

# Oracle® Banking Treasury Management

## Licensing Guide- License Subscription



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ORACLE®

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# Preface

This topic contains following sub-topics:

- [Introduction](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Related Documents](#)
- [Conventions](#)
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- [Abbreviations and Acronyms](#)

## Introduction

This document guides you for understanding the rules of 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 packaged along with Oracle Banking Treasury Management.

## Audience

This document is intended for the following audience:

- Customers
- Partners

## 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>.

### **Access to Oracle Support**

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

## Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches](#), [Security Alerts](#) and

**Bulletins.** All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Related Documents

For more information, refer to the following documents.

- *Oracle Banking Treasury Management Installation Guides*
- *Oracle Banking Treasury Management User Guide*

## Conventions

The following text conventions are used in this document:

| Convention             | Meaning                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>boldface</b>        | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.         |
| <i>italic</i>          | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.                          |
| <code>monospace</code> | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

## Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

## Abbreviations and Acronyms

The list of the acronyms and abbreviations that are used in this guide are as follows:

**Table 1 Acronyms and Abbreviations**

| Abbreviation | Description                        |
|--------------|------------------------------------|
| EJB          | Enterprise Java Bean               |
| HTTPS        | Hypertext Transfer Protocol secure |
| JDK          | Java Development Kit               |
| MDB          | Multidimensional Database          |

**Table 1 (Cont.) Acronyms and Abbreviations**

| Abbreviation | Description                           |
|--------------|---------------------------------------|
| OBTR         | Oracle Banking Treasury Management    |
| OJET         | Oracle JavaScript Extension Toolkit   |
| RDMS         | Relational Database Management System |
| SSO          | Single Sign On                        |
| UI           | User Interface                        |

# 1

## Oracle Banking Treasury Management Licensing Subscription Licensing

### Introduction

This chapter provides information on Oracle Banking Treasury Management Subscription 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

### General Licensing Rules

Not applicable to Oracle Banking Treasury Management License Subscription.

### Components Included in License

Not applicable to Oracle Banking Treasury Management License Subscription.

### 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.

**Table 1-1 Separately Licensed Pre-requisite**

| Module Description                 | Separately Licensed Prerequisites | Licensing Metric(s)   |
|------------------------------------|-----------------------------------|-----------------------|
| Oracle Banking Treasury Management | Not Applicable                    | \$M in Loan Book Size |

### Restricted Use License

Not applicable to Oracle Banking Treasury Management.

# 2

## Environmental Details

### Tech Stack – Oracle

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

**Table 2-1 Tech Stack – Oracle Banking Treasury Management**

| Component                                   | Deployment Option                       | Machine            | Operating System                     | Software                                                 | Version Number |
|---------------------------------------------|-----------------------------------------|--------------------|--------------------------------------|----------------------------------------------------------|----------------|
| Oracle Banking Treasury Management          | UI-Host and Centralized                 | Application Server | Oracle Linux Server 8.3 (x86 64 Bit) | Oracle Fusion Middleware Infrastructure                  | 14.1.1.0.0     |
| Oracle Banking Treasury Management          | UI-Host and Centralized                 | Application Server | Oracle Linux Server 8.3 (x86 64 Bit) | Java HotSpot (TM) JDK (with WebLogic Application Server) | JDK 11.0.16    |
| Oracle Banking Treasury Management          | UI-Host and Centralized                 | Database Server    | Oracle Linux Server 8.3 (x86 64 Bit) | Oracle RDBMS Enterprise Edition                          | 19.18.0.0.0    |
| Oracle Banking Treasury Integration Gateway | Web services (incoming)                 | Integration Server | Oracle Linux Server 8.3 (x86 64 Bit) | Oracle WebLogic Server                                   | 14.1.1.0.0     |
| Oracle Banking Treasury Integration Gateway | HTTP Servlet (incoming)                 | Integration Server | Oracle Linux Server 8.3 (x86 64 Bit) | Oracle WebLogic Server                                   | 14.1.1.0.0     |
| Oracle Banking Treasury Integration Gateway | EJB (incoming)                          | Integration Server | Oracle Linux Server 8.3 (x86 64 Bit) | Oracle WebLogic Server                                   | 14.1.1.0.0     |
| Oracle Banking Treasury Integration Gateway | MDB (incoming) Notifications (outgoing) | Integration Server | Oracle Linux Server 8.3 (x86 64 Bit) | Oracle WebLogic Server                                   | 14.1.1.0.0     |



#### Note:

Browser support is no longer based on Operating Systems. But strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS X.

**Note:**

Client Machines# For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at [https:// www.oracle.com/middleware/technologies/ browser-policy.html](https://www.oracle.com/middleware/technologies/browser-policy.html)

**Note:**

Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.

- Software Prerequisites

## 2.1 Software Prerequisites

**Table 2-2 Module-wise Software Prerequisites**

| Product Name                                             | Product Version | Requirements Oracle                                                                                                                                          |
|----------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Weblogic Server                                   | 14.1.1.0.0      | Optional - Oracle Banking Treasury Management and Oracle Banking Treasury Management Integration Gateway supports both Oracle WebLogic Server and WebSphere. |
| Java HotSpot (TM) JDK (with WebLogic Application Server) | JDK 11.0.16     | Optional - Oracle Banking Treasury Management and Oracle Banking Treasury Management Integration Gateway on WebLogic.                                        |
| 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                          | 19.18.0.0.0     | 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)                                  |

**Table 2-2 (Cont.) Module-wise Software Prerequisites**

| Product Name                                                       | Product Version | Requirements Oracle                                                                                                                          |
|--------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64) | 9.0             | Optional - Oracle Banking Treasury Management and Oracle Banking Treasury Management Integration Gateway support both WebLogic and WebSphere |
| IBM WebSphere MQ Server                                            | 9.0             | Optional - Oracle Banking Treasury Management and Oracle Banking Treasury Management Integration Gateway on WebSphere                        |
| Oracle WebLogic Server                                             | 14.1.1.0.0      | Optional- Required if Single Sign On is required. Refer to section 3.1.1 section for dependent software.                                     |
| Oracle Java Runtime Environment                                    | JRE 8.0.321     | 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).                    |

# 3

## Third Party Licenses

This topic provides information on licensing of third party software that are packaged with Oracle Banking Treasury Management.

This topic contains following sub-topics.

- [Third Party License Details](#)
- [Third Party Libraries](#)

### 3.1 Third Party License Details

For more details on Oracle Banking Treasury Management third-party license details refer the following link [Oracle Banking Treasury Management Third Party Licenses](#).

### 3.2 Third Party Libraries

This topic provides details of the libraries that use the following third party software.

#### Apache 2.0

The following libraries include software developed by The Apache Software Foundation (<http://www.apache.org/>).

**Table 3-1 Apache 2.0**

| Copyright Holder   | Licensed Technology | Version      |
|--------------------|---------------------|--------------|
| QOS.ch             | slf4j-api           | 1.7.36       |
| jsoup.org          | jsoup               | 1.15.3       |
| jsonwebtoken.io    | jjwt                | 0.11.2       |
| Codehaus           | Jettison            | 1.5.0        |
| Codehaus           | Jettison            | 1.5.4        |
| SmartBear Software | swagger-jaxrs       | 1.6.5        |
| SmartBear Software | swagger-annotations | 1.6.5        |
| SmartBear Software | swagger-models      | 1.6.5        |
| SmartBear Software | Swagger Core        | 1.6.5        |
| Apache             | Commons Codec       | 1.15-744c1c9 |
| Apache             | Commons IO          | 2.11.0       |
| Apache             | POI                 | 5.2.0        |
| Apache             | Commons Net         | 3.9.0        |
| Apache             | Commons Collections | 4.4-83acfd3  |
| Apache             | Commons-logging     | 1.2-1e55e8f  |
| Apache             | Ant                 | 1.10.12      |
| Apache             | log4j-1.2-api       | 2.17.1       |
| Apache             | log4j-core          | 2.17.1       |

**Table 3-1 (Cont.) Apache 2.0**

| Copyright Holder             | Licensed Technology                | Version       |
|------------------------------|------------------------------------|---------------|
| Apache                       | log4j-api                          | 2.17.1        |
| Apache                       | Commons Lang                       | 3.12.0        |
| Apache                       | sshd-sftp                          | 2.8.0         |
| Apache                       | Mina SSHD-core                     | 2.8.0         |
| Apache                       | XMLBeans                           | 5.0.3         |
| Apache                       | sshd-common                        | 2.8.0         |
| Apache                       | PDFBox                             | 2.0.25        |
| Apache                       | Mina SSHD-sftp                     | 2.9.2         |
| Pivotal, Inc.                | spring-jms                         | 5.3.37        |
| Pivotal, Inc.                | spring-context                     | 5.3.37        |
| Pivotal, Inc.                | spring-tx                          | 5.3.37        |
| Pivotal, Inc.                | spring-web                         | 5.3.37        |
| FasterXML, LLC               | jackson-annotations                | 2.13.2        |
| FasterXML, LLC               | jackson-core                       | 2.13.2        |
| FasterXML, LLC               | jackson-databind                   | 2.13.2.2      |
| FasterXML, LLC               | Jackson Databind                   | 2.14.0        |
| Sam Hocevar                  | Reflections                        | 0.10.2        |
| Sean Owen                    | Ziplet (PJP Compressing Filter)    | 2.4.1         |
| Oracle                       | JavaScript Extension Toolkit (JET) | 13.0.0        |
| Terracota                    | Quartz Job Scheduler               | 2.3.2-ff348f6 |
| The Closure Compiler Authors | closure-compiler                   | v20220502     |

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Simple Logging Facade for Java (SLF4J) 1.7.36

**Google**

Closure Compiler v20220502