

Oracle Utilities Customer To Meter

Quick Install Guide

Release 2.7.0.0.0

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Oracle Utilities Customer To Meter Quick Install Guide, Release 2.7.0.0.0

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Preface

Welcome to the Oracle Utilities Customer To Meter Quick Install Guide.

This guide provides information about installing Oracle Utilities Customer To Meter and is intended for anyone interested in the installation process.

- [Related Documents](#)
- [Updates to Documentation](#)
- [Conventions](#)
- [Additional Resources](#)

To complete the installation you should have:

- Administrative privileges on the host where you are installing the software.
- Experience installing and configuring application servers and other software.

Related Documents

For more information, refer to these Oracle documents:

Installation Guides and Release Notes

- *Oracle Utilities Customer To Meter Release Notes*
- *Oracle Utilities Customer To Meter Quick Install Guide*
- *Oracle Utilities Customer To Meter Installation Guide*
- *Oracle Utilities Customer To Meter Database Administrator's Guide*
- *Oracle Utilities Customer To Meter Optional Products Installation Guide*
- *Oracle Utilities Customer To Meter Licensing Information User Manual*

Administrative and Business User Guides

- *Oracle Utilities Customer To Meter Administrative User Guide*
- *Oracle Utilities Customer To Meter Business User Guide*

Supplemental Documents

- *Oracle Utilities Customer To Meter Server Administration Guide*
- *Oracle Utilities Customer To Meter Security Guide*

Updates to Documentation

This documentation is provided with the version of the product indicated. Additional and updated information about the operations and configuration of the product is available from the Knowledge Base section of My Oracle Support (<http://support.oracle.com>). Please refer to My Oracle Support for more information.

Conventions

The following text conventions are used in this document:

| Convention | Meaning |
|------------------------|--|
| boldface | 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. |

Additional Resources

For more information and support, visit the Oracle Support Web site at:
<http://www.oracle.com/support/index.html>

Chapter 1

Oracle Utilities Customer To Meter Installation Overview

This chapter provides a high-level overview of the installation steps and required additional software for Oracle Utilities Customer To Meter, Release 2.7.0.0.0.

- [Media Pack Contents](#)
- [Application Overview](#)
- [Supported Platforms](#)
- [Application Server Memory Requirements](#)
- [Support for Software Patches and Upgrades](#)
- [Installing Oracle Utilities Customer To Meter](#)

For more information, refer to *Oracle Utilities Customer To Meter Installation Guide*.

Media Pack Contents

The Oracle Utilities Customer To Meter Media Pack consists of the following:

Documentation Packages

- Oracle Utilities Customer To Meter 2.7.0.0.0 Release Notes
- Oracle Utilities Customer To Meter 2.7.0.0.0 Quick Install Guide
- Oracle Utilities Customer To Meter 2.7.0.0.0 Install Documentation
- Oracle Utilities Customer To Meter 2.7.0.0.0 User Documentation

Installation Packages

- Oracle Utilities Application Framework V4.3.0.6.0 Multiplatform
- Oracle Utilities Application Framework V4.3.0.6.0 Prerequisite Single Fixes
- Oracle Utilities Customer To Meter 2.7.0.0.0 Multiplatform
- Oracle Utilities Customer To Meter 2.7.0.0.0 Oracle Database
- Oracle Utilities Customer To Meter 2.7.0.0.0 Reports
- Oracle Utilities Customer To Meter 2.7.0.0.0 Sample programs

Components for Oracle Utilities Customer To Meter

The system includes the following components:

- All application processes and HTML/JSP pages that make up the user interface
- The Installation Guide, which describes the installation/upgrade process
- The latest User Documentation
- Release Notes describing functional changes for this version
- Database installation with demo data
- Database upgrade scripts
- Data Dictionary
- System Table Guide
- XAI Client Software
- Conversion Tool
- Sample Reports

Application Overview

The application is split into multiple tiers:

Tier 1: Browser-Based Client

The web browsers listed below are supported when used on each of the operating systems indicated:

| Browser | Windows Operating System |
|----------------------|---------------------------------------|
| Internet Explorer 11 | Microsoft Windows 7, 8.1, 10 (64-bit) |
| Firefox ESR 52 | Microsoft Windows 7, 8.1, 10 (64-bit) |
| Google Chrome | Microsoft Windows 7, 8.1, 10 (64-bit) |

Tier 2: Web Application Server

Oracle Utilities Customer To Meter supports the Oracle WebLogic web application server.

Tier 3: Database Server

Oracle Utilities Customer To Meter supports the Oracle database server.

Supported Platforms

The installation has been tested to operate on many operating system, application server, and database server combinations. For the software requirements for each of these combinations, refer to the **Installing Application Server Prerequisite Software** chapter in the *Installation Guide*.

Operating Systems and Application Servers

This section details the operating system and application server combinations on which this version of Oracle Utilities Customer To Meter is supported.

Application Server Operating Systems

- Oracle Linux 7.x for x86_64
- Oracle Solaris 11.x for SPARC (64-bit)
- IBM AIX 7.2 TLx for POWER (64-bit)
- HP-UX 11.31 (64-bit)

Prerequisite Application Server Software

- Oracle Database Client 12.2.0.1+
- Oracle Java SE Development Kit 1.8.0_131+ (Oracle platforms only)
- IBM 64-bit SDK for AIX 8.0.0.x (IBM platforms only)

- Hibernate ORM 4.1.0 and Hibernate 5.2.3 jars
- Oracle WebLogic Server 12c Release 2 (12.2.1.3+) 64-bit

Notes

- Oracle Linux is 100% user space-compatible with Red Hat Enterprise Linux, therefore, OUA is also supported on Red Hat Enterprise Linux.
- Refer to the *Oracle Utilities Application Framework Database Administrator's Guide* for the Oracle Database Server Requirements.

Refer to the *Product Support Matrix (Document ID 1454143.1)* on My Oracle Support to determine if support for newer versions of the listed products have been added.

Please note the following:

- Version numbers marked with a "+" are the MINIMUM version supported. That version and all future 4th digit updates will be supported.

Example: Oracle 12.2.0.1+ means that 12.2.0.1 and any higher 12.2.0.x versions of Oracle are supported.

* An "x" indicates that any version of the digit designed by the "x" is supported.

Example: Linux 7.x indicates that any version of Linux 7 (7.0, 7.1, 7.2 etc) will be supported.

Windows Server

- Windows Server is **not** supported for Production environments. Wherever Windows Server is referenced within this guide, it is supported for Test or Development environments **only**.

WebLogic Server

- Oracle WebLogic Server (Fusion Middleware Infrastructure) Release 2 (12.2.1.3+) and any higher versions of Oracle are supported.
- Customers must download Oracle WebLogic Server from the Oracle Software Delivery Cloud.

Oracle Database Server

Prerequisite Database Server Software (on any vendor supported platform where x is vendor supported version):

- Oracle Database Server Enterprise Edition 12.1.0.
- Oracle Database Server Standard Edition 2 12.1.0.
- Oracle Database Server Enterprise Edition 12.2.0.x
- Oracle Database Server Standard Edition 2 12.2.0.x

Note: Oracle Database Enterprise Edition and the Partitioning and Advanced Compression options are not mandatory but are recommended. Standard Edition should only be considered suitable for very small, pilot projects or development environments where scalability, performance, and database size-on-disk are not important

considerations. Oracle Database Enterprise Edition, including the Advanced Compression and Partitioning options, is strongly recommended in all other situations.

Oracle VM Support

This version of Oracle Utilities Customer To Meter is supported on Oracle VM Server for x86 for supported releases of Oracle Linux and Microsoft Windows operating systems.

Refer to My Oracle Support knowledge base article 249212.1 for Oracle's support policy on VMWare.

SDK - Supported Combinations

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

Application Server Memory Requirements

For each application server environment a minimum of 4 GB of real memory is required, plus 6 GB of swap space. The approximate disk space requirements in a standard installation are as follows (the size represents the MINIMUM required):

| Location | Size | Usage |
|---|-----------------------------------|---|
| Install Dir ("\$SPLEBASE") Location | 10 GB recommended 5 GB minimum | This is the location where the application and Framework get installed. Startup, shutdown and other online log files are stored here. The size and space that is used should be monitored because various debugging options can significantly affect the size of log files. Note: This does not include the size of the edge product. |
| Log Dir ("\$SPLOUTPUT") Location | 4 GB recommended 2 GB minimum | This location is used for storing batch log files and output from batch jobs. The size of this space should be influenced by which batches are run and how often, and the amount of debugging information that is collected. |
| Location of the application web work files on the web servers | 5 GB recommended 2 GB minimum | This location is used by various web server vendors to expand the application. It should be considered when installing these products. Refer to the individual web server documentation to determine the location of the temporary files. |
| Installation Temporary Area | 4 GB minimum | The application gets installed from this location. You need enough space to un-compress the files and install the application. |

| Location | Size | Usage |
|------------------|--------------|--|
| Oracle Data Area | 4 GB minimum | This location is where the Oracle database data files are stored. The size of this space should be based on the requirements of the production environment. For an initial or demo database install 4 GB should be sufficient. |

Support for Software Patches and Upgrades

Due to the ongoing nature of software improvement, vendors will periodically issue patches and service packs for the operating systems, application servers and database servers on top of specific versions that Oracle products have already been tested against.

If it is necessary to apply an upgrade, please do so in a test environment that is running on the same platform as your production environment prior to updating the production environment itself. The exception to this is Hibernate software 4.1.0 which should not be upgraded.

Always contact Oracle Support prior to applying vendor updates that do not guarantee backward compatibility.

Installing Oracle Utilities Customer To Meter

Before installing Oracle Utilities Customer To Meter, ensure you install Oracle Utilities Customer Care and Billing. For instructions, refer to the [Installing Oracle Utilities Customer To Meter](#) section.

For additional information on installing Oracle Utilities Customer To Meter, refer to the *Oracle Utilities Customer To Meter Installation Guide*.

To install Oracle Utilities Customer To Meter Release 2.7.0.0.0

1. Install Oracle Utilities Customer To Meter database. Refer to *Oracle Utilities Customer To Meter Database Administrator's Guide* included in this package for complete details.
2. Install Oracle Utilities Meter Data Management V2.2.0.3.0. Refer to *Oracle Utilities Customer To Meter Installation Guide* included in this package for more details.
3. Install Oracle Utilities Operational Device Management V2.2.0.2.0. Refer to *Oracle Utilities Customer To Meter Installation Guide* included in this package for more details.
4. Install Oracle Utilities Application Framework V4.3.0.6.0 Prerequisite Single Fixes. Refer to *Oracle Utilities Customer To Meter Installation Guide* included in this package for more details.
5. Install Oracle Utilities Customer To Meter V2.7.0.0.0. Refer to *Oracle Utilities Customer To Meter Installation Guide* included in this package for more details.