

Sun Java™ System Administration Server Release Notes

Version 5.2 2004Q2

Part Number 817-5214

These Release Notes contain important information available at the time of release of Administration Server 5 2004Q2. New features and enhancements, known issues and limitations, and other information are addressed here. Read this document before you begin using Administration Server 5 2004Q2.

The most up-to-date version of these release notes can be found at:

http://docs.sun.com/coll/AdministrationServer_04q2 Check the web site prior to installing and setting up your software and then periodically thereafter to view the most up-to-date release notes and manuals.

These release notes contain the following sections:

- [Release Notes Revision History](#)
- [About Administration Server 5 2004Q2](#)
- [Bugs Fixed in This Release](#)
- [Important Information](#)
- [Known Issues and Limitations](#)
- [Redistributable Files](#)
- [How to Report Problems and Provide Feedback](#)
- [Additional Sun Resources](#)

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

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Release Notes Revision History

Table 1 Revision History

Date	Description of Changes
May, 2004	Initial release of the Administration Server Release Notes

About Administration Server 5 2004Q2

In some parts of the Administration Server documentation and console, the version number of the product is referred to as 5.2. Administration Server 5 2004Q2 is a maintenance release of Administration Server 5.2.

Administration Server and Server Console are provided by the Java Enterprise System installer as a single installable component for managing your Sun Java System server software. Server Console is a stand-alone Java application that works in conjunction with an instance of Directory Server and an instance of Administration Server. It acts as the front-end management application for Sun Java System software, finding all servers and applications registered in your configuration directory, displaying them in a graphical interface, and allowing you to manage and configure them, as well as add or edit user information.

This section includes:

- [What's New in This Release](#)
- [Software Requirements](#)

What's New in This Release

The main new development brought by Administration Server 5 2004Q2 is the improved product reliability notably in terms of memory robustness and concurrent server access. The Administration Server documentation has been reworked so that the Administration Server now has its own separate set of release notes and what was formerly called the *Server Console Management Guide* is now called the *Administration Server Administration Guide*. For more detailed regarding the improvements made to the product see the [Bugs Fixed in This Release](#) section.

For information regarding both the standalone Administration Server 5.2 release and the 5.2 release packaged with the 2003Q4 release of Sun Java™ Enterprise System see the *Sun ONE Directory Server 5.2 Release Notes*.

Software Requirements

The following software is required for this release of Administration Server.

CAUTION Before installing Administration Server on Solaris 8 Ultra SPARC® Platform Edition, Solaris 9 Ultra SPARC® Platform Edition, and Solaris 9 x86 Platform Edition you must ensure that the required OS patches have been installed. These patches can be obtained in the form of a patch cluster or as individual patches from <http://sunsolve.sun.com>. The required OS patch cluster include an installation script that installs the patches in the correct order. The clusters are updated periodically as new patch revisions are released. Select the “Patches” link on the SunSolve site and follow the links to obtain the available required OS patch clusters.

As Administration Server is installed to manage other servers, the RAM and disk space provisions for those other servers need to be added to the following provision to obtain realistic, overall requirements.

Table 2 Solaris SPARC® Software Requirements

Component	Platform Requirement
Operating System	Solaris 8 Ultra SPARC Platform Edition with patches required for Java Enterprise System (Sun Cluster 3.1 Release 04/04 has been qualified to run on Solaris 8 02/02 (with the recommended patches installed) and Solaris 8 HW 05/03 (PSR 2)) Solaris 9 Ultra SPARC Platform Edition with patches required for Java Enterprise System (Sun Cluster 3.1 Release 04/04 has been qualified to run on Solaris 9 04/04)
RAM	64 Mbytes
Disk space	50 Mbytes Note that: - Administration Server requires no disk space provision for data - Administration Server requires limited disk space provision for logs

Table 3 Solaris x86 Software Requirements

Component	Platform Requirement
Operating System	Solaris 9 x86 Platform Edition (Sun Cluster 3.1 Release 04/04 has been qualified to run on Solaris 9 04/04 x86 Platform Edition)

Table 3 Solaris x86 Software Requirements (*Continued*)

Component	Platform Requirement
RAM	64 Mbytes
Disk space	50 Mbytes
	Note that:
	- Administration Server requires no disk space provision for data
	- Administration Server requires limited disk space provision for logs

Table 4 Linux Software Requirements

Component	Platform Requirement
Operating System	RedHat Advanced Server 2.1 Update 2
Patches or service packs	None
Additional software	None

Bugs Fixed in This Release

NOTE Sun Java System Administration Server 5.2 has been validated with Sun Cluster 3.1.

The tables below describe the bugs fixed in Administration Server 5.2 in the following areas:

- [Installation Related Bugs Fixed in Administration Server 5.2](#)
- [Console Related Bugs Fixed in Administration Server 5.2](#)
- [Miscellaneous Bugs Fixed in Administration Server 5.2](#)

Table 5 Installation Related Bugs Fixed in Administration Server 5.2

Bug Number	Description
4866809	StringIndexOutOfBoundsException in OutputReaderThread.
4911836	/usr/sadm/mps/admin/v5.2/README was installed twice and generated a WARNING message.
4949163	Administration Server configuration failed on second node in a two-node cluster environment.

Table 5 Installation Related Bugs Fixed in Administration Server 5.2

Bug Number	Description
4952777	If Administration Server was configured by the root user to run as a non-root user, the configuration command issued a warning to run the server as that non-root user. Now the configuration command automatically starts Administration Server as that non-root user, thus preventing difficulties encountered by any dependent servers.
4983524	Request URI containing // were considered invalid by Administration Server and resulted in a 404 Not found error being returned.
4992121	Administration Server was not displayed in the Install Data Service menu of the Sun Cluster console.

Table 6 Console Related Bugs Fixed in Administration Server 5.2

Bug Number	Description
4838530	In the Japanese locale (ja), the Fonts tab in the Console Preferences window did not work correctly
4865986	In the Japanese locale (ja), the CA Certs and Revoked Certs tabs were absent from the Manage Certificates window.
4866621	In the Japanese locale (ja), the default size of the Create New Domain window was too small.
4868083	Creating a new group with new members through the console caused an LDAP exception error.
4868579	For all Asian locales (ja, ko, zh, and zh-TW), the console login online help window did not work correctly.
4881871	In the Chinese Taiwan locale (zh-TW), the online help contents were not displayed when the Launch in Browser button was pressed.
4890502	The online help button on the Console login window did not work correctly.
4899507	Server Console failed to retrieve localized jar files.
4922687	Running Import Certificates from the Directory Server console did not copy the certificate files with the correct names.
4953656	The Directory Server Administration domain was not removed correctly when removed by selecting Remove Administration Domain from the Console scroll-down menu.

Table 7 Miscellaneous Bugs Fixed in Administration Server 5.2

Bug Number	Description
4737629	The console did not support backslashes in the RDN.

Table 7 Miscellaneous Bugs Fixed in Administration Server 5.2 (*Continued*)

Bug Number	Description
4744465	On Red Hat Linux 7.2, uninstallation did not kill the active Administration Server processes.
4819399	Special characters were not allowed in <code>userPassword</code> attribute for the Administration Server Administrator entry.
4869832	The Administration Server configuration tool <code>mpsadmserver configure</code> did not create symbolic links for the LDAP tools (<code>ldapsearch</code> , <code>ldapdelete</code> , <code>ldapmodify</code> and <code>ldapcompare</code>) from <code>ServerRoot/shared/bin</code> to the Administration Server base directory <code>shared/bin</code> directory, which created problems for Directory Proxy Server configuration if Administration Server was installed on its own.
4916483	The <code>stop-admin</code> executable failed both via the console and the command line, preventing a successful restart of the Administration Server process (since processes were not killed and ports therefore not freed).
4929089	Administration Server installed without correctly sanitizing URLs, thus creating potential security problems.
4937199	<code>ns-httpd</code> crashed when it received multiple concurrent requests.
4947556	Administration Server crashed when it received many requests from Meta Directory.
4974134	Authentication plug-in related memory leaks.

Important Information

This section contains the latest information that is not contained in the core product documentation. This section covers the following topics:

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

Installation Notes

This topic contains important patch requirement and general installation information, and is divided into the following subsections:

- [Patch Requirement Information](#)
- [General Installation Information](#)

Patch Requirement Information

If you have Administration Server 5.2 installed from Solaris packages and wish to bring it in line with Administration Server as delivered in Java Enterprise System 2004Q2, install the following patches with at least the given version number or more, available at <http://sunsolve.sun.com>.

CAUTION To avoid breaking product dependencies, it is mandatory to install the patches in the order provided in the following tables.

Table 8 Administration Server 5.2 Java Enterprise System 2004Q2 Alignment Patches Required For Solaris 8 (SPARC)

Patch Number	Patch Description
116103-03	SunOS 5.8: International Components for Unicode Patch
114045-03	SunOS 5.8: Netscape Portable Runtime(4.1.4)/Network Security System(3.3.4)
115924-08	SunOS 5.8: NSPR4.1.6 / NSS 3.3.6 / JSS 3.1.2.5
115328-01	SunOS 5.8: Simple Authentication and Security Layer (2.01)
115610-09	SunOS 5.9_sparc: Sun ONE AdminServer 5.2 patch
	Note that this patch is also valid for Solaris 8

Table 9 Administration Server 5.2 Java Enterprise System 2004Q2 Alignment Patches Required For Solaris 9 (SPARC)

Patch Number	Patch Description
114677-06	SunOS 5.9: International Components for Unicode Patch
114049-04	SunOS 5.9: Netscape Portable Runtime(4.1.4)/Network Security System(3.3.4)
115926-08	SunOS 5.9: NSPR4.1.6 / NSS 3.3.6 / JSS 3.1.2.5
115342-01	SunOS 5.9: Simple Authentication and Security Layer (2.01)
115610-09	SunOS 5.9_sparc: Sun ONE AdminServer 5.2 patch

Table 10 Administration Server 5.2 Java Enterprise System 2004Q2 Alignment Patches Required For Solaris 9 (x86)

Patch Number	Patch Description
114678-06	SunOS 5.9_x86: International Components for Unicode Patch
114050-04	SunOS 5.9_x86: Netscape Portable Runtime(4.1.4)/Network Security System(3.3.4)
115927-08	SunOS 5.9_x86: NSPR4.1.6 / NSS 3.3.6 / JSS 3.1.2.5
115611-09	SunOS 5.9_x86 : Sun ONE AdminServer 5.2 patch

For more information on the Sun Java Enterprise System, see <http://www.sun.com/software/learnabout/enterprisesystem/index.html>.

General Installation Information

- If you run Administration Server as root, all commands initiated by the administration user will also be run as root. Therefore you must apply the same rules of confidentiality and security to the administration password as you would to the root password of your server.
- When installing Administration Server 5.2 from Solaris Packages, it is recommended that you do not specify a symbolic link as the *ServerRoot*. The *ServerRoot* (the path from which you access the shared binary files of Directory Server, Administration Server, and the command line tools.) If you do specify a symbolic link as the *ServerRoot*, and then attempt to start the Administration Server as someone other than the root user, the following error is output:

```
You must be root to run this command
```

Documentation Notes

- In some parts of the Administration Server documentation and console, the version number of the product is referred to as 5.2. Administration Server 5 2004Q2 is a maintenance release of Administration Server 5.2.
- Localized documentation is posted to <http://docs.sun.com/> as it becomes available.

Known Issues and Limitations

This section contains a list of the known problems and issues with Administration Server 5.2. The following product areas are covered:

- [Installation, Uninstallation and Migration Issues](#)
- [General Issues](#)

Installation, Uninstallation and Migration Issues

Multibyte characters at installation cause configuration problems (#4882927)

At installation, using multibyte characters for anything other than the suffix name causes Directory Server and Administration Server configuration to fail.

Workaround

Use monobyte characters for all fields other than the suffix name.

Cannot install Administration Server patch 115611-02 on Solaris 9 for x86 (#4970985)

The `pkginfo` files delivered with Directory Server 5.2 for Solaris 9 for x86 contained an erroneous ARCH type (ARCH=`sparc` instead of ARCH=`i386`). This inconsistency with the Sun Java Enterprise System renders it impossible to apply patches.

Workaround

Before applying the patch, edit the following `pkginfo` files manually with the correct ARCH=`i386` ARCH type:

```
/var/sadm/pkg/SUNWasvc/pkginfo  
/var/sadm/pkg/SUNWasvcp/pkginfo  
/var/sadm/pkg/SUNWasvr/pkginfo  
/var/sadm/pkg/SUNWasvu/pkginfo
```

Administration Server installation date is incorrect (#4908818)

Uninstalling Administration Server does not remove the .suitespot file from the ServerRoot directory (#4968548)

Administration Server configuration accepts non-supported versions of the Java Development Kit (JDK) (#4990183)

It is possible to install Administration Server using the 1.3.x version of the JDK, but Administration Server will fail to start.

Workaround

Ensure that you use at least the 1.4.1 version of the JDK.

An installation path of more than 54 characters prevents the Administration Server from starting correctly (#4788213)

Workaround

Ensure that your full installation path does not contain more than 54 characters.

If during backout of Directory Proxy Server, an Administration Server patch is backed out before a Directory Proxy Server patch, the backout fails (#5015762)

Workaround

During backout of Directory Proxy Server, back out Administration Server patches before backing out Directory Proxy Server patches.

Cannot start Directory Proxy Server Console (#5041840)

If the Administration Server is started before the Configuration Directory Server after installation, the Directory Proxy Server cannot access the Administration Server. In this scenario, it is impossible to start Directory Proxy Server.

Workaround

Start the Configuration Directory Server before starting the Administration Server.

General Issues

The admin_ip.pl script does not work when several Administration Servers are registered with the Configuration Directory Server (CDS) (#4910472)

Workaround

Use the Console instead of the admin_ip.pl script.

The admin_ip.pl script does not function correctly (#4892243)

Importing a chain of CA certificates using the Server Console or the certutil tool does not work (#4913224)

Workaround

Be sure to import each certificate one by one, using either the `certutil` tool or the Console.

The IP address and hostname restrictions for connecting to the Administration Server may, with certain address and hostname formats, not function as per the documentation details (#4948897)

The Japanese Online Help includes some content in English (5047194)

Redistributable Files

Sun Java System Administration Server 5.2 2004Q2 does not contain any files which you can redistribute.

How to Report Problems and Provide Feedback

If you have problems with Sun Java System Administration Server, contact Sun customer support using one of the following mechanisms:

- Sun Software Support services online at
<http://www.sun.com/service/sunone/software>

This site has links to the Online Support Center, and ProductTracker, as well as to maintenance programs and support contact numbers.

- The SunSolve support website at
<http://sunsolve.sun.com>

This site includes patches, support documents, security information, and the Sun System Handbook.

- The telephone dispatch number associated with your maintenance contract

So that we can best assist you in resolving problems, please have the following information available when you contact support:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, operating system version, and product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you have used to reproduce the problem
- Any error logs or core dumps

You might also find it useful to subscribe to the following interest groups, where Sun Java System Administration Server topics are discussed:

<http://swforum.sun.com>

Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. Use the web-based form to provide feedback to Sun:

<http://www.sun.com/hwdocs/feedback>

Please provide the full document title and part number in the appropriate fields. The part number can be found on the title page of the book or at the top of the document, and is usually a seven or nine digit number. For example, the part number of this Administration Server 5.2 Release Notes is 817-5214.

Additional Sun Resources

Useful Sun Java System information can be found at the following Internet locations:

- Sun Java System Documentation
<http://docs.sun.com/db/prod/entsys.04q2>
- Java Enterprise System Software Services
<http://www.sun.com/service/products/software/javaenterprisesystem>
- Sun Java System Software Products and Service
<http://www.sun.com/software>
- Sun Java System Support and Knowledge Base
<http://sunsolve.sun.com>
- Sun Support and Training Services
<http://www.sun.com/supporttraining>

- **Sun Java System Consulting and Professional Services**
<http://www.sun.com/service/products/software/javaenterprisesystem>
- **Sun Developer Information**
<http://developers.sun.com>
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