

License Guide  
Oracle Banking Payments  
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# 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Payments 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 Payments.

## 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 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Payments User Manuals

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## 2. Oracle Banking Payments Licensing

### 2.1 Introduction

This chapter provides information on Oracle Banking Payments 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 Payments.

### 2.3 Components Included in License

The following component is included in any of Oracle Banking Payments licensed module as listed in section 2.4:

**\* Oracle Banking Payments Base**

This includes the subcomponents as listed below:

- Core Maintenances
- Payments related maintenances
- Exception Queues
- Pricing & Common Services

### 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 Payments Domestic Low Value Payments	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development	10K Transactions
Oracle Banking Payments Domestic High Value Payments	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions

Oracle Banking Payments Cross Border	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Book Transfers	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Direct Debit Collections	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Faster Payments	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Bulk File Handling	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments ACH Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments Low Value Payments	10K Messages
Oracle Banking Payments ACH Messaging Pack 2	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench and either Oracle Banking Payments Domestic Low Value or Oracle Banking Payments Direct Debit Collections	10K Messages
Oracle Banking Payments RTGS Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments High Value Payments	10K Messages
Oracle Banking Payments RTGS Messaging Pack 2	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments High Value Payments	10K Messages

Oracle Banking Payments Cross Border Payments Connectivity Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench  And, Either Oracle Banking Payments Cross Border Payments Messaging Pack1 or Oracle Banking Payments RTGS Messaging Pack 1 or Oracle Banking Payments RTGS	10K Messages
Oracle Banking Payments SWIFTNet FileAct	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	1 Gigabyte
Oracle Banking Payments Cross Border Payments Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments Cross Border Payments	10K Messages
Oracle Banking Payments ACH Connectivity Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments ACH Messaging Pack 1 or Oracle Banking Payments RTGS Messaging Pack 1	10K Messages
Oracle Banking Payments RTP Messaging Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments Faster Payments	10K Messages
Oracle Banking Payments RTP Messaging Pack 2	Oracle Database Enterprise Edition, Partitioning, Oracle FLEXCUBE Development Workbench and Oracle Banking Payments Faster Payments	10K Messages
Oracle Banking Payments Instruments – Clearing	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Instruments – Demand Draft & Banker's Cheque	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions
Oracle Banking Payments Instruments – Positive Pay	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	10K Transactions

Oracle Banking Payments RTP Connectivity Pack 1	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments RTP Messaging Pack 1	10K Messages
Oracle Banking Payments RTP Connectivity Pack 2	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench, Oracle Banking Payments RTP Messaging Pack 2	10K Messages
Oracle Banking Payments for Enterprise	Oracle Database Enterprise Edition, Partitioning and Oracle FLEXCUBE Development Workbench	1 Million Transactions
Oracle Banking Payments RTGS Connectivity Pack 1	Oracle Database Enterprise Edition, Partitioning, FLEXCUBE Development Workbench, Oracle Banking Payments RTGS Messaging Pack 1	10K Messages

## 2.5 10K Messages – License Metric Definition

For Oracle Banking Payments Cross Border Payments Messaging Pack 1, Banking Payments ACH Messaging Pack 1, Banking Payments ACH Messaging Pack 2, Banking Payments RTP Messaging Pack 1, Banking Payments RTGS Messaging Pack 1, Banking Payments RTGS Messaging Pack 2 SKUs

**Oracle Banking Payments Cross Border Payments Messaging Pack 1 - 10K Messages:** is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments Cross Border Payments Messaging Pack 1 Program, the number of messages shall be equal to sum of –

- SWIFT MT FIN messages sent or received from SWIFT
- SWIFT GPI Messages sent and/or received from SWIFT
- Domestic high value Networks based on SWIFT FIN Y Copy Messaging Standards

**Oracle Banking Payments ACH Messaging Pack 1 – 10K Messages:** is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments ACH Messaging Pack 1 Program, the number of messages shall be equal to sum of –

- India NEFT messages bulked and/or de-bulked for files that are sent and/or received from India NEFT network.



**Oracle Banking Payments ACH Messaging Pack 2 - 10K Messages:** is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments ACH Messaging Pack 2 Program, number of messages shall be equal to sum of –

- SEPA Credit Transfer messages bulked and/or de-bulked for files that are sent and/or received from a SEPA network
- SEPA Direct Debits messages bulked and/or de-bulked for files that are sent and/or received from a SEPA network
- US ACH payment messages bulked and/or de-bulked for files that are sent and/or received from the US ACH payment network.

**Oracle Banking Payments RTP Messaging Pack 1 - 10K Messages:** is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments RTP Messaging Pack 1 Program, number of messages shall be equal to sum of –

- Incoming messages received and/or outgoing messages generated by SEPA Instant Credit Transfer. This includes, but is not limited to, payment messages, recall requests, payment status reports, recall response, payment return, inquiry and response messages and statement messages.
- Incoming messages received and/or outgoing messages generated by US RTP program.

**Oracle Banking Payments RTGS Messaging Pack 1 – 10K Messages:** is defined as ten thousand messages exchanged over a 12-month period. For the purposes of Oracle Banking Payments RTGS Messaging Pack 1 program, the number of messages shall be equal to sum of –

- India RTGS Payments Messages that are sent and/or received from India RTGS Payment Network.

**Oracle Banking Payments RTGS Messaging Pack 2 - 10K Messages:** is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments RTGS Messaging Pack 2 program, the number of messages shall be equal to sum of –

- US Fedwire Payment Messages that are sent and/or received from US Fedwire Payment Network.

**Oracle Banking Payments ACH Connectivity Pack 1 - 10K Messages:** is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments **ACH Connectivity Pack 1** program, the number of messages shall be equal to sum of –

- India NEFT messages bulked and/or de-bulked for files that are sent and/or received from India NEFT network.

**Oracle Banking Payments RTGS Connectivity Pack 1 - 10K Messages:** is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments RTGS **Connectivity Pack 1** program, the number of messages shall be equal to sum of –

India RTGS Payments Messages that are sent and/or received from India RTGS Payment Network.

**Oracle Banking Payments RTP Connectivity Pack 1 - 10K Messages:** is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments **RTP Connectivity Pack 1** program, the number of messages shall be equal to sum of –

- Incoming messages received and/or outgoing messages sent by SEPA Instant Credit Transfer. This includes, but is not limited to, payment messages, recall requests, payment status reports, recall response, payment return, inquiry and response messages and statement messages.
- Incoming messages received and/or outgoing messages sent by US RTP Program

**Oracle Banking Payments RTP Connectivity Pack 2 - 10K Messages:** is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments RTP Connectivity Pack 2 program, the number of messages shall be equal to sum of –

- Incoming messages received and/or outgoing messages generated by India IMPS program. This includes, but is not limited to, Verification request & verification response messages.

**Oracle Banking Payments Cross border Payments Connectivity Pack 1 - 10K Messages:** is defined as ten thousand messages exchanged over a 12 month period. For the purposes of Oracle Banking Payments Cross Border Payments connectivity Pack 1 program, the number of messages shall be equal to sum of –

- SWIFT MT FIN messages sent or received from SWIFT
- SWIFT GPI Messages sent and/or received from SWIFT
- Domestic high value Networks based on SWIFT FIN Y Copy Messaging Standards

## 2.6 Network Support

Oracle Banking Payments ACH Messaging Pack 1	Network Support – India NEFT
Oracle Banking Payments ACH Messaging Pack 2	Network Support – EU SCT, EU SDD, US ACH
Oracle Banking Payments RTGS Messaging Pack 1	Network Support – India RTGS
Oracle Banking Payments RTGS Messaging Pack 2	Network Support – US Fedwire
Oracle Banking Payments RTP Messaging Pack 1	Network Support – SEPA Instant, US RTP

Oracle Banking Payments Cross Border Payments Messaging Pack 1	Network Support – SWIFT FIN MT Messaging, SWIFT GPI Messaging, Domestic High Value Payments based on SWIFT FIN Y Copy Messaging standards
Oracle Banking Payments RTP Messaging Pack 2	Network Support – India IMPS

## 2.7 **Restricted Use License**

Not applicable to Oracle Banking Payments.

## 3. Environment Details

### 3.1 Tech Stack

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Payments	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 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 Database 19c 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+
			Single Sign On Server	Oracle Java Runtime Environment	JDK 8 Update 241
				Oracle WebLogic Server	12.2.1.4.0
				Oracle Identity Management (OID)	12.2.1.4.0
				Oracle SOA suite	12.2.1.4.0
				Oracle Identity And Access Management	12.2.1.4.0

Oracle Banking Payments Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)				
	Notifications (outgoing)				
Oracle Banking Payments ReST	Web Services	Integration Server	Oracle Enterprise Linux Server 7.6 (x86 64 Bit)	Oracle Java Runtime Environment	JDK & Update 241
				Oracle WebLogic Server	12.2.1.4.0
				Oracle Toplink	12.2.1.4.0

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## 4. Software Prerequisites

The following are the separately licensable software prerequisites for Oracle Banking Payments Products:

### \* 4.1 Software Pre-requisites

Product Name	Product Version	Requirements
Oracle Fusion Middleware Infrastructure	12.2.1.4.0	Oracle Banking Payments and Oracle Banking Payments Gateway supports WebLogic.
Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 8 Update 241	Standard Requirement
Quartz Job Scheduler	2.3.2	Standard Requirement
Oracle Toplink	12.2.1.4.0	Standard Requirement
Oracle Platform Security Services	12.2.1.4.0	Standard Requirement
Oracle Database 19c Enterprise Edition Release	19.6.0.0.0	Standard Requirement With Partitioning option.
Oracle SOA suite	12.2.1.4.0	Optional- Required if Single Sign On is required. Refer release notes for dependent software.
Oracle WebLogic Server	12.2.1.4.0	Optional- Required if Single Sign On is required. Refer release notes environment details section for dependent software.
Oracle Java Runtime Environment	JRE 8.0.241	Optional- Required if Single Sign On is required. Refer release notes environment details section for dependent software.
Oracle Identity Management (OID)	12.2.1.4.0	Optional - Required if Single Sign On is required. Refer release notes environment details section 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 release notes environment details section for dependent software (Single Sign On Server).
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## 5. Third Party Licenses

### 5.1 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

### 5.2 Apache License 2.0

#### **Apache Ant 1.10.7**

Apache Ant

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Version 2.0, January 2004

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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](mailto: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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## SWAGGER MODULES

swagger-annotations

swagger-core

swagger-models

---

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commons-lang3

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slf4j-api

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guava

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Top Level Component : closure-compiler v20200112

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Apache	Commons Collections	4.4
Apache	commons-logging	1.2-0fa3f1a
Apache	Ant	1.10.7
Apache	Log4J	2.12.1
Apache	commons-lang3	3.9
FasterXML, LLC	jackson-annotations	2.10.1
FasterXML, LLC	jackson-core	2.10.1
FasterXML, LLC	jackson-databind	2.10.1
FasterXML, LLC	jackson-dataformat-yaml	2.10.1
Sean Owen	Ziplet (PJM Compressing Filter)	2.4.1
Terracota	Quartz	2.3.2

### 5.5.2 **MIT- License**

Simple Logging Facade for Java (SLF4J) 1.7.29

### 5.5.3 **Google**

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