

Oracle® Revenue Management and Billing

Version 2.7.0.1.0

Quick Installation Guide

Revision 15.2

F11734-01

December, 2018



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F11734-01

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Preface

About This Document

This document provides high-level information on how to install Oracle Revenue Management and Billing (ORMB) and selected additional software.

Intended Audience

This document is intended for the following audience:

- End-Users
- System Administrators
- Consulting Team
- Implementation Team

Organization of the Document

The information in this document is organized into the following sections:

Section No.	Section Name	Description
Section 1	ORMB Installation Overview	Provides high-level information on how to install Oracle Revenue Management and Billing and selected additional software.

Related Documents

You can refer to the following documents for more information:

Document	Description
<i>Oracle Revenue Management and Billing Version 2.7.0.1.0 Release Notes</i>	Provides a brief description about the new features, enhancements, UI and database level changes, supported platforms, framework upgrade, supported upgrades, and technology upgrade made in this release. It also highlights the discontinued features, bug fixes, and known issues in this release.
<i>Oracle Revenue Management and Billing Installation Guide</i>	Lists the application server pre-requisites, supported platforms, and software and hardware requirements for installing the Oracle Revenue Management and Billing application. It explains how to install the Oracle Revenue Management and Billing application.

Document	Description
<i>Oracle Revenue Management and Billing Database Administrator's Guide</i>	Provides information about the Oracle Database Server and Client required for installing the Oracle Revenue Management and Billing database. It explains how to install database with and without demo data. It provides database configuration guidelines including recommended settings for the Oracle Exadata Database machine.
<i>Oracle Revenue Management and Billing Server Administration Guide</i>	Explains the Oracle Revenue Management and Billing (ORMB) architecture and technical know-how required for configuring and using the ORMB application. It explains how to configure and deploy web and business application servers. In addition, it explains how to monitor client machines, web and/or business application servers, and database connections.
<i>Oracle Revenue Management and Billing Security Guide</i>	Lists the security features available in the Oracle Revenue Management and Billing application. It explains how to configure security for the Oracle Revenue Management and Billing application using the default security features.

Change Log

Revision	Last Update	Updated Section	Comments
15.1	05-Mar-2019	Section 1.3.4: Oracle WebLogic Server Information	Updated Information
15.2	09-Apr-2019	All Sections	Corrected the styles across the entire document

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1. ORMB Installation Overview

This section provides high-level information on how to install Oracle Revenue Management and Billing (ORMB) Version 2.7.0.1.0 and selected additional software. For more information, see Oracle Revenue Management and Billing Installation Guide.

This section includes the following topics:

- Media Pack Contents
- Application Overview
- Supported Platforms
- Installation and Configuration Overview
- Installing ORMB
- Installing Additional Software
- Contacting Oracle Support

1.1 Media Pack Contents

The following media packs are available for this release:

- Oracle Financial Services Revenue Management and Billing Version 2.7.0.1.0 – It contains the following packages:
 - Oracle Utilities Application Framework V4.3.0.6.0 Single Fix Prerequisite Rollup for RMB V2.7.0.1.0
 - Oracle Revenue Management and Billing V2.7.0.1.0 Multiplatform
 - Oracle Revenue Management and Billing V2.7.0.1.0 Oracle Database
- Oracle Insurance Revenue Management and Billing Version 2.7.0.1.0 – It contains the following packages:
 - Oracle Utilities Application Framework V4.3.0.6.0 Single Fix Prerequisite Rollup for RMB V2.7.0.1.0
 - Oracle Revenue Management and Billing V2.7.0.1.0 Multiplatform
 - Oracle Revenue Management and Billing V2.7.0.1.0 Oracle Database

1.2 Application Overview

The application is split into multiple tiers:

Tier 1: Browser-Based Client

Oracle Revenue Management and Billing supports the following operating systems:

- Windows 7, 8.x¹, 10 (64-bit)

The following operating system and web browser combinations are supported:

- Windows 7, 8.x¹, 10 (64-bit) with Internet Explorer 11.x¹ (not in the Compatibility mode)

Tier 2: Web Application Server

Oracle Revenue Management and Billing supports the following Web application servers:

- Oracle WebLogic

Tier 3: Database Server

Oracle Revenue Management and Billing supports Oracle Database Server.

1.3 Supported Platforms

This section includes the following topics:

- [Operating Systems and Application Servers](#)
- [Oracle Database Servers](#)
- [SDK - Supported Combinations](#)
- [Oracle WebLogic Server Information](#)
- [Oracle VM Support](#)
- [Oracle Support Policy Regarding VMware](#)

¹ Here, **x** represents the vendor supported version.

1.3.1 Operating Systems and Application Servers

The installation is supported on many operating system, application server, and database server combinations. For the software requirements for each of these combinations, see *Oracle Revenue Management and Billing Installation Guide*.

The following table lists the operating system and application server combinations on which Oracle Revenue Management and Billing Version 2.7.0.1.0 is supported:

Operating System and Web Browser (Client)	Operating System (Server)	Chipset	Application Server	Database Server
Windows 7, 8.x ² , 10 (64-bit) with Internet Explorer 11.x ²	AIX 7.2 TLx ² (64-bit)	POWER 64-bit	WebLogic 12.2.1.3+ (64-bit)	Oracle Database Server 12.1.0.2+ Oracle Database Server 12.2.0.x ²
	Oracle Linux 6.5+ and 7.x ² (64-bit)	x86_64	WebLogic 12.2.1.3+ (64-bit)	Oracle Database Server 12.1.0.2+ Oracle Database Server 12.2.0.x ²
	Oracle Solaris 11.x ²	SPARC 64-bit	WebLogic 12.2.1.3+ (64-bit)	Oracle Database Server 12.1.0.2+ Oracle Database Server 12.2.0.x ²
	Red Hat Enterprise Linux ³ 6.5+ and 7.x ² (64-bit)	x86_64	WebLogic 12.2.1.3+ (64-bit)	Oracle Database Server 12.1.0.2+ Oracle Database Server 12.2.0.x ²
	Windows Server 2012 R2 (64-bit)	x86_64	WebLogic 12.2.1.3+ (64-bit)	Oracle Database Server 12.1.0.2+ Oracle Database Server 12.2.0.x ²

² Here, **x** represents the vendor supported version.

³ Oracle Revenue Management and Billing is tested and certified on Oracle Linux 6.5+ and 7.x. Oracle Linux is 100% userspace-compatible with Red Hat Enterprise Linux, and therefore Oracle Revenue Management and Billing is supported on Red Hat Enterprise Linux.

Note:

Oracle Corporation distributes Oracle Linux with the following two kernels:

Red Hat Compatible Kernel – This kernel is identical to the kernel shipped in Red Hat Enterprise Linux.

Unbreakable Enterprise Kernel – This kernel is based on a later Linux 2.6-series kernel, with Oracle's own enhancements for OLTP, InfiniBand, SSD disk access, NUMA-optimizations, Reliable Datagram Sockets (RDS), async I/O, OCFS2, and networking.

Oracle claims that the Unbreakable Enterprise Kernel is compatible with Red Hat Enterprise Linux; and Oracle middleware and third-party Red Hat Enterprise Linux-certified applications can be installed and run unchanged on Unbreakable Enterprise Kernel. However, for users requiring strict compatibility with Red Hat or for users running kernel modules dependent on specific kernel versions, the Red Hat Compatible Kernel offers 100% compatibility with Red Hat Enterprise Linux.

1.3.2 Oracle Database Servers

Oracle Revenue Management and Billing Version 2.7.0.1.0 is supported with Oracle Database Server 12.1.0.2+ and 12.2.0.x⁴ on all operating systems listed above. The following Oracle Database Server Editions are supported:

- Oracle Database Enterprise Edition

Oracle Database Client 12.1.0.2 is required for Oracle Database Server 12.1.0.2+ and 12.2.0.x⁴.

1.3.3 SDK - Supported Combinations

Refer to the SDK documentation for supported platforms and installation instructions.

1.3.4 Oracle WebLogic Server Information

You must download and install Oracle WebLogic Server using Fusion Middleware Infrastructure Installer 12.2.1.3+.

Note:

You need to apply the **WLS PATCH SET UPDATE 12.2.1.3.181016** patch (Patch Number: 28298734) after installing Oracle WebLogic Server.

While creating a domain, select the **Oracle Restricted JRF - 12.2.1 [oracle_common]** option from the **Create Domain Using Product Templates** page in the **Fusion Middleware Configuration Wizard**. The **WebLogic Coherence Cluster Extension - 12.2.1 [wlserver]** option is selected automatically.

1.3.5 Oracle VM Support

Oracle Revenue Management and Billing Version 2.7.0.1.0 is supported on Oracle VM Server for x86 (64-bit) supported releases of Oracle Linux and Microsoft Windows operating systems.

⁴ Here, **x** represents the vendor supported version.

1.3.6 Oracle Support Policy Regarding VMware

Please refer to My Oracle Support Knowledge Base Article 249212.1 for Oracle's Support Policy Regarding VMware.

1.4 Installation and Configuration Overview

The following diagram provides an overview of the steps that need to be taken to install and configure Oracle Revenue Management and Billing:

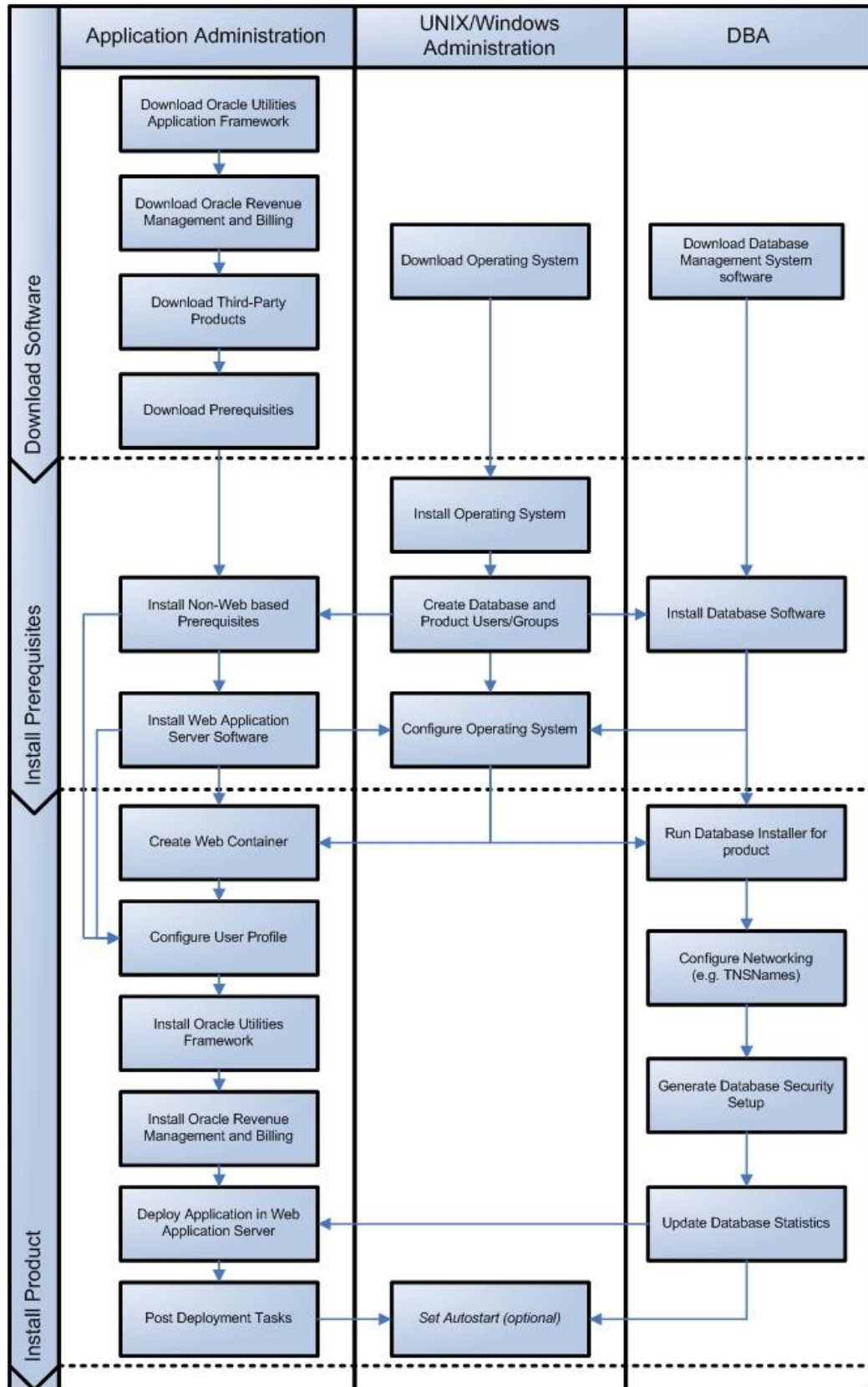


Figure 1: ORMB Installation and Configuration Steps

1.5 Installing ORMB

To install Oracle Revenue Management and Billing (ORMB) Version 2.7.0.1.0:

1. Install all required third-party software.
2. Create a database on the database server.
3. Install the following on the database in the specified order:
 - a. Oracle Utilities Application Framework Version 4.3.0.6.0
 - b. Rollup Pack for Oracle Utilities Application Framework Version 4.3.0.6.0
 - c. Oracle Revenue Management and Billing Version 2.7.0.1.0
4. Install the following post-requisite patches on the database:
 - a. MANDATORY PATCH 1 FOR ORMB VERSION 2.7.0.1.0 (Patch Number: 29126674)

Note: For more information, refer to Oracle Revenue Management and Billing Database Administrator's Guide.

5. Install the following on the application environment in the specified order:
 - a. Oracle Utilities Application Framework Version 4.3.0.6.0
 - b. Rollup Pack for Oracle Utilities Application Framework Version 4.3.0.6.0
 - c. Oracle Revenue Management and Billing Version 2.7.0.1.0
6. Install the following post-requisite patches on the application environment:
 - a. MANDATORY PATCH 1 FOR ORMB VERSION 2.7.0.1.0 (Patch Number: 29126674)
 - b. UPDATE ORMB Version 2.7.0.1.0 ONLINE HELP (Patch Number: 29152481)
7. Create the `billView` directory in the `$SPLAPP` directory.
8. Generate the Application Viewer (this includes the Data Dictionary).

Note: For more information, refer to Oracle Revenue Management and Billing Installation Guide.

1.6 Installing Additional Software

This section explains how to download additional software, such as Oracle WebLogic when you have purchased the required license.

1.6.1 Oracle WebLogic

You must download Oracle WebLogic from [Oracle Software Delivery Cloud](#). The supported versions of Oracle WebLogic Server are listed in the [Operating Systems and Application Servers](#) section.

1.7 Contacting Oracle Support

Please follow this link <http://www.oracle.com/support/index.html> to contact Oracle Support.