

License Guide  
Oracle Banking Treasury Management  
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# 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Treasury 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 Treasury 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	Oracle Banking Treasury Management <i>Licensing</i> provides information on Oracle Banking Treasury Management licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for Oracle Banking Treasury Management.
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software that are packaged with Oracle Banking Treasury Management.

## 1.5 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Treasury Management User Manuals

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## 2. Oracle Banking Treasury Management Licensing

### 2.1 Introduction

This chapter provides information on Oracle Banking Treasury 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 Treasury 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 Treasury Management	Oracle FLEXCUBE Development Workbench	\$Million in Total Assets

### 2.5 Restricted Use License

Not applicable to Oracle Banking Treasury Management.

## 3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle Banking Treasury Management Products.

### 3.1 Software Prerequisites

#### 3.1.1 Tech Stack – Oracle

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Treasury Management	UI-Host and Centralized	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)	JDK 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
				OpenJDK Runtime Environment	1.8 Update 241
				Oracle Analytics Server	5.5.0
			Windows 10	Internet Explorer	11+
				Mozilla Firefox	66+
				Google Chrome	73+
				Microsoft Edge	44+
			Mac OS X	Mozilla Firefox	Mozilla Firefox for Mac (62+)
		Safari		12+	

				Google Chrome	73+
		Single Sign On Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	OpenJDK Runtime Environment	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 Web tier Utilities	12.2.1.4.0
				Oracle Web gate	12.2.1.4.0
Oracle Banking Treasury Management Gateway	Web services (incoming)			Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)				
	Notifications (outgoing)				

### 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. Refer to section 3.1.1 for other related software (Document Management System).
Oracle RDBMS Enterprise Edition	19.6.0.0.0	Standard Requirement
Oracle Analytics Server (OAS)	5.5.0	Standard requirement. Refer to section 3.1.1 for dependent software (Reporting Server).
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 8.0.241	Optional- Required if Single Sign On is required. Refer to section 3.1.1 for dependent software.

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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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bouncycastle v1.61 (optional)

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slf4j, v1.7.26,

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tomcat-apr, v5.5.23 (optional)

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### **jackson-databind 2.10.1**

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swagger-annotations

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swagger-models

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4th Party dependencies:

commons-lang3

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Simple Logging Facade for Java (SLF4J) 1.7.29

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