

Agile

Version e6.1

ORACLE

# Oracle® Agile Engineering Data Management

Installation Manual for Oracle Application Server  
10.1.3 on Windows for Agile e6.1.1

Part No. E15608-01

August 2009



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# Preface

The Oracle documentation set includes Adobe® Acrobat™ PDF files. The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) (<http://www.oracle.com/technology/documentation/agile.html>) contains the latest versions of the Oracle Agile EDM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Oracle Documentation folder available on your network from which you can access the documentation (PDF) files.

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**Note** To read the PDF files, you must use the free Adobe Acrobat Reader™ version 7.0 or later. This program can be downloaded from the [Adobe Web site](http://www.adobe.com) (<http://www.adobe.com>).

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**Note** Before calling Agile Support about a problem with an Oracle Agile EDM manual, please have the full part number, which is located on the title page.

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## TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

## Readme

Any last-minute information about Oracle Agile EDM can be found in the Release Notes file on the [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile_eseries.html) ([http://www.oracle.com/technology/documentation/agile\\_eseries.html](http://www.oracle.com/technology/documentation/agile_eseries.html))

## Agile Training Aids

Go to the [Oracle University Web page](http://www.oracle.com/education/chooser/selectcountry_new.html) ([http://www.oracle.com/education/chooser/selectcountry\\_new.html](http://www.oracle.com/education/chooser/selectcountry_new.html)) for more information on Agile Training offerings.

## Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

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# Introduction

This guide describes how to install Oracle Application Server 10.1.3.1 and 10.1.3.3 patch under Windows 2003 and 10.1.3.4 patch under Windows 2008.

Oracle Application Server 10g Release 3 (10.1.3.1.0) provides the Oracle SOA Suite, which is a complete set of service infrastructure components for creating, deploying, and managing Service Oriented Architectures. Oracle SOA Suite enables services to be created, managed, and orchestrated into composite applications and business processes.

## Where to Go for More Information

For additional information refer to the Oracle® Application Server Installation Guides 10g Release 3 (10.1.3.1.0) for Microsoft Windows located at:

[http://download.oracle.com/docs/cd/B31017\\_01/nav/docindex.htm](http://download.oracle.com/docs/cd/B31017_01/nav/docindex.htm)





## Chapter 2

# Hardware and Software Requirements

Operating system	<ul style="list-style-type: none"> <li>▫ Microsoft Windows Server 2003 (32-bit) with Service Pack 1 or higher</li> <li>▫ Microsoft Windows Server 2003 Release 2</li> <li>▫ Microsoft Windows 2008 64-bit</li> </ul> <hr/> <p><b>Note</b> Oracle Application Server can be installed on Windows operating systems that include Terminal Services. However, Oracle Application Server cannot be installed or controlled by the Terminal Services remote client.</p>
64-bit certification	<p>The 32-bit version of Oracle Application Server for Windows runs on Intel x86, AMD64, and Intel EM64T processors.</p> <p>The following 64-bit operating systems are supported:</p> <ul style="list-style-type: none"> <li>▫ Microsoft Windows Server 2003, Standard x64 Edition</li> <li>▫ Microsoft Windows Server 2003, Enterprise x64 Edition</li> <li>▫ Microsoft Windows Server 2003, Datacenter x64 Edition</li> <li>▫ Microsoft Windows Server 2008 64-bit</li> </ul> <hr/> <p><b>Note</b> 32-bit version of Microsoft Windows Server 2008 is not supported</p>
Network	<p>You can install Oracle Application Server on a computer that is connected to a network, or on a "standalone" computer (not connected to the network).</p> <p>If you are installing Oracle Application Server on a standalone computer, you can connect the computer to a network after installation. You have to perform some configuration tasks when you connect it to the network.</p>
IP	<p>You can install Oracle Application Server on a computer that uses static IP or DHCP-based IP.</p>
Hostname	<p>Ensure that your hostnames are not longer than 255 characters.</p>
Hardware	<p>For detailed information on hardware requirements please refer to the document "Hardware Sizing Recommendations for Agile e6.1.1".</p>

File system type	NTFS is recommended over FAT32 or FAT file system types because NTFS includes security features such as enforcing permission restrictions on files.
Disk space	Min 500MB required.
Space in TEMP directory	80 MB to run the installer, but you need 150 MB to install Oracle Application Server.
Total Page file size (virtual memory)	512 MB (virtual memory) In a production environment, Oracle recommends a minimum of 1 GB.
Monitor	256 color display as minimal requirement.
Supported browser	<ul style="list-style-type: none"><li>▫ Microsoft Internet Explorer 6.0 SP2 (supported on Microsoft Windows only) or higher</li><li>▫ Netscape 7.2 or higher</li><li>▫ Mozilla 1.7 or higher</li><li>▫ Firefox 1.0.4 or higher</li><li>▫ Safari 1.2, 2.0 or higher</li></ul>

## Chapter 3

# Download OAS Patch Set for Agile Engineering Data Management (Release e6.1.1)

### Microsoft Windows 2008 64-bit

Download and uncompress the [Oracle® Application Server 10g Release 3 \(10.1.3\) Media Pack for Microsoft Windows](#) x64 from Oracle eDelivery website.

Download the Oracle Application Server 10.1.3.4 Patch Set for Agile Engineering Data Management (Release e6.1.1) for Microsoft Windows x64 (64-bit) from Oracle eDelivery web site.

The downloaded zip package contains the directory Agile\_e611\_patches\_MSWIN64

### Microsoft Windows 2003 32-bit

Download and uncompress the [Oracle® Application Server 10g Release 3 \(10.1.3\) Media Pack for Microsoft Windows](#) from Oracle eDelivery website.

Download the Oracle Application Server 10.1.3.3 Patch Set for Agile Engineering Data Management (Release e6.1.1) for Microsoft Windows (32 or 64-bit) from Oracle eDelivery web site.

The downloaded zip package contains the directory Agile\_e611\_patches\_MSWIN.



## Chapter 4

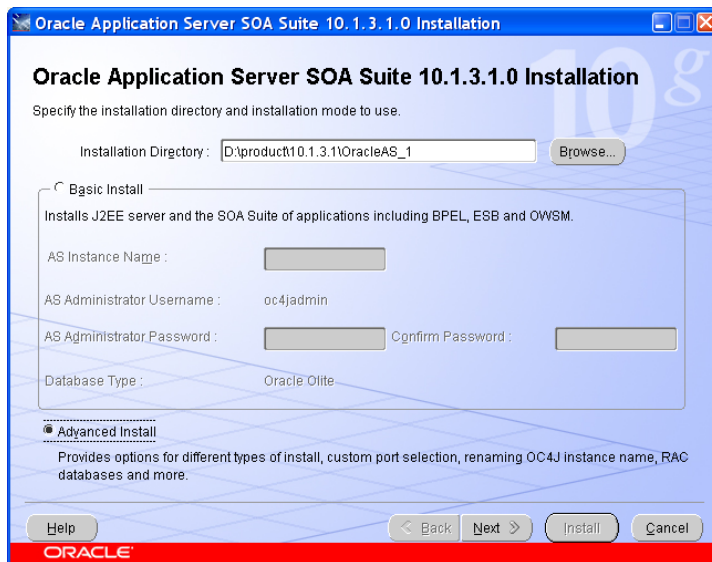
# Installing Oracle Application Server 10.1.3.1.0

This chapter provides instructions for installing the Oracle Application Server 10.1.3.1.0 for use with Agile e6.1.1.

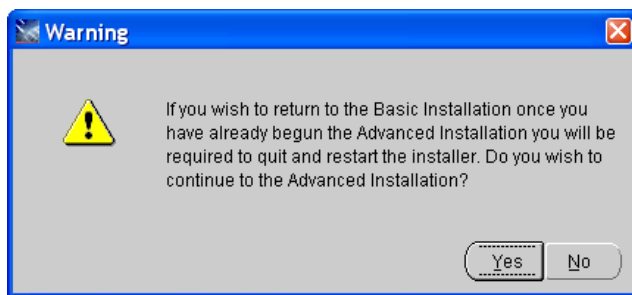
1. Insert the Oracle media and start setup.exe. Select Advanced Installation and click Next.

**Note** On Windows Server 2008 only, SOA 10.1.3.1.0 must be installed using the patch 6712338.  
This requires to execute the setup.exe with the parameters listed below:

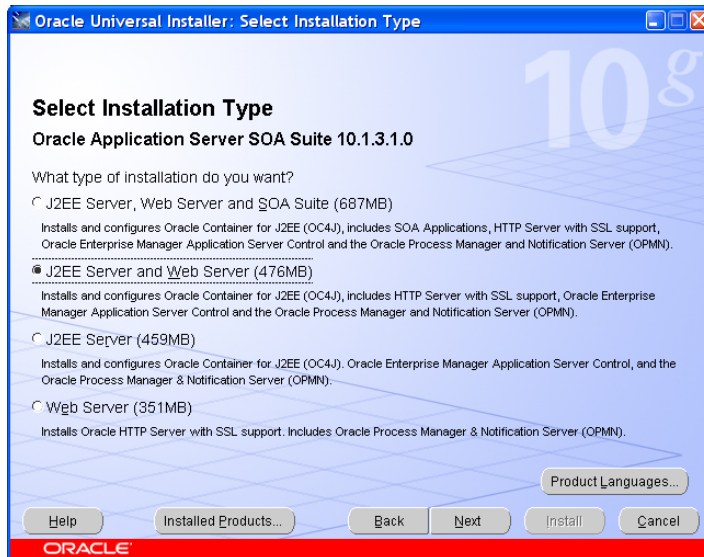
- `setup.exe -paramFile Agile_e611_patches_MSWIN64\oas\6712338\loraparam.ini`  
where the full path to the directory Agile\_e611\_patches\_MSWIN64 must be specified – e.g.  
`setup.exe -paramFile d:\source\Agile_e611_patches_MSWIN64\oas\6712338\loraparam.ini`



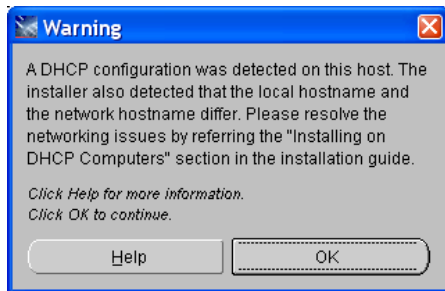
2. If you get the following warning message, ignore it. Click Yes to continue.



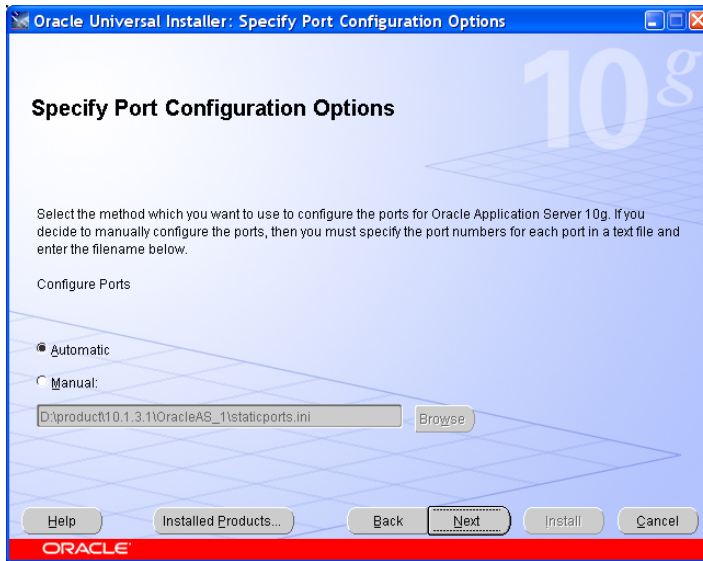
3. To install select J2EE Server and Web Server (476MB) and click on Next



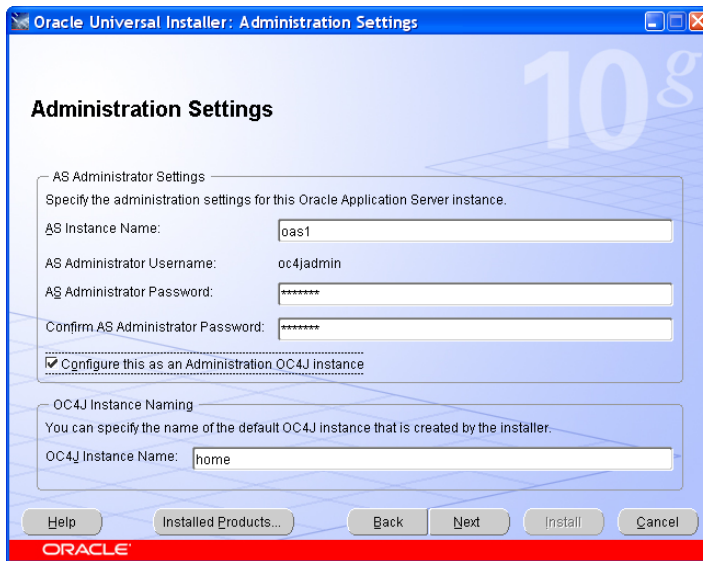
4. If you get the following warning message, ignore it. Click on OK.



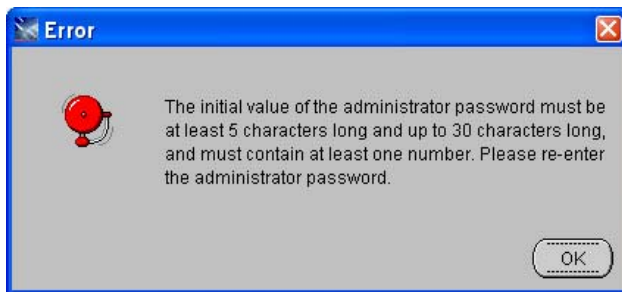
5. Select Automatic ports configuration and click on Next.



6. Enter the AS instance name and password for the user oc4jadmim. Select 'Configure this as an Administration OC4J Instance' option.

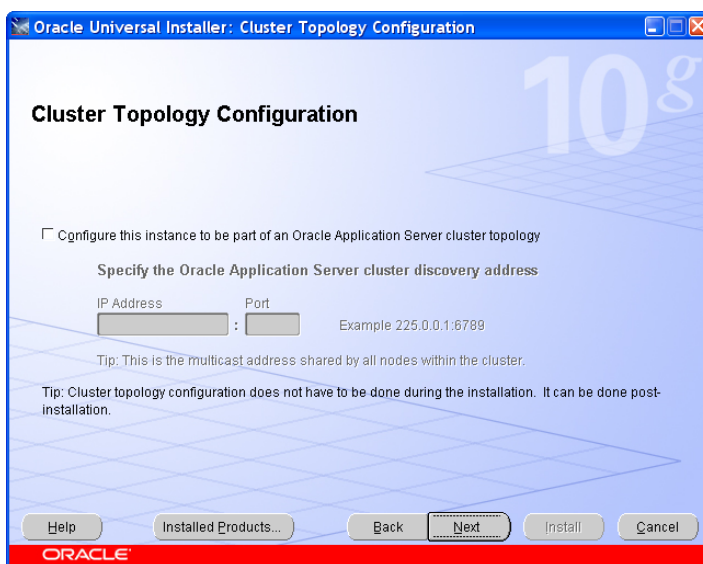


**Note** The password has to have a minimum of 6 characters and a maximum of 30 characters. If it is not obeyed, you will get the following error message:



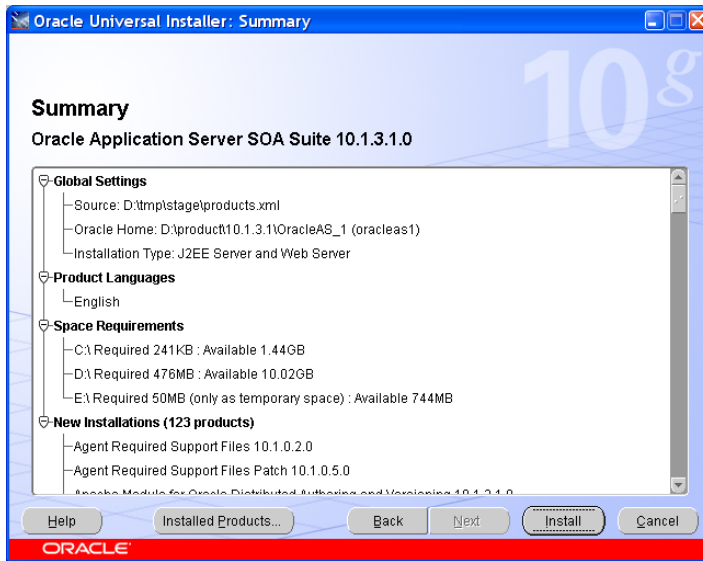
7. Click on OK and correct the password. After providing the correct data, click on Next to continue.

The Cluster Topology Configuration window is opened.

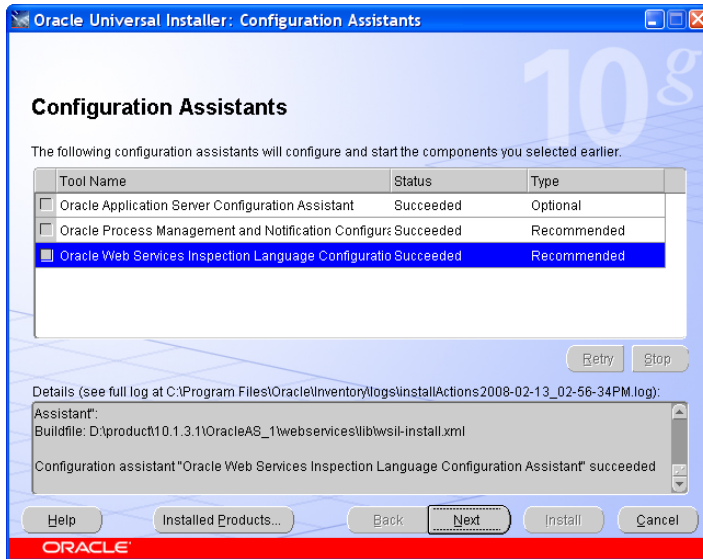


8. Click Next.
9. The Summary window appears. Click on Install to start the installation.



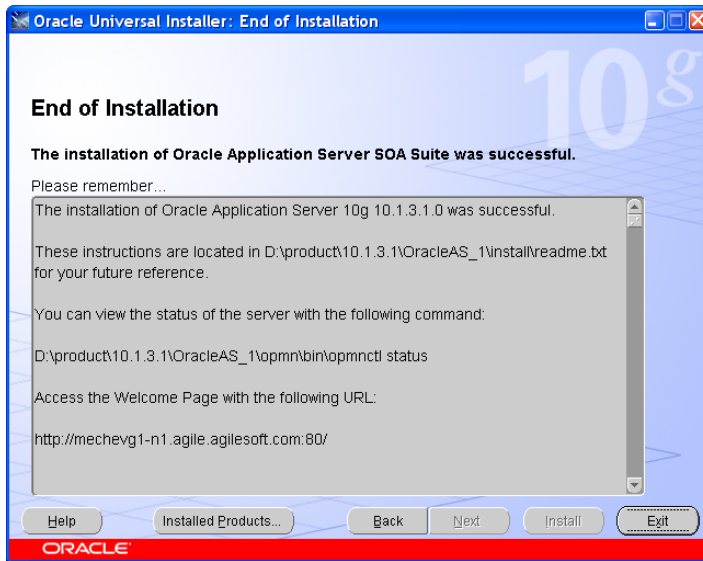


- The status of all configuration assistants launched after the Oracle Application Server installation have to be succeeded. Click on Next.

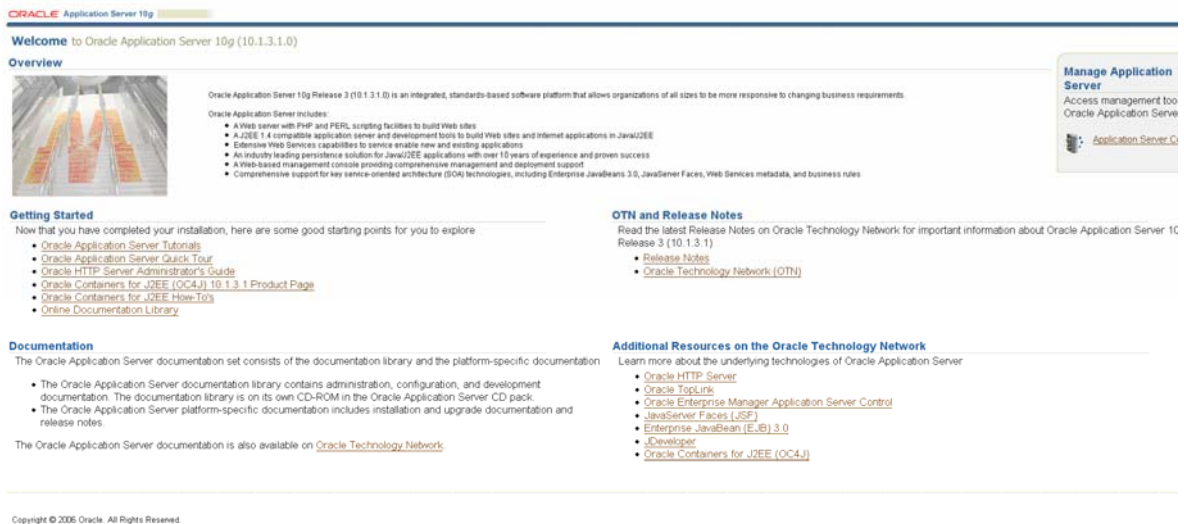


- End of the installation.

**Note** Copy the URL for the AS welcome page and click Exit. The URL is needed in the next step.



12. Verify that Oracle Application Server instance is up and running. Enter the URL from previous step in your browser. The Oracle Application Server welcome page is displayed.



13. Click on Application Server Control (the right side of the window). The Application Server Control login page is displayed.

ORACLE Enterprise Manager 10g  
Application Server Control

## Login

\* User Name

\* Password

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- Enter the password for user oc4jadmin and click on Login.  
The Application Server Control pain page is displayed.

**Cluster Topology** Page Refreshed Feb 13, 2008 3:12:49 PM CET • View Data | Manual Refresh

**Overview**  
Hosts 1 Application Servers 1  
OC4J Instances 1 HTTP Server Instances 1

**Members**  
View By: Application Servers

Select	Focus Name	Status	Type	Category	Host	CPU (%)	Memory (MB)
<input type="checkbox"/>	▼ All Application Servers						
<input type="checkbox"/>	oast1.mechevg1-n1.agile.agilesoft.com		Application Server		mechevg1-n1		
<input type="checkbox"/>	▶ home (JVMs: 1)		OC4J			3.54	109.64
<input type="checkbox"/>	HTTP_Server		Oracle HTTP Server			0.13	40.75

◆ Indicates the active ASControl instance.  
TIP If a parent topology member is selected all contained members are implicitly selected.

**Groups**  
A group is a collection of OC4J instances. Certain common management tasks can be performed simultaneously on all OC4J instances in a group. For more information, see [About Groups](#).

Select Name	OC4J Instance	Status	Application Server
<input checked="" type="checkbox"/> default_group	home		oast1.mechevg1-n1.agile.agilesoft.com

**Administration**

- Cluster MBean Browser
- Routing ID Configuration
- Java SSO Configuration
- Topology Network Configuration
- Runtime Ports

[Setup](#) | [Login](#) | [Help](#) | [Logout](#)

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About Oracle Enterprise Manager 10g Application Server Control



## Chapter 5

# Installing OPatch Tool

Before installing Oracle Application Server 10.1.3.x patch, the latest OPatch patch has to be installed. Follow the instruction below to install the Opatch patch.

### Microsoft Windows 2008 64-bit

Refer to the downloaded Oracle Application Server 10.1.3.4 Patch Set for Agile Engineering Data Management (Release e6.1.1) for Microsoft Windows x64 (64-bit).

1. Prior to performing the Oracle Application Server 10.1.3.4 patch installation, it is necessary first to copy the Opatch tool found in the patchset using the instructions in Steps 2-4.
2. Rename the directory %ORACLE\_HOME%\OPatch to %ORACLE\_HOME%\OPatch\_bak ((%ORACLE\_HOME% is Oracle Application Server's home).
3. Copy the complete directory Agile\_e611\_patches\_MSWIN64\oas\OPatch to %ORACLE\_HOME%. The existing OPatch directory has been replaced, thus the latest version of Oracle OPatch tool is available now.
4. To verify that the latest OPatch is available now, simply go to directory %ORACLE\_HOME%\OPatch and execute the bat file opatch.bat. The first line must be: Oracle Interim Patch Installer version 1.0.0.0.57.

### Microsoft Windows 2003 32-bit

Refer to the downloaded Oracle Application Server 10.1.3.3 Patch Set for Agile Engineering Data Management (Release e6.1.1) for Microsoft Windows (32 or 64-bit).

1. Prior to performing the Oracle Application Server 10.1.3.3 patch installation, it is necessary first to copy the OPatch tool found in the patchset using the instructions in Steps 2-4.
2. Rename the directory %ORACLE\_HOME%\OPatch to %ORACLE\_HOME%\OPatch\_bak ((%ORACLE\_HOME% is Oracle Application Server's home).
3. Copy the complete directory Agile\_e611\_patches\_MSWIN\oas\OPatch to %ORACLE\_HOME%. The existing OPatch directory has been replaced, thus the latest version of Oracle OPatch tool is available now.
4. To verify that the latest OPatch is available now, simply go to directory %ORACLE\_HOME%\OPatch and execute the bat file opatch.bat. The first line must be: Oracle Interim Patch Installer version 1.0.0.0.62.



## Chapter 6

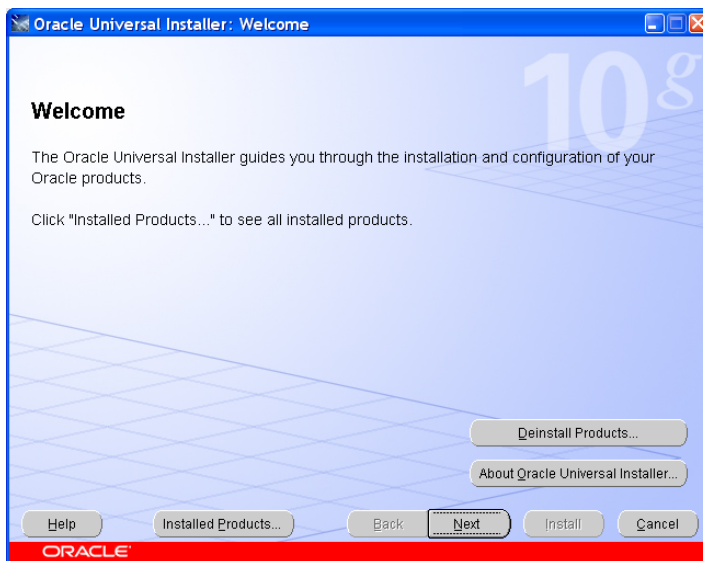
# Installing the Oracle Application Server Patch 10.1.3.3/10.1.3.4

Installation steps for 10.1.3.4 patch installation (Microsoft Windows 2008 only) and 10.1.3.3 (Microsoft Windows 2003) are similar, just the patch version is 10.1.3.4 for Microsoft Windows 2008 and 10.1.3.3 for Microsoft Windows 2003 (seen on the screenshots).

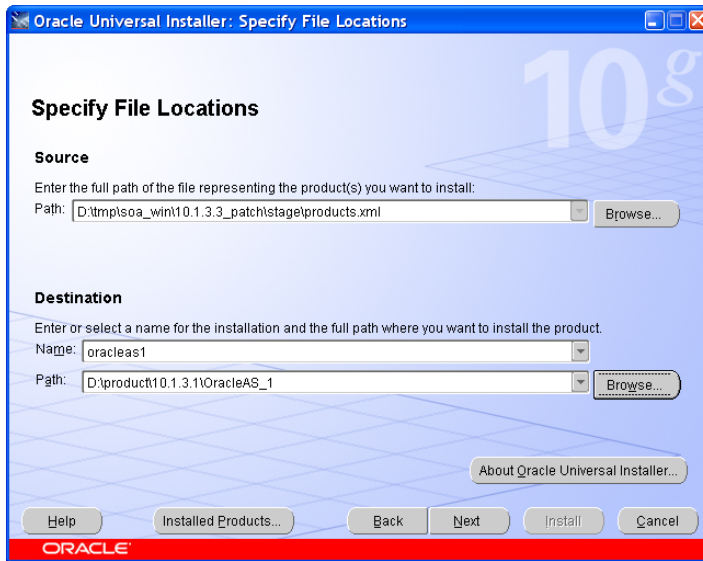
1. For Microsoft Windows 2008 only - go to directory Agile\_e611\_patches\_MSWIN64\oas\patches\10\_1\_3\_4\Disk1 and start Oracle Universal Installer – setup.exe

For Microsoft Windows 2003 only - go to directory Agile\_e611\_patches\_MSWIN\oas\patches\10\_1\_3\_3\Disk1 and start Oracle Universal Installer – setup.exe

2. When the Installer is opened, click Next.



3. Select Oracle Home (where AS was installed in the previous steps) name and path and click Next.



4. Ensure that OC4J instances are up and click OK. If the Oracle Application Server installation was successful, they should be up. You can check if they are up if you log on to AS control (see the screenshot above).

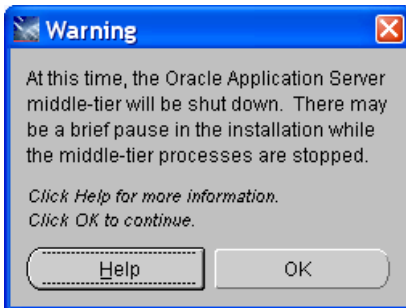


5. Enter oc4jadmin password and click Next.

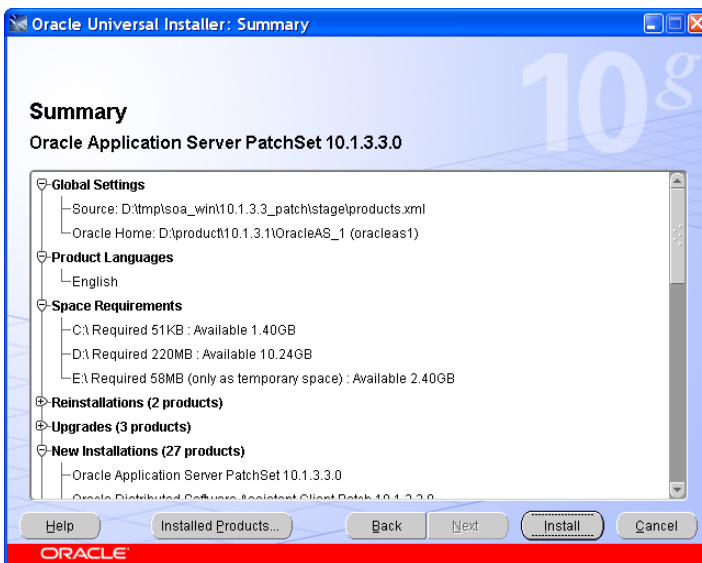




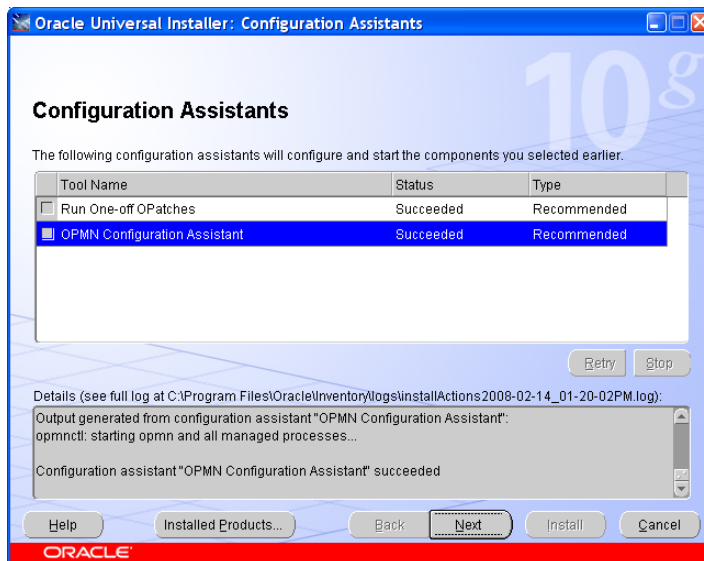
6. Click OK.



7. The Summary window appears. Click on Install.



- The status of the configuration assistant launched after the Oracle Application Server installation has to be succeeded. Click on Next.



- The installation is finished. Click on Exit to close the installer.



## Chapter 7

# Appendix

Appendix A provides an overview of opmnctl commands for Oracle Application Server components managed by OPMN.

- **Opmnctl**  
Is the supported tool for starting and stopping all components in an Oracle Application Server instance, with the exception of the Oracle Enterprise Manager 10g Application Server Control Console (Application Server Control Console).
- **opmnctl**  
This command is located in the following directory locations:
  - (Linux) \$ORACLE\_HOME/opmn/bin/opmnctl
  - (Microsoft Windows) %ORACLE\_HOME%\opmn\bin\opmnctl
- **opmnctl status**  
Allows to determine the status of OPMN-managed processes
  - (-l: Use this option to obtain the uniqueid (uid) value and other specific process parameter information.)
- **opmnctl ping**  
This command enables you to contact the local OPMN server to verify operation.
- **opmnctl start**  
Use this command to start the OPMN server for a local Oracle Application Server instance without starting OPMN-managed processes.
- **opmnctl startall**  
Use this command to start OPMN as well as the OPMN managed processes for a local Oracle Application Server instance.
- **opmnctl stopall**  
Use the command to shut down the OPMN server as well as the OPMN-managed processes for the local Oracle Application Server instance.
- **opmnctl shutdown**  
Use the command to shut down the OPMN server as well as the OPMN-managed processes for the local Oracle Application Server instance.
- **opmnctl reload**  
This command restarts the OPMN server without restarting any Oracle Application Server processes managed by OPMN.
- Complete opmnctl reference can be found in Oracle® Process Manager and Notification Server Administrator's Guide 10g Release 3 (10.1.3) B15976-01

