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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:

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<th>Section No.</th>
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<td>Oracle Revenue Management and Billing Installation Overview</td>
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Related Documents

You can refer to the following documents for more information:

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<tr>
<td>Oracle Revenue Management and Billing Version 2.5.0.2.0 Release Notes</td>
<td>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.</td>
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<tr>
<td>Oracle Revenue Management and Billing Installation Guide</td>
<td>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.</td>
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<td>Oracle Revenue Management and Billing Database Administrator’s Guide</td>
<td>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.</td>
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<td>Oracle Revenue Management and Billing Server Administration Guide</td>
<td>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.</td>
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<td>Oracle Utilities Application Framework Version 4.3.0.1 Release Notes</td>
<td>Provides a brief description about the new features and enhancements made in this release. It also highlights the supported platforms, supported upgrades, and known issues in this release.</td>
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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 2.5.0.2.0 and selected additional software. For more information, see Oracle Revenue Management and Billing Installation Guide.

This section includes the following topics:

- ORMB Patches
- Application Overview
- Supported Platforms
- Installation and Configuration Overview
- Installing ORMB
- Installing Additional Software
- Contacting Oracle Support

1.1 ORMB Patches

Oracle Financial Services Revenue Management and Billing Version 2.5.0.2.0 and Oracle Insurance Revenue Management and Billing Version 2.5.0.2.0 patches are common for the following platforms:

- Microsoft Windows (64-bit)
- IBM AIX on POWER Systems (64-bit)
- Red Hat Enterprise Linux or Oracle Linux (64-bit)

Each patch includes multiple zip files. You can download the following patches from My Oracle Support:

- **RMB V2.5.0.2.0 – BANKING** - This patch contains the following zip files:
  - FW-V4.3.0.1.0-MultiPlatform
  - RMB-V2.5.0.2.0-MultiPlatform
  - RMB-V2.5.0.2.0-FW-PREREQ-MultiPlatform
  - RMB-V2.5.0.2.0-Oracle-Database-MultiPlatform
- **RMB V2.5.0.2.0 - INSURANCE** - This patch contains the following zip files:
  - FW-V4.3.0.1.0-MultiPlatform
  - RMB-V2.5.0.2.0-MultiPlatform
  - RMB-V2.5.0.2.0-FW-PREREQ-MultiPlatform
  - RMB-V2.5.0.2.0-Oracle-Database-MultiPlatform

### 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, 8.1

The following operating system and web browser combinations are supported:

- Windows 7, 8.1 (64-bit) with Internet Explorer 11.x

**Tier 2: Web Application Server**

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

- Oracle WebLogic
- IBM WebSphere Application Server

**Tier 3: Database Server**

Oracle Revenue Management and Billing supports the 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

1.3.1 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 the 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 2.5.0.2.0 is supported:

<table>
<thead>
<tr>
<th>Operating System (Client)</th>
<th>Operating System (Server)</th>
<th>Chipset</th>
<th>Application Server</th>
<th>Database Server</th>
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<tr>
<td>Windows 7(^1), 8.1 (Internet Explorer 11.x)</td>
<td>AIX 7.1 TL1 (64-bit)</td>
<td>POWER 64-bit</td>
<td>WebSphere 8.5 (64-bit)</td>
<td>Oracle 12.1.0.2</td>
</tr>
<tr>
<td></td>
<td>Oracle Linux 6.x and 7.x (64-bit)</td>
<td>x86_64</td>
<td>WebLogic 12.1.3.0 (64-bit)</td>
<td>Oracle 12.1.0.2</td>
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<tr>
<td></td>
<td>Red Hat Enterprise Linux(^2) 6.x and 7.x (64-bit)</td>
<td>x86_64</td>
<td>WebLogic 12.1.3.0 (64-bit)</td>
<td>Oracle 12.1.0.2</td>
</tr>
<tr>
<td></td>
<td>Windows Server 2012 R2 (64-bit)</td>
<td>x86_64</td>
<td>WebLogic 12.1.3.0 (64-bit)</td>
<td>Oracle 12.1.0.2</td>
</tr>
</tbody>
</table>

1 Oracle will not provide any support for Windows XP from 2014.
2 Oracle Revenue Management and Billing is tested and certified on Oracle Linux 6.x 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 2.5.0.2.0 is supported with Oracle Database Server 12.1.0.2 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.

1.3.3 SDK - Supported Combinations

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

1.3.4 Oracle WebLogic Server Information

The following Oracle WebLogic Server Editions are supported:

- Oracle WebLogic Server Standard Edition 12.1.3.0
- Oracle WebLogic Server Enterprise Edition 12.1.3.0 (required if using application clustering)

1.3.5 Oracle VM Support

Oracle Revenue Management and Billing Version 2.5.0.2.0 is supported on Oracle VM Server for x86 (64-bit) supported releases of Oracle Linux and Microsoft Windows operating systems.

1.3.6 Oracle 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:
1.5 Installing ORMB

To install Oracle Revenue Management and Billing (ORMB) Version 2.5.0.2.0:

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 4.3.0.1.0
   b. Rollup Pack for Oracle Utilities Application Framework Version 4.3.0.1.0
   c. Oracle Revenue Management and Billing Version 2.5.0.2.0
4. Install the following post-requisite patches on the database:
   - MANDATORY PATCH FOR ORMB 2.5.0.2.0 (Patch Number: 23189556)

**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 4.3.0.1.0
   b. Rollup Pack for Oracle Utilities Application Framework Version 4.3.0.1.0
   c. Oracle Revenue Management and Billing Version 2.5.0.2.0
6. Install the following post-requisite patches on the application environment:
   - ACCOUNT BO ERROR IN REPLACE MODE (Patch Number: 22062220)
   - COLUMN WIDTH CHANGE POST CLICKING COLUMN HEADER (Patch Number: 22907009)
   - LOG ENTRIES NOT VISIBLE WHEN EDITED MORE THAN ONCE SUCCESSIVELY (Patch Number: 22905679)
   - UI MAP DRAGGED INTERMITTENTLY ON MOUSE DRAG (Patch Number: 22899521)
   - MANDATORY PATCH FOR ORMB 2.5.0.2.0 (Patch Number: 23189556)
   - UPDATE 2.5.0.2.0 ONLINE HELP patch (Patch Number: 23194062)

7. 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](http://www.oracle.com/support/index.html) to contact Oracle Support.