

Oracle® Enterprise Manager

Grid Control Release Notes: Application Diagnostics for Java Version 2

10g Release 4 (10.2.0.4.0)

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This document contains the Release Notes for Oracle® Enterprise Manager 10g Release 4 Grid Control (10.2.0.4.0) - Application Diagnostics for Java Version 2 released in March, 2008. You can find the following information in this document::

- [Documentation Availability](#)
- [What's New](#)
- [Bundle Content](#)
- [Install and Upgrade Notes](#)
- [Complete List of Supported JVMs, Platforms and Application Servers](#)
- [Known Issues](#)
- [Documentation Accessibility](#)

1 Documentation Availability

You can access the latest documentation for Oracle Application Diagnostics for Java from Oracle Technology Network (OTN) available at:

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

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2 What's New

This release enhances Oracle AD4J Java agent to support many JVMs versions on different platforms. Following are the new JVM versions and platforms Oracle AD4J Java agent support for new JVMs and Platforms.

Windows32

SUN JVM 1.4.2_16

SUN JVM 1.5.0_13

SUN JVM 1.5.0_14

SUN JVM 1.6.0_0

SUN JVM 1.6.0_04

Solaris SPARC 64:

SUN JVM 1.5.0_08

SUN JVM 1.5.0_10

SUN JVM 1.5.0_14

Solaris SPARC 32:

SUN JVM 1.4.2_16
SUN JVM 1.5.0_13
SUN JVM 1.5.0_14
SUN JVM 1.6.0_0
SUN JVM 1.6.0_01
SUN JVM 1.6.0_02
SUN JVM 1.6.0_03
SUN JVM 1.6.0_04

Linux x86 64:

SUN JVM 1.5.0_07
SUN JVM 1.5.0_08
SUN JVM 1.5.0_10
SUN JVM 1.5.0_11
SUN JVM 1.5.0_14

Linux x86 32:

SUN JVM 1.4.2_0
SUN JVM 1.4.2_16
SUN JVM 1.5.0_13
SUN JVM 1.5.0_14
SUN JVM 1.6.0_0
SUN JVM 1.6.0_01
SUN JVM 1.6.0_03
SUN JVM 1.6.0_04
IBM JVM 1.4.2_6P3
IBM JVM 1.4.2_7
IBM JVM 1.4.2_8
IBM JVM 1.4.2_9

HPUX PA-RISC 32:

HP JVM 1.4.2.15
HP JVM 1.5.0.03
HP JVM 1.5.0.06
HP JVM 1.5.0.10

New Application Servers

Enhanced Oracle AD4J Java agent to support Oracle Application Server 10g Standalone OC4J.

3 Bundle Content

This bundle contains the Oracle AD4J Console for installing on three main platforms:

- Linux - lnx/jamserv.zip
- Solaris - sun/jamserv.zip
- Windows - win/jam.msi

Each console bundle contains the agents for all supported platforms. The Windows directory also contains upgrade.zip for upgrading Windows consoles.

To install the product, please follow the instructions available at

<http://download.oracle.com/docs/cd/B1624001/doc/install.102/e11085/toc.htm>

4 Install and Upgrade Notes

Oracle AD4J Installation and configuration documents are available at the following locations on OTN.

Oracle Application Diagnostics for Java Installation Guide

http://download.oracle.com/docs/cd/B16240_01/doc/install.102/e11085/toc.htm

Oracle Application Diagnostics for Java (Oracle AD4J) Administration and Reference Guide

<http://download.oracle.com/docs/cd/B1624001/doc/admin.102/e11084/toc.htm>

Oracle® Enterprise Manager 10g Release 4 Grid Control (10.2.0.4.0) - Application Diagnostics for Java Version 2 supports manual upgrade of Oracle AD4J version 10.2.0.4. It does not support automatic upgrade of the previous installation.

Follow these steps to manually upgrade if you have a previous installation of Oracle AD4J console

Manual Upgrade of the Linux or Solaris Console:

1. Undeploy the AD4J agents on the monitored app servers.
2. Shut down the console.
3. Unzip jamserv.zip (from appropriate lnx or sun directory) to the /tmp directory.
4. Replace your existing jamserv/jam directory with /tmp/jamserv/jam.
5. Restart the console.
6. Log into the console, navigate to the Download Agent page, and rebuild the wars.
7. Download the agent and deploy to the monitored app servers.

Manual Upgrade of the Windows Console

1. Undeploy the AD4J agents on the monitored Application Servers.
2. Shut down the console.
3. Unzip ad4j_10.2.0.4.0_win32_upg.zip to jamserv directory..

4. Restart the console.
5. Log into the console, navigate to the Download Agent page, and rebuild the wars.
6. Download the agent and deploy to the monitored Application Servers.

5 Complete List of Supported JVMs, Platforms and Application Servers

Linux x86 64 bit JVM

Sun JVM 1.5.0_07

Sun JVM 1.5.0_08

Sun JVM 1.5.0_10

Sun JVM 1.5.0_11

Sun JVM 1.5.0_14

x86 Linux 32 bit JVMs (Kernel 2.4 , 2.6)

Sun JVM's 1.3.1_00 - 1.3.1_20

Sun JVM's 1.4.2_00 - 1.4.2_16

Sun JVM's 1.5.0_00 - 1.5.0_14

Sun JVM 1.6.0_0 – 1.6.0_04

IBM JVM 1.4.2_6P3

IBM JVM 1.4.2_SR7

IBM JVM 1.4.2_SR8

IBM JVM 1.4.2_SR9

IBM JVM's 1.4.2_SR0, 1.4.2_SR5, 1.4.2_SR6

SPARC Solaris 32 bit JVMs (OS Version 8, 9, 10)

Sun JVM's 1.3.1_00 - 1.3.1_20

Sun JVM's 1.4.2_00 - 1.4.2_16

Sun JVM's 1.5.0_00 - 1.5.0_14

Sun JVM 1.6.0_0 – 1.6.0_04

SPARC Solaris 64 bit JVMs (OS Version 8, 9, 10)

Sun JVM 1.5.0_08

Sun JVM 1.5.0_10

Sun JVM 1.5.0_14

Windows32 (2000, 2003 server & XP)

Sun JVM's 1.4.2_0 - 1.4.2_16

Sun JVM's 1.5.0_00 - 1.5.0_14

SUN JVM 1.6.0_0 - SUN JVM 1.6.0_04

HP-UX PA-RISC 32

HP JVM's 1.3.1_07, 1.3.1_09, 1.3.1_19

HP JVM's 1.4.2_04 - 1.4.2_06

HP JVM 1.4.2.15

HP JVM 1.5.0.03

HP JVM 1.5.0.06

HP JVM 1.5.0.10

IBM-AIX

IBM JVM's 1.3.1_07, 1.3.1_08

While the product works with any Application Server, including standalone Java, we provide Application Server request and port support for the following Application Servers:

- Oracle Application Server
- BEA WebLogic
- IBM WebSphere
- SAP NetWeaver
- Tomcat
- Apache
- JBoss

6 Known Issues

None.

7 Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at

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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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, seven days a week. For TTY support, call 800.446.2398.

Oracle Enterprise Manager Grid Control Release Notes: Application Diagnostics for Java Version 2, 10g Release 4 (10.2.0.4.0)

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