



Sun Java Enterprise System 5 Release Notes for Microsoft Windows



Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054
U.S.A.

Part No: 819-5685-10
February 2007

Copyright 2007 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology embodied in the product that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more U.S. patents or pending patent applications in the U.S. and in other countries.

U.S. Government Rights – Commercial software. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

This distribution may include materials developed by third parties.

Parts of the product may be derived from Berkeley BSD systems, licensed from the University of California. UNIX is a registered trademark in the U.S. and other countries, exclusively licensed through X/Open Company, Ltd.

Sun, Sun Microsystems, the Sun logo, the Solaris logo, the Java Coffee Cup logo, docs.sun.com, Java, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries. Products bearing SPARC trademarks are based upon an architecture developed by Sun Microsystems, Inc.

The OPEN LOOK and Sun™ Graphical User Interface was developed by Sun Microsystems, Inc. for its users and licensees. Sun acknowledges the pioneering efforts of Xerox in researching and developing the concept of visual or graphical user interfaces for the computer industry. Sun holds a non-exclusive license from Xerox to the Xerox Graphical User Interface, which license also covers Sun's licensees who implement OPEN LOOK GUIs and otherwise comply with Sun's written license agreements.

Products covered by and information contained in this publication are controlled by U.S. Export Control laws and may be subject to the export or import laws in other countries. Nuclear, missile, chemical or biological weapons or nuclear maritime end uses or end users, whether direct or indirect, are strictly prohibited. Export or reexport to countries subject to U.S. embargo or to entities identified on U.S. export exclusion lists, including, but not limited to, the denied persons and specially designated nationals lists is strictly prohibited.

DOCUMENTATION IS PROVIDED "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED, EXCEPT TO THE EXTENT THAT SUCH DISCLAIMERS ARE HELD TO BE LEGALLY INVALID.

Copyright 2007 Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 U.S.A. Tous droits réservés.

Sun Microsystems, Inc. détient les droits de propriété intellectuelle relatifs à la technologie incorporée dans le produit qui est décrit dans ce document. En particulier, et ce sans limitation, ces droits de propriété intellectuelle peuvent inclure un ou plusieurs brevets américains ou des applications de brevet en attente aux États-Unis et dans d'autres pays.

Cette distribution peut comprendre des composants développés par des tierces personnes.

Certains composants de ce produit peuvent être dérivés du logiciel Berkeley BSD, licenciés par l'Université de Californie. UNIX est une marque déposée aux États-Unis et dans d'autres pays; elle est licenciée exclusivement par X/Open Company, Ltd.

Sun, Sun Microsystems, le logo Sun, le logo Solaris, le logo Java Coffee Cup, docs.sun.com, Java et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux États-Unis et dans d'autres pays. Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux États-Unis et dans d'autres pays. Les produits portant les marques SPARC sont basés sur une architecture développée par Sun Microsystems, Inc.

L'interface d'utilisation graphique OPEN LOOK et Sun a été développée par Sun Microsystems, Inc. pour ses utilisateurs et licenciés. Sun reconnaît les efforts de pionniers de Xerox pour la recherche et le développement du concept des interfaces d'utilisation visuelle ou graphique pour l'industrie de l'informatique. Sun détient une licence non exclusive de Xerox sur l'interface d'utilisation graphique Xerox, cette licence couvrant également les licenciés de Sun qui mettent en place l'interface d'utilisation graphique OPEN LOOK et qui, en outre, se conforment aux licences écrites de Sun.

Les produits qui font l'objet de cette publication et les informations qu'il contient sont régis par la législation américaine en matière de contrôle des exportations et peuvent être soumis au droit d'autres pays dans le domaine des exportations et importations. Les utilisations finales, ou utilisateurs finaux, pour des armes nucléaires, des missiles, des armes chimiques ou biologiques ou pour le nucléaire maritime, directement ou indirectement, sont strictement interdites. Les exportations ou réexportations vers des pays sous embargo des États-Unis, ou vers des entités figurant sur les listes d'exclusion d'exportation américaines, y compris, mais de manière non exclusive, la liste de personnes qui font objet d'un ordre de ne pas participer, d'une façon directe ou indirecte, aux exportations des produits ou des services qui sont régis par la législation américaine en matière de contrôle des exportations et la liste de ressortissants spécifiquement désignés, sont rigoureusement interdites.

LA DOCUMENTATION EST FOURNIE "EN L'ETAT" ET TOUTES AUTRES CONDITIONS, DECLARATIONS ET GARANTIES EXPRESSES OU TACITES SONT FORMELLEMENT EXCLUES, DANS LA MESURE AUTORISEE PAR LA LOI APPLICABLE, Y COMPRIS NOTAMMENT TOUTE GARANTIE IMPLICITE RELATIVE A LA QUALITE MARCHANDE, A L'APTITUDE A UNE UTILISATION PARTICULIERE OU A L'ABSENCE DE CONTREFACON.

Contents

1 Sun Java Enterprise System 5 Release Notes for Microsoft Windows	5
Component Release Notes	5
What's New in This Release?	6
Removed Features	6
Hardware and Software Platform Information	7
Operating Systems Supported by Java ES 5	7
Disk Space and RAM Requirements by Component	7
Web Browsers Supported by Java ES 5	8
Java 2 Platform Standard Edition Requirements	8
Known Issues and Limitations	9
Single Quote Not Allowed in Passwords and Root Suffix	9
Installing Access Manager 2005Q1 With SSL Enabled Directory Server	9
Access Manager SDK Configuration Causes Web Server Startup Failure Errors (6293225)	9
Web Server Services Do Not Start After a Successful Configuration in eval config Mode (6472285)	10
Web Proxy Server Services Do Not Start After a Successful Configuration in eval config Mode (6472289)	10
PS-SRA, FTP, And Netlet Does Not Work If the Reverse Lookup Is Not Configured in DHCP (6472391)	10
HADB Instance Is Not Starting in Application Server Suite (6480152)	10
Installer Does Not Detect Existing Installation of Sun Java WebConsole (6487548)	10
Java ES 5 Install Fails Unpredictably on the Machine With 1GByte RAM Memory (6496578)	11
Windows-Natives: Dlls From Windows System32 Conflict With Java ES Dlls (6496600) .	11
User Unable to Log into he Web Console After Installing on Windows XP SP2 OS (6498436)	12
Java ES 5 Windows Upgrade Using Configure Manually After Installation Option Creates Message Queue and High Availability but no Application Server Program Group (6500958)	12

The View Log Button on the Uninstall Complete Panel Does Not Display the Log Files (6505473)	12
Redistributable Files	13
Accessibility Features for People With Disabilities	13
Documentation, Support, and Training	13
Third-Party Web Site References	13
Sun Welcomes Your Comments	13

Sun Java Enterprise System 5 Release Notes for Microsoft Windows

This Release Notes for Microsoft Windows document contains important information about Sun™ Java™ Enterprise System (Java ES) 5. You can also access this document at <http://docs.sun.com/coll/1286.2>.

Read this document before you begin using Java ES in order to improve your overall installation and operation experience. Also read the component-level release notes for the Java ES components you will be using. This document covers the highlights of the issues affecting Java ES 5, whereas the component-level release notes describe application issues in detail. See “[Component Release Notes](#)” on page 5 for a listing of the available component-level release notes.

This Release Notes for Microsoft Windows document discusses the following topics:

- “[Component Release Notes](#)” on page 5
- “[What's New in This Release?](#)” on page 6
- “[Removed Features](#)” on page 6
- “[Hardware and Software Platform Information](#)” on page 7
- “[Known Issues and Limitations](#)” on page 9
- “[Redistributable Files](#)” on page 13
- “[Accessibility Features for People With Disabilities](#)” on page 13
- “[Documentation, Support, and Training](#)” on page 13

Component Release Notes

All the component specific information appears in the respective component release notes. The following component release notes can be found at <http://docs.sun.com/coll/1315.2>.

- Access Manager – *Sun Java System Access Manager 7.1 Release Notes for Microsoft Windows*
- Application Server – *Sun Java System Application Server Enterprise Edition 8.2 Release Notes for Microsoft Windows*.

- Directory Server and Directory Proxy Server – *Sun Java System Directory Server Enterprise Edition 6.0 Release Notes*
- Message Queue – *Sun Java System Message Queue 3.7 UR1 Release Notes for Microsoft Windows*
- Portal Server – *Sun Java System Portal Server 7.1 Release Notes for Microsoft Windows*
- Service Registry – *Service Registry 3.1 Release Notes for Microsoft Windows*
- Web Proxy Server – *Sun Java System Web Proxy Server 4.0.4 Release Notes for Microsoft Windows*
- Web Server – *Sun Java System Web Server 7.0 Release Notes for Microsoft Windows*

What's New in This Release?

The following list summarizes the major enhancements and additions. For more details, see the release notes for the individual components of Java ES.

- A new major version of Directory Server, including a new major version of Directory Proxy Server as a subcomponent
- A new major version of Portal Server
- A new major version of Web Server
- Java DB (Access Manager dependent)
- Improved system-wide monitoring capabilities and the addition of a monitoring console

Removed Features

Sun Microsystems has excluded the communication products from the Sun Java Enterprise System entitlement.

Beginning with the upcoming Java ES 5 release, communication products will be available as part of the Sun Java Communications Suite or as individual products. Communication products will no longer be installed through the Java Enterprise System installer.

Communication products affected include:

- Sun Java System Messaging Server
- Sun Java System Calendar Server
- Sun Java System Instant Messaging
- Sun Java System Communications Express
- Sun Java System Directory Preparation Tool
- Sun Java System Communications Services Delegated Administrator

This change in entitlement does not affect the currently shipping communication products in Java Enterprise System 2005Q4. If you have communication products installed, no change will occur to your current entitlement.

Hardware and Software Platform Information

Operating Systems Supported by Java ES 5

Java ES 5 supports these operating systems:

- Windows 2000 Advanced Server SP4
- Windows XP SP2
- Windows 2003 Enterprise Server SP1 (32-bit)
- Windows 2003 Enterprise Server SP1 (64-bit)

Disk Space and RAM Requirements by Component

The following table lists the disk installation and RAM requirements for the various components that comprise Java ES 5.

Component	Minimum Disk Space for Installation	RAM Requirements for Installation
Access Manager	Minimum 512 MBytes of disk space for Access Manager and associated applications. 1 GByte is recommended.	512 MBytes RAM for initial testing. 1 GByte for threads, Access Manager SDK, HTTP server, and other internals.
Application Server	With Sun Java System Studio: Minimum 512 MBytes of disk space. 1 GByte is recommended.	Minimum 512 MBytes RAM. 1 GByte is recommended.
Message Queue	100 MBytes of disk space.	256 MBytes RAM
Portal Server, Portal Server SRA	1 GByte of disk space.	Minimum 1 GByte RAM. 2 GBytes is recommended.
Service Registry	512 MBytes	Minimum 512 MBytes RAM. 1 GBytes is recommended.
Web Proxy Server	512 MBytes of disk space.	512 MBytes RAM
Web Server	Minimum 512 MBytes of disk space. 1 GByte is recommended.	Minimum 512 MBytes RAM. 1 GByte is recommended.

Component	Minimum Disk Space for Installation	RAM Requirements for Installation
Directory Proxy Server	300 MBytes disk space. For evaluation purposes, an additional 2 GBytes local disk space per server instance is sufficient to hold server logs when the default configuration is used.	1-2 GBytes for evaluation purposes. At least 4 GBytes for production servers.
Directory Server	300 MBytes disk space. For evaluation purposes, an additional 2 GBytes local disk space for server software might be sufficient.	1-2 GBytes for evaluation purposes. At least 4 GBytes for production servers.

For more information on disk space and RAM requirements, refer to the respective component release notes.

Web Browsers Supported by Java ES 5

Web-based administrative interfaces provided by Java ES 5 components support at least the following web browsers:

- Firefox 1.0.7 on Windows 2000 and XP
- Mozilla 1.7.12 on Windows 2000 and XP
- Netscape™ Communicator 8.0.4 on Windows 2000 and XP
- Microsoft Internet Explorer 6.0 SP1 on Windows 2000
- Microsoft Internet Explorer 6.0 SP2 on Windows XP

For information about the web browsers supported by the end user web interfaces provided by Java ES 5 components, refer to the release notes for the component that provides the interface. Release notes for Java ES 5 components are available at <http://docs.sun.com/coll/1315.2>.

Java 2 Platform Standard Edition Requirements

Java Enterprise System is certified with and includes Java 2 Platform Standard Edition (J2SE™ platform) 1.5 update 7.

Known Issues and Limitations

This section lists known issues in this release.

Single Quote Not Allowed in Passwords and Root Suffix

In passwords such as for `amadmin` and the Directory Server root suffix, Access Manager does not support a single quote (`\'`). However, the back-slash (`\\`) is supported.

Installing Access Manager 2005Q1 With SSL Enabled Directory Server

If Directory Server is already installed and SSL is enabled, the Directory Server must also listen on a non SSL (LDAP) port. Access Manager must be configured to use the LDAP port, otherwise the installation of Access Manager fails.

After Access Manager has been configured to use the LDAP port, the user may disable the LDAP port.

Access Manager SDK Configuration Causes Web Server Startup Failure Errors (6293225)

In Access Manager's SDK configuration, the `AMConfig.properties` file contains the wrong information and causes a series of web server startup failures. The following variables do not have the correct information:

- `com.ipplanet.am.directory.host`
- `com.ipplanet.am.server.host`
- `com.ipplanet.am.console.host`
- `com.ipplanet.am.profile.host`
- `com.ipplanet.am.naming.url`
- `com.ipplanet.am.notification.url`

Solution On node B, where Access Manager SDK is installed with Web Server, modify the `webserver-instance-dir/config/server.xml` file and add the required Access Manager JAR files to the classpath.

Web Server Services Do Not Start After a Successful Configuration in eval config Mode (6472285)

After installing Web Server in eval config mode on Windows operating system, Web Server services are not started automatically.

Workaround: Manually start the Web Server services.

Web Proxy Server Services Do Not Start After a Successful Configuration in eval config Mode (6472289)

After installing Web Server in eval config mode on Windows operating system, Web Proxy Server services are not started automatically.

Workaround: Manually start the Web Proxy Server services.

PS-SRA, FTP, And Netlet Does Not Work If the Reverse Lookup Is Not Configured in DHCP (6472391)

While using the IP address in the netlet, if the reverse lookup entry for a particular host is not configured in the DHCP server, then the operation associated with that host does not work.

For example, if `nslookup.exe ipaddress` fails to return the host name then the netlet operations will not work for these IP addresses.

Workaround: Use hostnames instead of IP addresses.

HADB Instance Is Not Starting in Application Server Suite (6480152)

If a Windows machine is not connected to the network, the HADB instance does not start.

Workaround: Connect Windows machine to the network.

Installer Does Not Detect Existing Installation of Sun Java WebConsole (6487548)

Workaround: Use one of the following workarounds:

- Remove the Sun Java Web Console version already installed on the Windows machine before actually proceeding with Java ES 5 installation.
- Re-register the applications that were registered with previous Sun Java Web Console version again with the newer version in order to continue accessing those applications

Java ES 5 Install Fails Unpredictably on the Machine With 1GByte RAM Memory (6496578)

On the Windows platform, installing with Install all in Configure Automatically During Installation mode fails unpredictably in post configuration stages on machine with low memory.

Workaround: Use one of the following workarounds:

- Optimize your Windows OS Virtual memory setup.
- Maximize free RAM before you start the Java ES installer Stop all unnecessary programs and services.
- Do a selective install, use the Custom option to install products selectively.

Windows-Natives: DLLs From Windows System32 Conflict With Java ES DLLs (6496600)

This problem occurs when certain DLLs are in the Windows system32 folder, such as libnspr4.dll, nss3, and smime.

These DLLs conflict with Java ES versions of DLLs that are installed in the install-dir/share/lib and prevent proper functioning of Java ES servers.

Workaround:

Rename these DLLs in the system32 folder so Java ES servers will use the correct versions of these DLLs.

Note – Renaming these DLLs could cause some legacy applications that installed these DLLs in system32 folder not to function.

User Unable to Log into the Web Console After Installing on Windows XP SP2 OS (6498436)

Workaround:

On Windows XP Professional, the guest account must be disabled.

The registry key

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Lsa\ForceGuest must be set to 0 in order for authentication to succeed.

Java ES 5 Windows Upgrade Using Configure Manually After Installation Option Creates Message Queue and High Availability but no Application Server Program Group (6500958)

Whenever a product component is installed or upgraded in Configure Manually After Installation mode, the product's shortcuts are created only after the product is configured manually.

Note – Message Queue is not affected by this problem.

Workaround: None.

The View Log Button on the Uninstall Complete Panel Does Not Display the Log Files (6505473)

When installation is done in a remote session, the installer logs are stored in the temp directory.

If the system reboots during installation or uninstallation, the temp is deleted. Therefore, the log files are not available when you click the View Log button.

Workaround: None.

Redistributable Files

Sun Java Enterprise System 5 does not contain any files that you can redistribute.

Accessibility Features for People With Disabilities

To obtain accessibility features that have been released since the publishing of this media, consult Section 508 product assessments available from Sun upon request to determine which versions are best suited for deploying accessible solutions. Updated versions of applications can be found at <http://sun.com/software/javaenterprisesystem/get.html>.

For more information on Sun's commitment to accessibility, visit <http://sun.com/access>.

Documentation, Support, and Training

The Sun web site provides information about the following additional resources:

- Documentation (<http://www.sun.com/documentation/>)
- Support (<http://www.sun.com/support/>)
- Training (<http://www.sun.com/training/>)

Third-Party Web Site References

Third-party URLs are referenced in this document and provide additional, related information.

Note – Sun is not responsible for the availability of third-party web sites mentioned in this document. Sun does not endorse and is not responsible or liable for any content, advertising, products, or other materials that are available on or through such sites or resources. Sun will not be responsible or liable for any actual or alleged damage or loss caused or alleged to be caused by or in connection with use of or reliance on any such content, goods, or services that are available on or through such sites or resources.

Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. To share your comments, go to <http://docs.sun.com> and click Send Comments. In the online form, provide the full document title and part number. The part number is a 7-digit or 9-digit number that can be found on the book's title page or in the document's URL. For example, the part number of this book is 819-4893.

