligence Enterprise Edition (OBIEE)	12.2.1.4.0	
	Client Machines	Windows 7	Microsoft Internet Explorer	11.X	
			Mozilla Firefox	60+	
			Google Chrome	70+	
		Windows 8	Microsoft Internet Explorer	11.*	
			Mozilla Firefox	62.*	
			Google Chrome	69.*	
		Windows 10	Microsoft Edge	40.*	
			Mozilla Firefox	62.*	
			Google Chrome	69.*	
		Mac OS X	Mozilla Firefox for Mac	62.*	
			Safari	11.*	
			Google Chrome	69.*	
		Single Sign On Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	JDK	JDK 1.8 Update 181
				Oracle WebLogic	12.2.1.3.0
	Repository Creation Utility			12.2.1.3.0	
	Oracle Identity Management (OID)			12.2.1.3.0	
	Oracle SOA			12.2.1.3.0	
	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	
Oracle Banking Corporate Lending BPEL/BPMN Processes and Process Framework - Stand Alone	Application Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	JDK	1.8 Update 181	
			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 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

### 3.1.2 Tech Stack – IBM

Component/Deployment option	Machine	Operating System	Software	Version	
Oracle Banking Corporate Lending - Standalone	Application Server	Oracle Enterprise Linux Server 7.3 (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	2.3.1-9f9e400	
			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	
	Client Machines	Windows 7	Windows 7	Microsoft Internet Explorer	11.*
				Mozilla Firefox	62.*
				Google Chrome	69.*
		Windows 8	Windows 8	Microsoft Internet Explorer	11.*



			Mozilla Firefox	62.*
			Google Chrome	69.*
		Windows 10	Microsoft Edge	40.*
			Mozilla Firefox	62.*
		Mac OS X	Google Chrome	69.*
			Mozilla Firefox for Mac	62.*
			Safari	11.*
			Google Chrome	69.*
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 (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
			IBM WebSphere MQ Server	9.0
Oracle Banking Corporate Lending Integration Gateway - Notifications (outgoing)	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
			IBM WebSphere MQ Server	9.0

## 3.2 Module-wise Software Prerequisites

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 1.8 Update 181	Optional - Oracle Banking Corporate Lending and Oracle Banking Corporate Lending Integration Gateway on WebLogic.
Open Symphony Quartz	2.3.1-9f9e400	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. Third Party Licenses

### 4.1 Introduction

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

- Apache License 2.0
- BSD-Style License
- MIT License
- Third Party Libraries

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

## Licensing

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## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

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Additionally, this software contains modified versions of the following component files from the Rhino Library:

[org/mozilla/javascript/Decompiler.java]

[org/mozilla/javascript/Parser.java]

[org/mozilla/javascript/Token.java]

[org/mozilla/javascript/TokenStream.java]

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