

Oracle® Enterprise Manager

Grid Control Quick Installation Guide for Windows (32-bit)

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ORACLE®

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This guide describes how to quickly install Oracle Enterprise Manager Grid Control on Windows (32-bit) systems. It includes information about the following:

- [Reviewing Information About This Guide](#)
- [System Requirements](#)
- [Installing Oracle Enterprise Manager Grid Control](#)
- [Other Installation or Upgrade Options](#)
- [Documentation Accessibility](#)

Reviewing Information About This Guide

This guide describes how to perform a basic installation of Oracle Enterprise Manager Grid Control into a new database or into an existing database.

Tasks Described in This Guide

The procedures in this guide describe how to:

- Configure your system to support the following installation types:

- "Enterprise Manager Grid Control Using a New Database" installation type, which installs the Management Service, central Management Agent, and Management Repository database on a single host
- "Enterprise Manager Grid Control Using an Existing Database" installation type, which installs the Management Service and central Management Agent on one host, and installs the Management Repository in an existing, qualified database

Note: For performance reasons, Oracle recommends that you do not install both the Management Service and Management Repository on the same host. Refer to "[Hardware Requirements](#)" for more information.

- Add a system to the grid, which installs the Management Agent on a target host
- Install Grid Control using Oracle Universal Installer's interactive mode
- Find more information about other installation scenarios

Tasks Not Described in This Guide

This guide covers only the basic installation type described above and does *not* describe how to complete the following tasks:

- Install Grid Control in any non-interactive mode
- Configure your system to support installation of an additional Management Service or Management Agent
- Upgrade an existing installation to the latest version
- Install Grid Control on Real Application Clusters
- Troubleshoot your installation session
- Configure post-installation settings
- Use Enterprise Manager Grid Control
- Require secure communications between all Management Agents and the secure Management Service

Where to Get Additional Installation Information

For more information about installing Oracle Enterprise Manager Grid Control, including tasks not described in this manual, refer to *Oracle Enterprise Manager Installation and Basic Configuration*, which is available on the product disk. To access this book, use a

Web browser to open the `index.htm` file located in the top-level directory of the installation media, then select the **Documentation** tab.

Note: The entire documentation library for Enterprise Manager can be found on the Oracle Technology Network:

<http://www.oracle.com/technology/documentation/oem.html>

This site may contain later versions of all books, including *Oracle Enterprise Manager Installation and Basic Configuration*.

System Requirements

The system or systems must meet the minimum hardware and software requirements.

Even though Oracle Universal Installer runs prerequisite checks on your system to verify that it meets the listed requirements, to make sure that prerequisite checks do not fail, you should verify the requirements before running Oracle Universal Installer.

Note: For a complete list of all the system requirements, refer to *Oracle Enterprise Manager Installation and Basic Configuration*.

Hardware Requirements

The system or systems must meet the minimum hardware requirements for hard disk space, available memory, processor speed, and operating memory.

Hard Disk Space Requirements The hard disk requirements are:

- 4.5 GB for the "Enterprise Manager Grid Control Using a New Database" installation type
- 2.5 GB for the "Enterprise Manager Grid Control Using an Existing Database" installation type

Available Memory Requirements The available operating memory requirements for installation are:

- To install "Enterprise Manager Grid Control Using a New Database," a minimum of 1 GB (2 GB recommended) of available operating memory for the host.

- To install "Enterprise Manager Grid Control Using an Existing Database," a minimum of 1 GB (2 GB recommended) of available operating memory for the node.

Operating Requirements The hardware requirements to run Enterprise Manager are:

- Minimum processor speed of 1 GHz (3 GHz recommended) for the host running the Management Service
- Minimum of 2 GB of free physical memory for the host running the Management Service
- Minimum of 2 GB (4 to 6 GB recommended for medium and large deployments which typically have 1000 to 10,000 targets) of free physical memory for the Management Repository node

Refer to *Oracle Enterprise Manager Grid Control Installation and Basic Configuration* for recommended CPU and memory allocation for the Management Service and Management Repository for Enterprise Manager deployments of various size.

Software Requirements

The system or systems must meet the minimum requirements for the operating system and the packages.

Operating System Requirements The operating system must be one of the following:

Note: Refer to Oracle*MetaLink's* "Certify and Availability" page for additional information about these platforms.

- Microsoft Windows NT
- Microsoft Windows 2000, 2002, and 2003
- Microsoft Windows XP (Service Pack 2)

Installing Oracle Enterprise Manager Grid Control

Once you have configured your system to meet hardware and software requirements, start Oracle Universal Installer (OUI) and install Grid Control as follows:

1. Start OUI by specifying the full path to the `setup.exe` script.
2. The following table describes the recommended action for each OUI screen for the first two installation types.

If you need more assistance, click **Help** on that screen. If you have trouble with the installation, check out the "Troubleshooting" chapter of *Oracle Enterprise Manager Grid Control Installation and Basic Configuration*.

Installation Screen	Recommended Action
Specify Installation Type	Select one of the installation types provided. The complete installation type is chosen by default.
Specify Installation Location	Specify the "parent" directory location for the installation. All Oracle homes created during installation will be placed as subdirectories under the parent directory.
Language Selection	Select the languages to run Grid Control in. The language you specify here is not the language of the installation session.

Installation Screen**Recommended Action**

Product-Specific Prerequisite Checks

Verify that all prerequisite checks succeed.

OUI checks the system to verify that it is configured correctly to support your Oracle software. If you have met all hardware and software requirements in this guide, all of the checks should pass.

If a check fails, review the cause of failure, rectify the problem, and retry the check. You can also choose to manually verify failed checks if you are satisfied that your system meets the requirements.

Specify Configuration

Appears only for the "Enterprise Manager Grid Control Using a New Database" installation type.

Specify the name of the database you want to create, as well as the location to store the Management Repository files. Choose a file location outside of the Oracle home.

Installation Screen	Recommended Action
Specify Repository Database Configuration	<p>Appears only for the "Enterprise Manager Grid Control Using an Existing Database" installation type.</p> <p>Specify the database connection details for your existing, qualified database, as well as the locations for the new Management Repository tablespaces.</p>
Specify Optional Configuration	<p>All parameters can be configured through Grid Control after installation.</p> <p>If you want, set the parameters for email notification, Oracle<i>MetaLink</i> credentials, and proxy configuration settings.</p>
Specify Security Options	<p>Appears only for the "Enterprise Manager Grid Control Using a New Database" installation type.</p> <p>Specify password used to secure the Management Service, as well as passwords to secure the Management Repository Database.</p>

Installation Screen	Recommended Action
Specify Passwords	Appears only for the "Enterprise Manager Grid Control Using an Existing Database" installation type. Specify the password used to secure the Management Service, as well as the SYSMAN password.
Summary	Review the information displayed here, then click Install .
Install	This screen displays status information while the product is being installed.
Configuration Assistants	Displays status information for configuration assistants
End of Installation	Contains important information about your installation, including the URLs configured for your applications. Make a note of these URLs. The port numbers used in these URLs are recorded in the following file: <AGENT HOME>/install/portlist.ini

Other Installation or Upgrade Options

In addition to performing a complete Grid Control installation, either using the embedded database or an existing, qualified one, you can perform the following other installation or upgrade operations:

- Install an additional Management Service.
- Install the Management Agents using:
 - [Using the Agent Deployment Application](#)
 - [Using the agentDownload.vbs Script](#)
- Upgrade a previous, qualified version of Enterprise Manager Grid Control. Existing versions of Enterprise Manager will be automatically detected.

Refer to *Oracle Enterprise Manager Grid Control Installation and Basic Configuration* for detailed information and instructions on all of the above operations.

Using the Agent Deployment Application

You can install the Management Agents using the Agent Deployment application. This application is part of the Grid Control installation, and can be used to "push" Management

Agents from a central location to one or more target hosts in a single operation. The Agent Deployment application uses the complete Cygwin suite (full collection of the software tools packaged in Cygwin). This application uses ssh to "push" the agents to a target host. The ssh connectivity is established by following script:

```
<OMS_HOME>/sysman/prov/resources/scripts  
/sshConnectivity.sh
```

Before running this script, make sure that MSKNT and OpenSSH are not be running on the target host. To initiate a deployment operation, click **Install Agent** on the Grid Control Deployments page. For more details, refer to the "Installing the Management Agent Using Agent Deploy" section in *Oracle Enterprise Manager Installation and Basic Configuration*.

Using the agentDownload.vbs Script

You can install the Management Agents using the agent-Download.vbs script. Launch this script on each target host to "pull" files from a central staging location. To obtain the agent-Download script:

1. Download the Win32_Grid_Control_agent_download_10_2_0_2.0.zip file from OTN:

<http://www.oracle.com/technology/software/products/oem/htdocs/agentsoft.html>

2. Copy the downloaded file to the <OMS_HOME>/sysman/agent_download/10.2.0.2.0 directory.

Note: Create the <OMS_HOME>/sysman/agent_download/10.2.0.2.0 directory, if it does not exist.

3. Go to this directory by executing the following:

```
cd <OMS_HOME>/sysman/agent_download/10.2.0.2.0
```

When you are here, confirm that the size and checksum calculation of the downloaded file match the information specified on the OTN download page.

4. Unzip this file by executing the following command:

```
<OMS_HOME>/bin/unzip.exe Win32_Grid_Control_
agent_download_10_2_0_2_0.zip
```

5. After unzipping, the agentdownload.vbs will be available at <OMSHOME>/sysman/agent -


```
download/10.2.0.2.0/win32/  
agentDownload.vbs.
```

6. If `agent_download.rsp` does not exist in the `<OMS_HOME>/sysman/agent_download/10.2.0.2.0` directory, do the following:
 1. Execute `mv agent_download.rsp.bak agent_download.rsp`.
 2. Edit `agent_download.rsp` and modify `s_OMSHost="%s_hostname%"` and `s_OMSPort="%s_OMSPort%"` variables with the correct `OMSHost` and `OMSPort` values.

For example:

```
s_OMSHost="acme.foo.us.com"  
s_OMSPort="4889"
```

7. Download the `agentDownload.vbs` on the machine where you want to install the Management Agent by following these steps:
 1. Log into the target host.
 2. Bring up the browser window.

3. Download the agentDownload script from http://OMSHOST.ACME.COM:4889/agent_download/10.2.0.2.0/<win32>/agentDownload.vbs

where OMSHOST.ACME.COM is the host machine on which the Oracle Management Service has been installed.

Note: Before executing the agentDownload.vbs script, ensure *Windows Script Host version 5.6* is installed on the target host. This is required for the script to be executed successfully.

8. Navigate to the directory where the agentDownload script is available and run agentDownload.vbs by executing the following command:

```
CScript.exe agentDownload.vbs b <ORACLE_HOME>  
m <OMS_HOST> r <HTTPport>
```

For example,

```
CScript.exe agentDownload.vbs b C:\foo m  
foo.us.abc.com r 4889
```

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This document includes the following sections:

- Accessibility Instructions
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- Documentation Accessibility