

License Guide  
Oracle Banking Corporate  
Lending Release 14.5.4.0.0  
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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

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 Software Prerequisites

#### 3.1.1 Tech Stack – Oracle

| Component                        | Deployment option       | Machine                                                                                                                           | Operating System                                | Software                                                | Version Number |
|----------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|----------------|
| Oracle Banking Corporate Lending | UI-Host and Centralized | Application Server                                                                                                                | Oracle Enterprise Linux Server 8.3 (x86 64 Bit) | Oracle Fusion Middleware Infrastructure                 | 12.2.1.4.0     |
|                                  |                         |                                                                                                                                   |                                                 | Java HotSpot(TM) JDK (with WebLogic Application Server) | 1.8 Update 281 |
|                                  |                         |                                                                                                                                   |                                                 | Open Symphony Quartz                                    | 2.3.2          |
|                                  |                         |                                                                                                                                   |                                                 | Oracle Toplink                                          | 12.2.1.4.0     |
|                                  |                         | Database Server                                                                                                                   | Oracle Enterprise Linux Server 8.3 (x86 64 Bit) | Oracle RDBMS Enterprise Edition                         | 19.10.0.0.0    |
|                                  |                         | Reporting Server                                                                                                                  | Oracle Enterprise Linux Server 8.3 (x86 64 Bit) | Oracle WebLogic                                         | 12.2.1.4.0     |
|                                  |                         |                                                                                                                                   |                                                 | JDK                                                     | 1.8 Update 281 |
|                                  |                         |                                                                                                                                   |                                                 | Oracle Analytical Server (Oracle BI Publisher)          | 5.9.0          |
|                                  |                         | Client Machines Important - Browser Support is strictly tied to the Browser itself , and no longer based on the Operating System. | Windows 10                                      | Mozilla Firefox                                         | 87+            |
|                                  |                         |                                                                                                                                   |                                                 | Google Chrome                                           | 88+            |
|                                  |                         |                                                                                                                                   |                                                 | Microsoft Edge                                          | 89+            |
|                                  |                         |                                                                                                                                   | Mac OS X                                        | Mozilla Firefox                                         | 87+            |
|                                  |                         |                                                                                                                                   |                                                 | Apple Safari                                            | 14+            |
|                                  |                         |                                                                                                                                   |                                                 | Google Chrome                                           | 88+            |

|                                                      |                          |                       |                                                 |                                       |                |
|------------------------------------------------------|--------------------------|-----------------------|-------------------------------------------------|---------------------------------------|----------------|
|                                                      |                          | Single Sign On Server | Oracle Enterprise Linux Server 8.3 (x86 64 Bit) | JDK                                   | 1.8 Update 281 |
|                                                      |                          |                       |                                                 | Oracle WebLogic                       | 12.2.1.4.0     |
|                                                      |                          |                       |                                                 | Repository Creation Utility           | 12.2.1.4.0     |
|                                                      |                          |                       |                                                 | Oracle Identity Management            | 12.2.1.4.0     |
|                                                      |                          |                       |                                                 | Oracle Identity And Access Management | 12.2.1.4.0     |
|                                                      |                          |                       |                                                 | Oracle Webtier Utilities              | 12.2.1.4.0     |
|                                                      |                          |                       |                                                 | Oracle Webgate                        | 12.2.1.4.0     |
| Oracle Banking Corporate Lending Integration Gateway | Web services (incoming)  | Integration Server    | Oracle Enterprise Linux Server 8.3 (x86 64 Bit) | Oracle WebLogic Server                | 12.2.1.4.0     |
|                                                      | HTTP Servlet (incoming)  |                       |                                                 |                                       |                |
|                                                      | EJB (incoming)           |                       |                                                 |                                       |                |
|                                                      | MDB (incoming)           |                       |                                                 |                                       |                |
|                                                      | Notifications (outgoing) |                       |                                                 |                                       |                |
| Oracle Banking Corporate Lending REST                | Web services             | Integration Server    | Oracle Enterprise Linux Server 8.3 (x86 64 Bit) | JDK                                   | 1.8 Update 281 |
|                                                      |                          |                       |                                                 | Oracle WebLogic Server                | 12.2.1.4.0     |
|                                                      |                          |                       |                                                 | Oracle Toplink                        | 12.2.1.4.0     |

## 3.2 Module-wise Software Prerequisites

| Product Name                                            | Product Version    | Requirements                                                                                                                         |
|---------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Fusion Middleware Infrastructure                 | 12.2.1.4.0         | Optional - Oracle Banking Corporate Lending and Oracle Banking Corporate Lending Integration Gateway supports Oracle WebLogic Server |
| Java HotSpot(TM) JDK (with WebLogic Application Server) | JDK 1.8 Update 281 | Optional - Oracle Banking Corporate Lending and Oracle Banking Corporate Lending Integration Gateway on WebLogic.                    |
| Open Symphony Quartz                                    | 2.3.2              | Standard Requirement                                                                                                                 |
| Oracle Toplink                                          | 12.2.1.4.0         | Optional - Required only if a limit tracking is required.                                                                            |
| Oracle WebCenter Content Imaging                        | 12.2.1.4.0         | Optional - Required only if Document Management System integration is required. Refer to section 3.1.1 (Document Management System)  |
| Oracle RDBMS Enterprise Edition                         | 19.10.0.0.0        | 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                      | 12.2.1.4.0         | Optional - Required for Corporate Loan workflow process. Refer to section 3.1.1 (BPEL/BPMN Processes and Process Framework)          |

|                                       |             |                                                                                                                           |
|---------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------|
| Oracle WebLogic Server                | 12.2.1.4.0  | 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)      | 12.2.1.4.0  | 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 | 12.2.1.4.0  | 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 this product. It contains the following sections:

- Apache License 2.0
- MIT License
- Third Party Libraries

### 4.2 Apache License 2.0

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Apache Ant

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Version 2.0, January 2004

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#### **jackson-databind 2.12.1**

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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.

-----jackson-core 2.12.1 -----

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## SWAGGER MODULES

swagger-annotations

swagger-core

swagger-models

---

4th Party dependencies:

commons-lang3

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---

slf4j-api

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jackson-annotations

jackson-core

jackson-databind

jackson-dataformats-text

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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.

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guava

Source URL: <https://github.com/google/guava/tree/v28.1/guava>

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-----  
reflections

Source URL: <https://github.com/ronmamo/reflections/tree/0.9.11>

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## 4.3 **MIT License**

Simple Logging Facade for Java (SLF4J) 1.7.29

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Closure Compiler 20200112

Top Level Component : closure-compiler v20200112

Top Level Component License : Apache 2.0

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