

Oracle Utilities Load Analysis

Quick Installation Guide

Release 1.11.1.3 for Windows

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Chapter 1

Oracle Utilities Load Analysis Installation Overview

This document provides an overview of the steps involved in installing version 1.11.1.3 of Oracle Utilities Load Analysis, including:

- **Download Installation Package**
- **Prepare Network Environment**
- **Install the Oracle Utilities Data Repository Database Schema**
- **Install the Energy Information Platform Software**
- **Install Oracle Utilities Load Analysis Software**

For additional information regarding installing the Oracle Utilities Load Analysis, refer to the *Oracle Utilities Load Analysis Installation Guide*.

Download Installation Package

Before you can install the Oracle Utilities Load Analysis software, you must download the installation programs from the Oracle Software Delivery Cloud (<http://edelivery.oracle.com>) for major releases, or from support.oracle.com if this is not a major release. Once the installation files have been downloaded, extract the contents of the ZIP files, which contain the following folders:

- **For Oracle Utilities Energy Information Platform Lite:**
 - **Installation:** Contains the installation program for Energy Information Platform LITE, including:
 - Oracle Utilities EIP_LITE 1.6.1.xx.0.msi
 - setup.exe
 - **DBScripts:** Contains database creation scripts for the Oracle Utilities Data Repository, this includes:
 - Buildora.cmd
 - **Documentation:** Contains documentation for Oracle Utilities Energy Information Platform, including:
 - Oracle Utilities Energy Information Platform Installation Guide
 - Oracle Utilities Energy Information Platform Configuration Guide
 - Oracle Utilities Energy Information Platform User's Guide
- **For Oracle Utilities Load Analysis:**
 - **Install:** Contains the installation program for Oracle Utilities Load Analysis, including:
 - Oracle Utilities LA 1.6.1.xx.0.msi
 - Client.exe
 - Server.exe
 - **DBScripts:** Contains database creation scripts for the Oracle Utilities Data Repository, this includes:
 - Additional database script files (AddLA.cmd)
 - Upgrade scripts for use when upgrading from 1.11.x versions.
 - **Documentation:** Contains documentation for Oracle Utilities Load Analysis, including:
 - Oracle Utilities Load Analysis Installation Guide
 - Oracle Utilities Load Analysis Configuration Guide
 - Oracle Utilities Load Analysis User's Guide
 - Oracle Utilities Load Analysis Load Data Management User's Guide
 - Oracle Utilities Load Analysis Load Data Analysis User's Guide
 - Oracle Utilities Load Analysis Sampling User's Guide
 - Oracle Utilities Load Analysis Cost of Service Interface User's Guide
 - Oracle Utilities Load Analysis Quick Reference Guide

Obtaining Later Releases

Please check <https://support.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 <https://support.oracle.com> using Internet Explorer.
2. In the Quick Find section, select Knowledge Base from the drop-down list, enter 743374.1, and click **Go**. The screen will display a link to a Knowledge Base article providing details about how to obtain the latest version of the software.
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 LITE software. There are five types of system components used by the Oracle Utilities Energy Information LITE Platform:

- **Client Workstation - C/S:** Workstations used when running the Oracle Utilities Load Analysis client.
- **Client Workstation - Web:** Workstations used when accessing the web-enabled features of the Energy Information Platform.
- **Application/Batch Processing Server:** Server machines used for system administration and batch processing. Application servers are also used when running Windows services.
- **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 LITE.

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 2012 Server R2**	x86_64	<ul style="list-style-type: none"> • 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)* • Oracle Database Server 19c (64-bit) IIS 8.x (32-bit)*
Windows 2016 Server***	x86_64	<ul style="list-style-type: none"> • Oracle Database Server 11.2.0.4 (64-bit) IIS 10.x (32-bit)* • Oracle Database Server 12.1.0.2 (64-bit) IIS 10.x (32-bit)* • Oracle Database Server 12.2.0.1 (64-bit) IIS 10.x (32-bit)* • Oracle Database Server 19c (64-bit) IIS 10.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 v8.5 is supported when using Windows 2012 Enterprise Server R2.

*** IIS v10 is supported when using Windows 2016 Enterprise Server.

Client Workstations

Client Workstations: Operating System and Web Browsers - Supported Combinations

- Windows 10 - Internet Explorer 11, Microsoft Edge
-

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.

To add the tables used by Oracle Utilities Load Analysis to the Oracle Utilities Data Repository, run the “AddLA.cmd” script.

Note: This step is only required if you store your interval data in the Oracle Utilities Data Repository.

Install the Energy Information Platform Software

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

Note: Oracle Utilities Load Analysis version 1.11 requires EIP LITE, not the standard EIP v1.6.1. There are many prerequisites that must be completed prior to installing the EIP_LITE. For more information, see the *Oracle Utilities Energy Information Platform Installation Guide*.

To install the software, run the **setup.exe** file in the EIP Installation 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.

Set up Energy Information Platform 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.

You must copy the Oracle Utilities LA 1.6.1.xx.0.msi file into the same folder as the Oracle Utilities EIP_LITE 1.6.1.xx.0.msi prior to running the setup.exe. After launching setup.exe ensure that both products are listed before continuing.

Install Oracle Utilities Load Analysis Software

After installing the Energy Information Platform, the next step is install the Oracle Utilities Load Analysis software on the system components that will be used in your implementation.

- To install the server software, run the **Server.exe** file in the Install folder.
- To install the client software, run the **Client.exe** file in the Install folder.

Refer to **Chapter 1: Installing the Oracle Utilities Load Analysis Application Software** in the *Oracle Utilities Load Analysis Installation Guide* for detailed information regarding installing Oracle Utilities Load Analysis.