

# **Oracle Utilities Operational Device Management**

Quick Install Guide

Release 2.0.1 Service Pack 2

**E35352-05**

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Oracle Utilities Operational Device Management Quick Installation Guide, Release 2.0.1 Service Pack 2

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# Preface

This guide provides an overview of installing Oracle Utilities Operational Device Management Release 2.0.1 Service Pack 2 (also represented as v2.0.1.2).

## Audience

The *Quick Installation Guide* is intended for anyone interested in the process of installing Oracle Utilities Operational Device Management.

## Related Documents

For more information, see these Oracle documents:

- *Oracle Utilities Operational Device Management Installation Guide*
- *Oracle Utilities Operational Device Management Database Administrator's Guide*
- *Oracle Utilities Operational Device Management Administration Guide*
- *Oracle Utilities Application Framework v4.2.0.1 Business Process Guide*
- *Oracle Utilities Application Framework v4.2.0.1 Administration Guide*
- *Operational Device Management Batch Server Administration Guide*

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	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.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Additional Resources

To contact Oracle support, visit the Oracle Support Web site at:

<http://www.oracle.com/support/index.html>

# Chapter 1

## Overview

This chapter provides an overview of the Oracle Utilities Operational Device Management (ODM) product and installation process.

Oracle Utilities Operational Device Management provides functionality to handle large volumes of assets and to manage the receipt, installation, maintenance, tracking and removal of those assets.

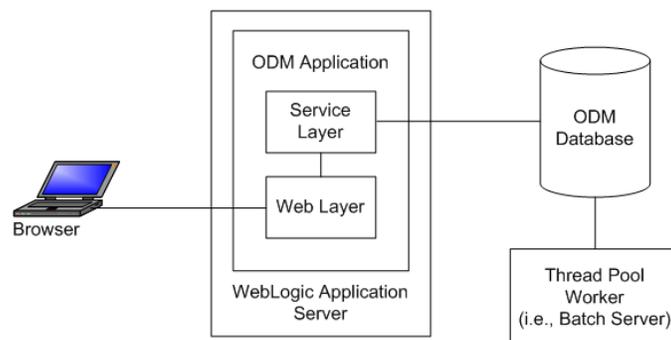
Please refer to the *User Guide* and *Release Notes* for a detailed overview of the business processes and functionality offered by Oracle Utilities Operational Device Management.

This chapter includes the following sections:

- [Product Overview](#)
- [Installation Overview](#)
- [Installation Types](#)
- [Package Contents](#)

## Product Overview

The following figure provides an overview of the Oracle Utilities Operational Device Management product:



Oracle Utilities Operational Device Management is housed in the Oracle WebLogic J2EE Web Application Server. ODM has two layers: web and service. The application is accessed by using a browser to connect to the web layer.

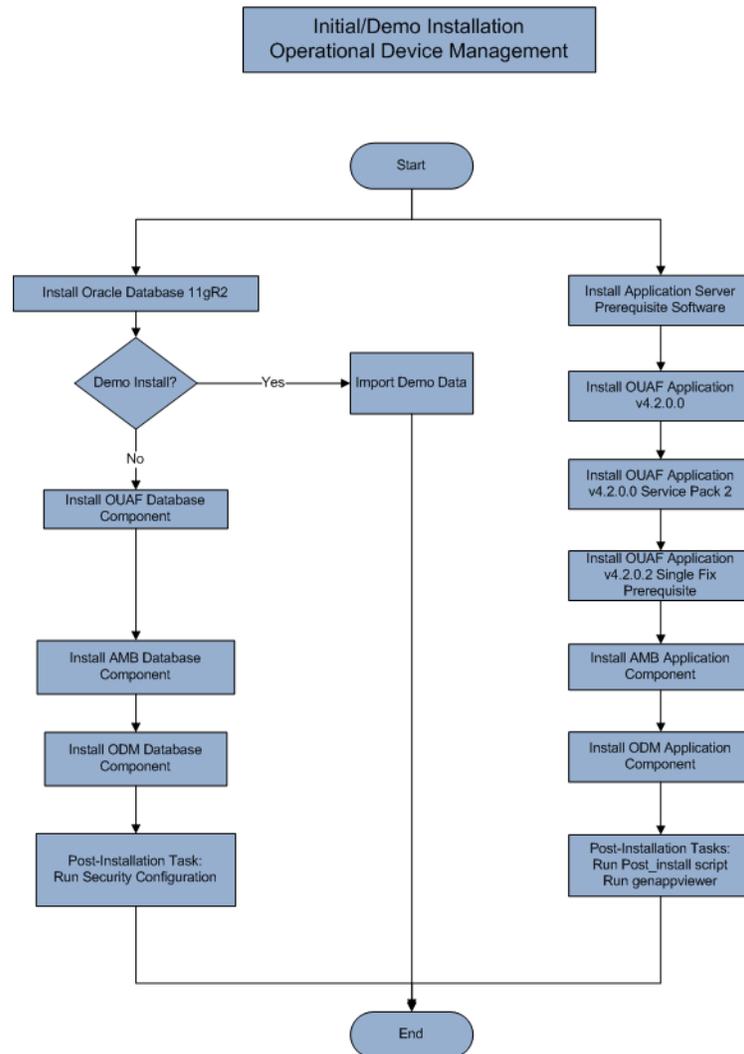
ODM data is stored in the Oracle Database. For processing large amounts of data, ODM provides thread pool worker (batch server) that interacts with the same ODM database.

## Installation Overview

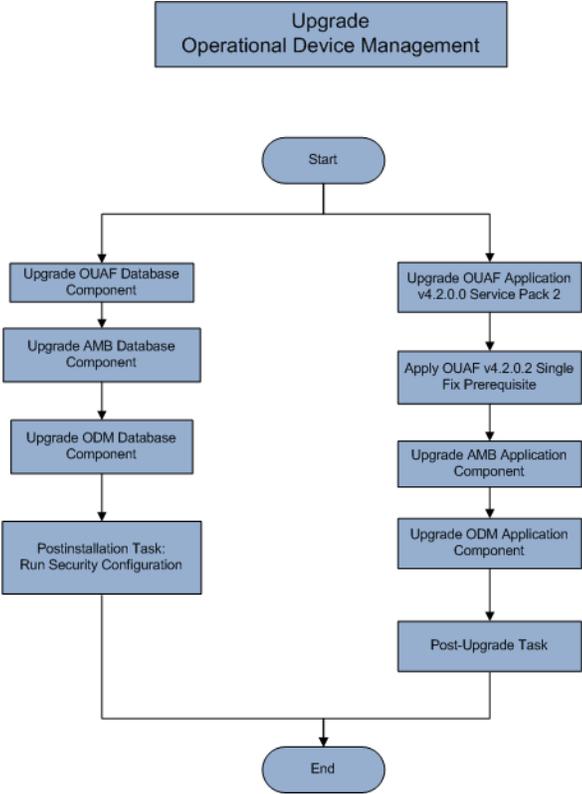
Oracle Utilities Operational Device Management consists of several components, all of which need to be installed for a successful installation.

Certain prerequisite software may need to be installed before installing each of these components. Refer to [Prerequisite Software List](#) for the list of prerequisite software for each component

The following figure details the workflow for the initial and demo installation process.



The following figure details the workflow for the upgrade installation process.



## Installation Types

The first step in the installation procedure is to determine the installation type that meets your business requirements. The following are the possible installation types:

- **Initial Installation** - installing Oracle Utilities Operational Device Management v2.0.1.2 from scratch - a base installation, typically used for a production environment
- **Upgrade Installation** - an upgrade installation from version 2.0.1.1 to version 2.0.1.2. This is also known as installing the Service Pack 2 for Oracle Utilities Operational Device Management.
- **Demo Installation** - a base installation with pre-populated demo data, typically used for demonstration or training purposes

## Package Contents

The following documentation and installation packages are part of the product package for the Oracle Utilities Operational Device Management 2.0.1 Service Pack 2 release.

This section includes information about:

- [Documentation Packages](#)
- [Installation Packages](#)

## Documentation Packages

- *Oracle Utilities Operational Device Management Release Notes*
- *Oracle Utilities Operational Device Management Quick Install Guide*
- *Oracle Utilities Operational Device Management Database Administrator's Guide*
- *Oracle Utilities Operational Device Management Installation Guide*
- *Oracle Utilities Operational Device Management User Guide*
- *Oracle Utilities Operational Device Management Configuration Guide*
- *Oracle Utilities Application Framework v4.2.0.2 Administration Guide*
- *Oracle Utilities Application Framework v4.2.0.2 Business Process Guide*
- *Oracle Utilities Operational Device Management Server Administration Guide*
- *Oracle Utilities Operational Device Management Batch Server Administration Guide*

## Installation Packages

- Oracle Utilities Operational Device Management v2.0.1.2 Install Documentation.zip
- Oracle Utilities Operational Device Management v2.0.1.2 Quick Install Guide.zip
- Oracle Utilities Operational Device Management v2.0.1.2 User Documentation.zip
- Oracle Utilities Operational Device Management v2.0.1.2 Supplemental Documentation.zip
- Oracle Utilities Operational Device Management v2.0.1.2 Release Notes.zip
- Oracle Utilities Application Framework v4.2.0.2 Single Fix Prerequisite Rollup for ODM v2.0.1.2.zip
- Oracle Utilities Asset Management Base v2.0.1.2 Multiplatform.zip
- Oracle Utilities Operational Device Management v2.0.1.2 Multiplatform.zip

- Oracle Utilities Operational Device Management v2.0.1.2 Oracle Database Multiplatform.zip
- Oracle Utilities Application Framework v4.2.0.0 Multiplatform.zip
- Oracle Utilities Application Framework v4.2.0.0 Service Pack2.zip

# Chapter 2

## Supported Platforms and Hardware Requirements

This installation is certified to operate on many operating system, application server and database server combinations. The following sections provide information on the supported platforms and requirements, including information on:

- [Operating Systems and Application Servers](#)
- [Hardware Requirements](#)
- [Application Server Memory Requirements](#)
- [Additional Notes on Supported Platforms](#)
- [Support for Software Patches and Upgrades](#)

### Operating Systems and Application Servers

The following table details the operating system and application server combinations on which this version of Oracle Utilities Operational Device Management has been tested and certified.

Operating System and Web Browser (Client)	Operating System (Server)	Chipset	Application Server	Database
Windows 7 (32 and 64 bit) (Internet Explorer 8.x or 9.x in Compatibility Mode)	AIX 7.1 TL01 SP1	Power 64-bit	WebLogic 10.3.6	Oracle Database 11g & 12c
	Oracle Enterprise Linux 5.8, 6.2, 6.3 & 6.4 (64-bit)	x86_64	WebLogic 10.3.6	Oracle Database 11g & 12c
	Red Hat Enterprise Linux 5.8, 6.2, 6.3 & 6.4 (64-bit)			
	Oracle Solaris 10 update 9/Oracle Solaris 11 (64-bit)	SPARC 64-bit	WebLogic 10.3.6	Oracle Database 11g & 12c
	Windows Server 2008 R2 (64-bit)	x86_64	WebLogic 10.3.6	Oracle Database 11g & 12c

# Hardware Requirements

## Client Side Hardware Requirements

Configuration	Processor	Memory (RAM)	Monitor (Display)
Minimum	Pentium IV - 2.0 GHz	1024 MB	1024X768** 16-bit Color
Recommended*	Pentium IV -3.0+ GHz, (or) any Core 2 Duo (or) any Athlon X2	2048 MB	1280X1024** 32-bit Color

\* The Recommended configuration supports better performance of the client.

\*\* To reduce the amount of scrolling required for pages that are longer than 768 or 1024 pixels, consider placing a monitor into vertical position (with narrow side on the bottom).

## 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.

### Disk Space Requirements

The approximate disk space requirements in a standard installation are as follows:

Location	Size	Usage
Install_dir Location	10 GB minimum	This location is 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.
Log Location	5 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 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	The application gets installed from this location. You need enough space to uncompress the files and install the application.
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.

## Additional Notes on Supported Platforms

**Oracle Database Server** - This version of Oracle Utilities Operational Device Management is certified on Oracle Database Server 11.2.0.1+ on the operating systems listed in the section above. The following versions of the database are supported:

- Oracle Database Enterprise Edition
- Oracle Database Standard Edition

**Oracle VM Support** - This version of Oracle Utilities Operational Device Management is supported on Oracle VM 2.2.2 for supported releases of Oracle Linux and Microsoft Windows operating systems.

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

## 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 from this rule is Hibernate software version 4.1.0. This version should not be upgraded.

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

# Chapter 3

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## Planning the Installation

This chapter provides information for planning an Oracle Utilities Operational Device Management installation, including:

- [Prerequisite Software List](#)
- [Installing Prerequisite Software](#)
- [Readiness Checklist](#)

### Before Installation

Refer to My Oracle Support for up-to-date additional information about installing Oracle Utilities Operational Device Management.

## Prerequisite Software List

Before you install Oracle Utilities Operational Device Management, you must install prerequisite software.

Refer to the respective installation documentation of the software for instructions on downloading and installing.

## Prerequisite Software for Database Server

The prerequisite software for the database component of Oracle Utilities Operational Device Management is as follows:

- Oracle Database Server 11.2.0.1+ - This is required for installing the database component of the Oracle Utilities Operational Device Management product. The following versions of the database server are supported:
  - Oracle Database Enterprise Edition
  - Oracle Database Standard Edition

## Prerequisite Software for Application Server

The prerequisite software for the application component of Oracle Utilities Operational Device Management is as follows:

- Oracle Database 11g Release 2 Client
- JDK 1.6.0\_45 (64-bit)
- Oracle Web Logic 11gR1 (10.3.6)
- Hibernate 4.1.0 FINAL

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## Web Browser Requirements

The following operating system / web browser software are supported:

- Windows 7 (32-bit or 64-bit) with Internet Explorer 8.x or 9.x

**Note:** Internet Explorer 9.x must be in Compatibility Mode.

## Application Dependencies for Oracle Utilities Analytics

This release of Oracle Utilities Operational Device Management is compatible with Oracle Utilities Advanced Analytics, version 2.5.0. For more information, see the release notes and documentation for Oracle Utilities Analytics, version 2.5.0.

## Installing Prerequisite Software

Refer to the section “**Installing Prerequisite Software**” in the *Oracle Utilities Operational Device Management Installation Guide* for detailed instructions on installing the prerequisite software.

## Readiness Checklist

The following checklist will guide you through the installation process of Oracle Utilities Operational Device Management. The details for each step are presented in the *Oracle Utilities Operational Device Management Installation Guide*.

1. Confirm recommended hardware is ready. Refer to [Supported Platforms and Hardware Requirements](#) for more details.
2. Install prerequisite software, refer to [Prerequisite Software List](#) for more details.
3. Ensure that you have downloaded the Oracle Utilities Operational Device Management v2.0.1 Service Pack 2 components from My Oracle Support (<https://support.oracle.com/>) or from the Oracle Software Delivery Cloud.
4. Go through the installation and configuration worksheets from the installation guide to understand the configuration menu.
5. Determine type of the installation:
  - **Initial** Installation - For initial installation follow the instructions mentioned in *Oracle Utilities Operational Device Management Installation Guide*.
  - **Upgrade** Installation - For upgrade installation from v2.0.1.1 to v2.0.1.2 follow the instructions mentioned in *Oracle Utilities Operational Device Management Installation Guide*.
  - **Demo** Installation - For demo installation follow the instructions mentioned in *Oracle Utilities Operational Device Management Installation Guide*.
6. Perform post-installation tasks (as applicable).

# Chapter 4

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## Installing Oracle Utilities Operational Device Management - Initial Installation

This chapter provides an overview of installing Oracle Utilities Operational Device Management v2.0.1 Service Pack 2 as a new installation. This chapter includes:

- [Initial Installation Procedure](#)

### Before You Install

Refer to My Oracle Support for up-to-date additional information on Oracle Utilities Operational Device Management.

### Initial Installation Procedure

The initial installation procedure consists of:

- [Database Component Installation](#)
- [Application Components Installation](#)

### Database Component Installation

Installation of the database component of Oracle Utilities Operational Device Management must be complete before you can proceed with the following sections. Refer to the chapter “**Installing the Oracle Utilities Operational Device Management Database- Initial Installation**” of the *Oracle Utilities Operational Device Management Database Administrator's Guide*, which provides instructions on installing the database component.

### Application Components Installation

Refer to the chapter “**Installing Oracle Utilities Operational Device Management - Initial Installation**” of the *Oracle Utilities Operational Device Management Installation Guide*, which provides instructions on installing the application components.

# Chapter 5

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## Installing Oracle Utilities Operational Device Management - Service Pack Installation

This chapter provides an overview of upgrading Oracle Utilities Operational Device Management from v2.0.1.1 to v2.0.1.2. This chapter includes:

- [Upgrade Procedure](#)

### Before You Upgrade

**Note:** Before you upgrade to Oracle Utilities Operational Device Management 2.0.1 Service Pack 2, you must have version Oracle Utilities Operational Device Management v2.0.1.1 installed on your system.

Review the list of operating system, application server and database server combinations that Oracle Utilities Operational Device Management is certified to operate on, in the chapter titled [Supported Platforms and Hardware Requirements](#).

For further assistance, contact My Oracle Support before you upgrade.

## Upgrade Procedure

The initial installation procedure consists of:

- [Database Component Upgrade](#)
- [Application Components Upgrade](#)

## Database Component Upgrade

Upgrade of the database component of Oracle Utilities Operational Device Management must be complete before you can proceed with the following sections. Refer to the chapter “**Upgrading the Oracle Utilities Operational Device Management Database**” of the *Oracle Utilities Operational Device Management Database Administrator's Guide*, which provides instructions on upgrading the database component.

## Application Components Upgrade

To proceed with upgrading to the Service Pack 2 of Oracle Utilities Operational Device Management (v2.0.1.2) follow instructions as detailed in the chapter “**Upgrading Oracle Utilities Operational Device Management**” of the *Oracle Utilities Operational Device Management Installation Guide*.

# Chapter 6

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## Installing Oracle Utilities Operational Device Management - Demo Installation

This chapter provides an overview of the instructions for setting up a demo application of Oracle Utilities Operational Device Management useful for demonstration or training purposes. This chapter includes:

- [Demo Installation Procedure](#)

### Before You Install

Refer to My Oracle Support for up-to-date additional information on Oracle Utilities Operational Device Management.

## Demo Installation Procedure

The demo installation procedure consists of:

- [Database Component Installation](#)
- [Application Components Installation](#)

## Database Component Installation

Installation of the database component of Oracle Utilities Operational Device Management must be complete before you can proceed with the following sections. Refer to the chapter “**Installing the Oracle Utilities Operational Device Management Database - Demo Installation**” of the *Oracle Utilities Operational Device Management Database Administrator’s Guide*, which provides instructions on installing the database component with pre-populated demo data.

## Application Components Installation

Refer to the chapter “**Installing Oracle Utilities Operational Device Management - Demo Installation**” of the *Oracle Utilities Operational Device Management Installation Guide*, which provides instructions on installing the application components.