

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

1.1 Introduction

This document helps you understand the guiding rules for Oracle FLEXCUBE 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 FLEXCUBE 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/pls/topic/lookup?ctx=acc&id=docacc>.

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 FLEXCUBE Enterprise Limits and Collateral Management Licensing</i> provides information on Oracle FLEXCUBE Enterprise Limits and Collateral Management Licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for Oracle FLEXCUBE 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 FLEXCUBE Enterprise Limits and Collateral Management.

1.5 Related Documents

For more information, refer to the following documents:

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

2. Oracle FLEXCUBE Enterprise Limits and Collateral Management Licensing

2.1 Introduction

This chapter provides information on Oracle FLEXCUBE 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 FLEXCUBE 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 FLEXCUBE Enterprise Limits and 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 FLEXCUBE Enterprise Limits and Collateral Management	\$ Million in Collaterals or Limits Under Management
Oracle FLEXCUBE Enterprise Credit Lines Origination	Oracle FLEXCUBE Development Workbench	Application User

2.5 **Restricted Use License**

Not applicable to Oracle FLEXCUBE Enterprise Limits and Collateral Management.

3. Software Prerequisites

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

3.1 Software Prerequisites

3.1.1 Tech Stack – Oracle

Component/Deployment option	Machine	Operating System	Software	Version	Remarks
Oracle FLEXCUBE Enterprise Limits and Collateral Management - 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 171	
			Open Symphony Quartz	2.3.1	
			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 171	
			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	As per SOD we are using Webcenter Content Imaging11.1.1.9.0 (Ref : https://support.oracle.com/epmos/faces/DocumentDisplay?_afLoop=436533409718226&parent=WIDGET_RECENTLY_VIEWED&sourceId=&id=2064485.1&_afWindowMode=0&_adf.ctrl-state=153v7g2erg_139)

Database Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	12.2.0.1.0 (R2)	
Reporting Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0	
		JDK	JDK 1.8 Update 171	
		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	
FLEXCUBE Information Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0	
		JDK	JDK 1.8 Update 171	
		Oracle Database (for RCU)	12.2.0.1.0 (R2)	
		Repository Creation Utility	12.2.1.3.0	
		Oracle Business Intelligence Enterprise Edition (OBIEE)	12.2.1.3.0	
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	Safari 9.1.1	
		Google Chrome	60+	

	Single Sign On Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	JDK	JDK 1.8 Update 171	
			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	11.1.1.6.0 (Bundled within Oracle Identity and Access Management 11.1.2.3.0)
Oracle FLEXCUBE Enterprise Limits and Collateral Management BPEL/BPMN Processes and Process Framework Stand Alone	Application Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	JDK	1.8 Update 171	
			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 FLEXCUBE Enterprise Limits and Collateral Management Integration Gateway 1. Web services (incoming) 2. HTTP Servlet (incoming) 3. Gateway EJB (incoming) 4. Gateway 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
Oracle FLEXCUBE Enterprise Limits and Collateral Management - 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
			Oracle WebCenter Content: Imaging	12.2.1.3.0
	Database Server	Oracle Enterprise Linux Server 7.3 (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+			
Oracle FLEXCUBE Enterprise Limits and Collateral Management 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 FLEXCUBE Enterprise Limits and Collateral Management 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 FLEXCUBE Enterprise Limits and Collateral Management 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 FLEXCUBE Enterprise Limits and Collateral Management 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 FLEXCUBE Enterprise Limits and Collateral Management 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 FLEXCUBE Enterprise Limits and Collateral Management and Oracle FLEXCUBE Enterprise Limits and Collateral Management Integration Gateway supports both Oracle WebLogic Server and WebSphere.
Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 171	Optional - Oracle FLEXCUBE Enterprise Limits and Collateral Management and Oracle FLEXCUBE Enterprise Limits and Collateral Management Integration Gateway on WebLogic.
Open Symphony Quartz	2.3.1	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 for other related software (Document Management System).
Oracle RDBMS Enterprise Edition	12.2.0.1.0 (R2)	Standard Requirement
Oracle BI Publisher	12.2.1.3.0	Standard requirement. Refer to section 3.1.1 for dependent software (Reporting Server).
Oracle Business Intelligence Enterprise Edition (OBIEE)	12.2.1.3.0	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)	12.2.1.3.0	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).

Oracle SOA Suite, Oracle BPM Suite	12.2.1.3.0	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	12.2.1.3.0	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 FLEXCUBE 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 FLEXCUBE Enterprise Limits and Collateral Management and Oracle FLEXCUBE Enterprise Limits and Collateral Management Integration Gateway on WebSphere

4. Third Party Licenses

4.1 Introduction

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

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

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Simple Logging Façade for Java (SLF4J) 1.7.25

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