Oracle Utilities Energy Information Platform

Quick Install Guide for:

- Oracle Utilities Billing Component
- Oracle Utilities Load Profiling and Settlement
- Oracle Utilities Meter Data Management
- Oracle Utilities Portfolio Management
- Oracle Utilities Quotations Management
- Oracle Utilities Rate Management
- Oracle Utilities Transaction Management

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Contents

Chapter 1

Oracle Utilities Energy Information Platform Installation Overview 1-1
Download Installation Package 1-2
Obtaining Later Releases 1-3
Prepare Network Environment 1-4
Supported Platforms 1-4
Install the Oracle Utilities Data Repository Database Schema 1-6
Install the Energy Information Platform Software 1-6
Set up Configuration Files 1-7

Chapter 1

Oracle Utilities Energy Information Platform Installation Overview

This document provides an overview of the steps involved in installing version 1.6.1 of the Oracle Utilities Energy Information Platform, including:

- **Download Installation Package**
- **Install the Oracle Utilities Data Repository Database Schema**
- **Install the Energy Information Platform Software**
- **Set up Configuration Files**

For additional information regarding installing the Energy Information Platform, refer to the *Oracle Utilities Energy Information Platform Installation Guide*.

You can also use this guide when installing the following products:

- Oracle Utilities Billing Component
- Oracle Utilities Load Analysis
- Oracle Utilities Load Profiling and Settlement
- Oracle Utilities Meter Data Management
- Oracle Utilities Portfolio Management
- Oracle Utilities Quotations Management
- Oracle Utilities Rate Management
- Oracle Utilities Transaction Management

For additional information regarding installing the products listed above, refer to the following product-specific Installation and Configuration Guides:

- Oracle Utilities Billing Component Installation and Configuration Guide (Volume 1)
- Oracle Utilities Load Analysis Installation Guide
- Oracle Utilities Load Analysis Configuration Guide
- Oracle Utilities Load Profiling and Settlement Installation and Configuration Guide
- Oracle Utilities Meter Data Management Installation and Configuration Guide
- Oracle Utilities Portfolio Management Installation and Configuration Guide
- Oracle Utilities Quotations Management Installation and Configuration Guide
- Oracle Utilities Transaction Management Installation and Configuration Guide

Download Installation Package

Before you can install the Oracle Utilities Energy Information Platform software, you must download the installation program from the Oracle Software Delivery Cloud website (http://edelivery.oracle.com). The Oracle Utilities Energy Information Platform installation program can be downloaded from one of the product-specific media packs (there is a separate installation package for the Oracle Utilities Energy Information Platform and for each related product). The table below provides the installation package file names for the Oracle Utilities Energy Information Platform and for each related product.

Product	Installation File Name
Oracle Utilities Energy Information Platform	1.6.1.xx.0.EIP.zip
Oracle Utilities Billing Component	1.6.1.xx.0.BC.zip
Oracle Utilities Load Analysis	1.6.1.xx.0.LA.zip
Oracle Utilities Load Profiling and Settlement	1.6.1.xx.0.LPS.zip
Oracle Utilities Meter Data Management	1.6.1.xx.0.MDM.zip
Oracle Utilities Portfolio Management	1.6.1.xx.0.PM.zip
Oracle Utilities Quotations Management	1.6.1.xx.0.QM.zip
Oracle Utilities Rate Management	1.6.1.xx.0.RM.zip
Oracle Utilities Transaction Management	1.6.1.xx.0.TM.zip

Once the installation file has been downloaded, extract the contents of the ZIP file. Each ZIP file contains the following folders:

- **Install**: Contains the installation program for the selected product. For the Oracle Utilities Energy Information Platform, this includes:
  - Oracle Utilities EIP 1.6.1.xx.0.msi
  - setup.exe
- **DBScripts**: Contains database scripts for the selected product. For the Oracle Utilities Energy Information Platform, this includes:
  - Install: scripts used to create a new Energy Information Platform schema
  - Upgrade: scripts used to update the Energy Information Platform schema

  See **Chapter 3**: **Oracle Utilities Data Repository Schema Creation** in the *Oracle Utilities Energy Information Platform Installation Guide* for more information about installing and upgrading the Energy Information Platform database schema.
- **Documentation**: Contains documentation for the selected product. For the Oracle Utilities Energy Information Platform, this includes:
  - Oracle Utilities Energy Information Platform Installation Guide
  - Oracle Utilities Energy Information Platform Configuration Guide
  - Oracle Utilities Energy Information Platform User's Guide
  - Data Manager User's Guide
  - Oracle Utilities Rules Language User's Guide
  - Oracle Utilities Rules Language Reference Guide

  Note: Energy Information Platform documentation can also be downloaded separately.

Obtaining Later Releases

Please check http://metalink.oracle.com for later versions that may be available for this installation package. To locate updated installation packages, use the following procedure:

1. Connect to http://metalink.oracle.com using Internet Explorer.
2. In the Quick Find section, select Knowledge Base from the drop-down list, enter **1072224.1**, and click **Go**.

   The screen will display a link to the following Knowledge Base article providing details about how to obtain the latest version of the software:

   "How to Obtain the Latest Release for Meter Data Applications Version 1.6"
3. Click the link to read the Knowledge Base article.

Prepare Network Environment

The first step in installing the Energy Information Platform software is to prepare the network environment. This includes preparing the various system components that will run the Energy Information Platform software. There are five types of system components used by the Oracle Utilities Energy Information Platform:

- **Client Workstation - C/S**: Workstations used when running client/server applications, such as Data Manager.
- **Client Workstation - Web**: Workstations used when accessing the web-enabled features of the Energy Information Platform and related products.
- **Application/Batch Processing Server**: Server machines used for system administration and batch processing. Application servers are also used when running Windows services such as those employed by the Energy Information Platform Adapter or Oracle Utilities Transaction Management.
- **Database Server**: Database server that houses the Oracle Utilities Data Repository.
- **Web Server**: Web server running Microsoft Internet Information Server (IIS) and the Oracle Utilities Energy Information Platform.

Refer to **Chapter 2**: **Setting Up the Network Environment** in the *Oracle Utilities Energy Information Platform Installation Guide* for detailed information regarding setting up the network environment, including hardware and software requirements for each type of system component.

Supported Platforms

The tables below outline the platforms supported by this release.

Application, Database, and Web Servers

Operating System*	OS Server Architecture	Database and Web Servers - Supported Combinations
Windows 2008 Server SP2 Windows 2008 Server R2 SP1 **	x86_64	• Oracle Database Server 11.2.0.4 (64-bit) IIS 7.x (32-bit)* • Oracle Database Server 12.1.0.2 (64-bit) IIS 7.x (32-bit)* • Oracle Database Server 12.2.0.1 (64-bit) IIS 7.x (32-bit)*
Windows 2012 Server R2***	x86_64	• Oracle Database Server 11.2.0.4 (64-bit) IIS 8.x (32-bit)* • Oracle Database Server 12.1.0.2 (64-bit) IIS 8.x (32-bit)* • Oracle Database Server 12.2.0.1 (64-bit) IIS 8.x (32-bit)*

Note: Oracle Database 11gR2 (11.2.0.4) is also supported using Oracle Real Application Clusters. See **Oracle Real Application Cluster (RAC)** on page 2-15 in the *Oracle Utilities Energy Information Platform Installation Guide* for more information.

* 32-bit versions of the Oracle Database client are required on 64-bit application servers and client workstations.

** IIS v7.5 (7.5.7600) is supported when using Windows 2008 Enterprise Server R2.

*** IIS v8.5 is supported when using Windows 2012 Enterprise Server R2.

Client Workstations

Client Workstations: Operating System and Web Browsers - Supported Combinations
• Windows 7 SP1 - Internet Explorer 11
• Windows 8.1 - Internet Explorer 11
• Windows 10 - Internet Explorer 11

Oracle VM Support

Operating systems are also supported when running on Windows in a virtualized environment with Oracle VM. Refer to the *Oracle VM Release 2.2* documentation for more information about using Oracle VM.

Oracle Support Policy Regarding VMware

Please refer to My Oracle Support knowledge base article **249212.1** for Oracle's support policy regarding VMWare.

Install the Oracle Utilities Data Repository Database Schema

After setting up the network environment, the next step is to create the Oracle Utilities Data Repository database schema. This schema defines all the database tables used by the Energy Information software.

To create the Oracle Utilities Data Repository database schema, use the scripts provided in the installation package. Run the database scripts as described in the README.TXT file.

Refer to **Chapter 3**: **Oracle Utilities Data Repository Schema Creation** in the *Oracle Utilities Energy Information Platform Installation Guide* for detailed information regarding creating the Oracle Utilities Data Repository database schema.

Refer to the product-specific Installation and Configuration Guides for more information about installing and updating product-specific database schemas.

Install the Energy Information Platform Software

After creating the database schema, the next step is to install the Energy Information Platform and related product software on the system components that will be used in your implementation.

To install the software, run the **setup.exe** file in the Install folder.

Refer to **Chapter 4**: **Installing the Oracle Utilities Application Software** in the *Oracle Utilities Energy Information Platform Installation Guide* for detailed information regarding installing the Energy Information Platform software.

Refer to the product-specific Installation and Configuration Guides for more information about installing individual products:

Set up Configuration Files

After installing the software on each of the system components, the next step is to set up the appropriate configuration files on each machine. These files define various operating parameters for the software.

Refer to **Configuring Oracle Utilities Energy Information Platform Software** in **Chapter 4**: **Installing the Oracle Utilities Application Software** in the *Oracle Utilities Energy Information Platform Installation Guide* for detailed information regarding setting up configuration files. Refer to **Chapter 2**: **Configuration Files** in the *Oracle Utilities Energy Information Platform Configuration Guide* for detailed information about each of the configuration files used by the Energy Information Platform software.

> **Note**: Some products use additional configuration files beyond those described in the *Oracle Utilities Energy Information Platform Configuration Guide*. Refer to the appropriate Installation and Configuration Guide for information about product-specific configuration files.