

License Guide
Oracle Banking Enterprise Limits and Collateral Management
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1. Preface

1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Enterprise Limits and Collateral Management 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 Enterprise Limits and Collateral Management.

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 Enterprise Limits and Collateral Management Licensing</i> provides information on Oracle Banking Enterprise Limits and Collateral Management licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for Oracle Banking Enterprise Limits and Collateral Management.
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software that are packaged with Oracle Banking Enterprise Limits and Collateral Management.

1.5 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Enterprise Limits and Collateral Management User Manuals

2. Oracle Banking Enterprise Limits and Collateral Management Licensing

2.1 Introduction

This chapter provides information on Oracle Banking Enterprise Limits and Collateral Management 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 Enterprise Limits and Collateral Management.

2.3 Components Included in License

See section 2.5

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 Enterprise Limits Management	Oracle FLEXCUBE Development Workbench	\$ Million in Collaterals or Limits Under Management
Oracle Banking Enterprise Collateral Management	Oracle FLEXCUBE Development Workbench	\$ Million in Collaterals or Limits Under Management
Oracle FLEXCUBE Information Server Data Mart for Enterprise Limits and Collateral Management	Oracle Banking Enterprise Limits and Collateral Management	\$ Million in Collaterals or Limits Under Management

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Not applicable to Oracle Banking Enterprise Limits and Collateral Management.

3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle Banking Enterprise Limits and Collateral Management Products.

3.1 Software Prerequisites

3.1.1 Tech Stack – Oracle

Component	Machine	Operating System	Software	Version Number
Oracle Banking Enterprise Limits and Collateral Management	Application Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
			Java HotSpot(TM) JDK (with WebLogic Application Server)	1.8 Update 241
			Open Symphony Quartz	2.3.2
			Oracle Toplink	12.2.1.4.0
	Database Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.6.0.0.0
	Reporting Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
			JDK	1.8 Update 241
			Oracle Analytics Server (Oracle BI Publisher)	5.5.0
	Client Machines Important - Browser Support is strictly tied to the Browser itself , and no longer based on the Operating System.	Windows 10	Internet Explorer	11+
			Mozilla Firefox	66+
			Google Chrome	73+
			Microsoft Edge	44+
		Mac OS X	Safari	12+
			Google Chrome	73+
	Single Sign On Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	JDK	1.8 Update 241
			Oracle WebLogic Server	12.2.1.4.0
			Repository Creation Utility	12.2.1.4.0
Oracle Identity Management			12.2.1.4.0	

			Oracle SOA	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 Enterprise Limits and Collateral Management 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 7.6 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
Oracle Banking Enterprise Limits and Collateral Management REST- Web services	Integration Server	Oracle Enterprise Linux Server 7.6(x86 64 Bit)	JDK	1.8 Update 241
			Oracle WebLogic Server	12.2.1.4.0
			Oracle Toplink	12.2.1.4.0

3.1.2 Tech Stack – IBM

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Enterprise Limits and Collateral Management	Standalone	Application Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.0
				IBM WebSphere MQ Server	9.0.0.0
				Open Symphony Quartz	2.3.2
		Database Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.6.0.0.0
		Client Machines Important - Browser Support is strictly tied to the Browser itself , and no longer based on the Operating System.	Windows 10	Internet Explorer	11+
				Mozilla Firefox	66+
				Google Chrome	73+
				Microsoft Edge	44+
			Mac OS X	Safari	12+
				Google Chrome	73+

				Mozilla Firefox	Mozilla Firefox for Mac (62+)
Oracle Banking Enterprise Limits and Collateral Management Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.0
	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)	9.0.0.0
	EJB (incoming)	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.0
	MDB (incoming)	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.0
				IBM WebSphere MQ Server	9.0.0.0
	Notifications (outgoing)	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.0
				IBM WebSphere MQ Server	9.0.0.0
	Oracle Banking Enterprise Limits and Collateral Management REST	Web services	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)
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 Enterprise Limits and Collateral Management and Oracle Banking Enterprise Limits and Collateral Management Integration Gateway supports both Oracle WebLogic Server and WebSphere.
Java HotSpot(TM) JDK (with WebLogic Application Server)	1.8 Update 241	Optional - Oracle Banking Enterprise Limits and Collateral Management and Oracle Banking Enterprise Limits and Collateral Management 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.
Oracle RDBMS Enterprise Edition	19.6.0.0.0	Standard Requirement
Oracle BI Publisher	12.2.1.4.0	Standard requirement. Refer to section 3.1.1 for dependent software (Reporting Server).
Oracle Business Intelligence Enterprise Edition (OBIEE)	12.2.1.4.0	Optional - Required only if Oracle FLEXCUBE Information Server is installed or if metadata repository based adhoc reporting is needed. Refer to section 3.1.1 for dependent software (FLEXCUBE Information Server -Analytics).
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).

Oracle SOA Suite, Oracle BPM Suite	12.2.1.4.0	Optional - Required for Corporate Loan workflow process. Refer to section 3.1.1 for related software (BPEL/BPMN Processes and Process Framework).
Oracle SOA Suite, Oracle BPM Suite	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).
IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0	Optional - Oracle Banking Enterprise Limits and Collateral Management and Oracle FLEXCUBE Enterprise Limits and Collateral Management Integration Gateway support both WebLogic and WebSphere
IBM WebSphere MQ Server	9.0	Optional - Oracle Banking Enterprise Limits and Collateral Management and Oracle Banking Enterprise Limits and Collateral Management Integration Gateway on WebSphere
Oracle WebLogic Server	12.2.1.4.0	Optional- Required if Single Sign On is required. Refer to section 3.1.1 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.

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
- BSD 2-clause or 3-clause
- MIT License
- Third Party Libraries

4.2 Apache License 2.0

Apache Ant

Apache Ant

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

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-----jackson-core 2.10.1 -----

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swagger-models

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guava

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

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Simple Logging Facade for Java (SLF4J) 1.7.29

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d3-voronoi	BSD-3-Clause
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