

Sun Java™ System Directory Proxy Server Release Notes

Version 5 2004Q2

Part Number 817-6253-10

These Release Notes contain important information available at the time of release of Sun Java System Directory Proxy Server 5 2004Q2. New features and enhancements, known issues and limitations, and other information are addressed here.

Use this document if plan to update to Directory Proxy Server 5 2004Q2, or if you are already running Directory Proxy Server 5 2004Q2.

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

http://docs.sun.com/db/coll/DirectoryProxyServer_04q2. Check the web site prior to updating to Directory Proxy Server 5 2004Q2 and then periodically thereafter to view the most up-to-date release notes and product documentation.

These release notes contain the following sections:

- [Release Notes Revision History](#)
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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
June 13, 2003	Initial publication of these release notes
March 26, 2004	Publication for beta release of Directory Proxy Server 5 2004Q2
May 6, 2004	Publication for revenue release of Directory Proxy Server 5 2004Q2

About Directory Proxy Server 5 2004Q2

On the Directory Proxy Server Console, Directory Proxy Server 5 2004Q2 is sometimes referred to as Directory Proxy Server 5.2. Directory Proxy Server 5 2004Q2 is a maintenance release of Directory Proxy Server 5.2.

This section includes:

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

What's New in This Release

This version of the Directory Proxy Server contains the following new features:

- Better support for large encryption keys.
The version of NSS used in Directory Proxy Server requires cert8 format certificates instead of cert7 format certificates. NSPR and JSS components have been updated.
- Installation of Directory Proxy Server can be performed by the Sun Java Enterprise System Installer.
- Support for the Linux RPM delivery method.

Hardware and Software Requirements

The following hardware and software are required for this release of Directory Proxy Server.

Table 2 Solaris Hardware and Software Requirements

Component	Platform Requirement
CPU	Solaris 8 SPARC® Platform Edition with patches required for Java Enterprise System Solaris 9 SPARC® Platform Edition
RAM	256 MB
Disk space	Approximately 300 MB of disk space for a minimal installation.
Patches or service packs	See http://sunsolve.sun.com

Table 3 Solaris x86 Hardware and Software Requirements

Component	Platform Requirement
CPU	Solaris 9 x86 Platform Edition
RAM	256 MB
Disk space	Approximately 300 MB of disk space for a minimal installation.
Patches or service packs	See http://sunsolve.sun.com

Table 4 Linux Hardware and Software Requirements

Component	Platform Requirement
CPU	RedHat Advanced Server 2.1 Update 2
RAM	256 MB
Disk space	Approximately 300 MB of disk space for a minimal installation.
Patches or service packs	None

Bugs Fixed in This Release

The following table describes the bugs fixed in Directory Proxy Server 5 2004Q2 since Directory Proxy Server 5.2. For the release notes of Directory Proxy Server 5.2, see

<http://docs.sun.com/db/doc/816-6392-10>.

Table 5 Bugs Fixed in Directory Proxy Server 5 2004Q2 Since Directory Proxy Server 5.2

Bug Number	Bug Synopsis
4554991	Save button always enabled for OnSSLEstablished Event
4555088	Health check must do more than just connect
4789877	Wrong message if DS not started at DPS startup time
4870271	DPS Topology Configs do not display help under certain conditions
4874761	Daemon doesn't start when SSL configured and token requested on command-line
4891322	ldapfwd generates core during high load with referrals
4892644	SSL referral hangs the client
4894043	Search Referral crashes proxy when configured to discard the reference
4895804	Typo prevents Solaris Native Mode packages from checking dependencies
4919517	DPS does not find component libs
4933448	Directory Proxy Server 5.2 patch 3 crashes when referred-to server is down.
4934980	Cannot unconfigure as non-root (SolPkg)
4935314	Directory Proxy Server crashes during a ldap_modify
4942940	5.2 install fails when running setup as root but specifying non-root user
4966944	Sun ONE Directory Proxy Server 5.2 should use the short length form when possible
4976424	Group change can lead to incorrect load balancing
4984682	Removing one instance unregisters SIEs of all instances in CDS
4984800	Cannot perform search with empty attribute type
4990235	DPS 5.2: attribute renaming doesn't work when filter contains a NOT operator
4992270	Server Load parameters are not consulted when a Change Group operation occurs
4994492	removing a DPS instance may remove certificates of other instances
4997218	Need more details in quickstart.tcl error logs
5006308	RPM: search on secure connection is interrupted
5031413	Cannot access on line help pages from the configurator sub menus

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](#)
- [Compatibility Issues](#)
- [Documentation Updates for Directory Proxy Server 5 2004Q2](#)

Installation Notes

This section provides notes for installing or migrating to Directory Proxy Server 5 2004Q2.

- If you are not running any version of Directory Proxy Server, install Directory Proxy Server 5 2004Q2 by using the Sun Java Enterprise System 2004Q2 Installation Guide and the Sun Java Enterprise System 2004Q2 Release Notes.
- If you are running Directory Access Router version 5.0 or 5.0 SP1, update to Directory Proxy Server 5 2004Q2 by following the recommendations in the chapter called “*Migrating System Components from Past Versions*” in the Sun Java Enterprise System 2004Q2 Installation Guide.
- If you are running Directory Proxy Server 5.2, update to Directory Proxy Server 5 2004Q2 by using information in the README file provided with the Directory Proxy Server 5 2004Q2 distribution. Use the patch numbers given in [Table 6](#).

Patch Requirements

The following table summarizes the patches required to update Directory Proxy Server 5.2 to Directory Proxy Server 5 2004Q2.

Table 6 Patches Required for Update From Directory Proxy Server 5.2 to Directory Proxy Server 5 2004Q2

Platform	Required Patch
Solaris	116373-09
Solaris x86	116374-09

If you are upgrading from Directory Proxy Server 5.2 on a Linux platform, you must install Directory Proxy Server 5 2004Q2 from scratch. You can save the configuration of your current installation and load the saved configuration to the new installation.

Configuring Directory Proxy Server For SSL/Certificates

For information about how to configure Directory Proxy Server 5 2004Q2 for SSL-enabled communication, see the Directory Proxy Server 5 2004Q2 Administration Guide.

Finding the Installation Log Files

For information about the log files generated during installation, see the following table:

Table 7 Location of Installation Log Files

Platform	Log (administrator/root)	Log (administrator/root)
Solaris	/var/sadm/install/logs	/var/tmp
Solaris x86	/var/sadm/install/logs	/var/tmp
Linux	/var/tmp	/var/tmp

Compatibility Issues

The LDAP utility man pages on Sun Solaris platforms do not document the Sun Java System version of the LDAP utilities `ldapsearch`, `ldapmodify`, `ldapdelete`, and `ldapadd`. For information about these utilities, refer to the Sun Java System Directory Server Resource Kit Tools Reference.

Documentation Updates for Directory Proxy Server 5 2004Q2

Directory Proxy Server 5 2004Q2 is now installed by the Sun Java Enterprise System Installer. Information about how to install Directory Proxy Server 5 2004Q2 is contained in the Sun Java System documentation on http://docs.sun.com/db/coll/entsys_04q2. There is no installation guide dedicated to the Directory Proxy Server 5 2004Q2.

Information about how to update from Directory Proxy Server 5.2 to Directory Proxy Server 5 2004Q2 is contained in the README file provided with the Directory Proxy Server 5 2004Q2 distribution.

Known Issues and Limitations

This section contains a list of the known issues.

After Startup Directory Proxy Server Does Not Automatically Listen on the Network (#4818122)

When Directory Proxy Server is started by the command line, it does not automatically listen on the network. If SSL mode is activated, you must provide a token and password to start SSL. When the token request has been satisfied, Directory Proxy Server can listen on the network.

Workaround

None

Cannot Rename an Object With a Previously Used Name (#4863003)

An object cannot be renamed with a previously used name. For example, an object cannot be named and renamed as follows:

- Create an object with name myname-1 and save the name
- Rename the object to myname-2 and save the name
- Rename the object back to myname-1

This limitation applies to all named properties of the object, including the configuration name.

Workaround

Always use new name to rename an object.

Using the Log Property Panel on Directory Proxy Server Console Can Corrupt Configuration(#4864081)

Changing the log properties by using the log property panel on the Directory Proxy Server Console can corrupt the configuration in the configuration directory server.

Workaround

None

On-Line Help Can Fail if Several Directory Proxy Server Instances Are Registered (#4869580)

To display on-line help, the Directory Proxy Server Console contacts any Directory Proxy Server instance registered in the configuration directory. If there is more than one Directory Proxy Server instance registered in the configuration directory, it is not possible to specify which Directory Proxy Server instance is used.

If the instance of Directory Proxy Server that answers the request for on-line help is not available, the request fails. The Directory Proxy Server Console does not know that there is no return value and no thrown exception.

Workaround

None

Duplicate Configurations Caused by Renaming Configurations With the Console (#4923242)

If you use the Directory Proxy Server Console to rename a Directory Proxy Server configuration a duplicate configuration name is created.

Workaround

To clone a configuration, create a new configuration and copy all of the values from the original configuration to the new configuration.

Incorrect Character in Title of French Localization of Directory Proxy Server Console (#4940286)

There is an incorrect character in the title of the French localization of the Directory Proxy Server Console.

Workaround

None

BIND/UNBIND Is Performed for Each Referral (#4943985)

Instead of reusing existing connections to the backend LDAP servers, Directory Proxy Server performs a BIND/UNBIND for each referral. This issue causes a reduction in performance if the backend server is on a Wide Area Network.

Workaround

None

Cannot Follow Referrals in BIND Requests (#4951403)

When a bind request is made by the Directory Proxy Server to another server, a DN is returned. However, the Directory Proxy Server does not use the returned DN to connect to the server. Instead, the Directory Proxy Server uses the original DN. The bind request does not work.

Workaround

This feature is a limitation for bind requests only. This feature is not a limitation for search requests, modify requests, and other requests.

Remote Instance Fails to Start From the Console When SSL Is Enabled (#4961059)

When SSL is enabled in a remote instance of Directory Proxy Server, you cannot use the console to start or restart the instance. The console displays a message that there is no PIN file present.

Workaround

Install a PIN file on the console side, using the same path that is used server side.

Backout Fails if Administration Server Is Backed Out Before Directory Proxy Serv(#5015762)

Backout fails if Administration Server 5 2004Q2 is backed out before Directory Proxy Server 5 2004Q2.

Workaround

Back out of the Directory Proxy Server 5 2004Q2 before backing out of Administration Server 5 2004Q2. For more information about updating and backing out of Directory Proxy Server, see the Sun Java Enterprise System 2004Q2 Installation Guide.

Must Use Utility Scripts in the Server Root Directory Only (#5033742)

Versions of the utility scripts, `dpsconfig2ldif`, `dpsldif2config`, and `migratefromidar50` can exist in directories other than the server root directory. However, these versions of the utility scripts might not be correct.

Workaround

Use the utility scripts from this directory only: `<serverroot>/bin/dps_utilities`.

Migration Fails From IDAR 5.0 or 5.0 SP1 to Directory Proxy Server 5 2004Q2 (#5037424)

The `migratefromidar50` script fails when migrating from Directory Access Router 5.0 or 5.0 SP1 to Directory Proxy Server 5 2004Q2. The failure occurs because the password is encrypted in the `tailor.txt` file for the Directory Proxy Server 5 2004Q2 instance.

Workaround

- 1) Replace the encrypted password by the non-encrypted password in the `tailor.txt` file for the Directory Proxy Server 5 2004Q2 instance.
- 2) Launch the migration script.

Error Message Is Produced the First Time the Console Is Launched for a New Instance (#5041832)

The first time that the Directory Proxy Server console is launched for a new instance, the following error message is produced: "unable to open certificate database". The error occurs because the certificate database has not yet been created.

Workaround

Click `ok` to make the error window disappear, and continue. The default certificate database for the instance is created and the problem will not reoccur for that instance.

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, the Directory Proxy Server console cannot be started correctly.

Workaround

Start the Configuration Directory Server before starting the Administration Server.

The Console Blocks When a New Instance Is Created (#5042362)

When you create a new instance of Directory Proxy Server, the console blocks and produces this error message: “An error occurred while loading data for this view”.

Workaround

Exit from the console or restart the console when you create a new instance.

Japanese On-line Help is Incoherent If Administration Server Help Is Accessed Before Directory Proxy Server Help (#5042362)

In the Japanese localization of the on-line help, if the Administration Server help is opened before the Directory Proxy Server help the main page of the Directory Proxy Server help is corrupted.

Workaround

Open the Directory Proxy Server help before opening the Administration Server help.

Redistributable Files

Sun Java System Directory Proxy Server 5 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 Directory Proxy Server, contact Sun customer support by using one of the following mechanisms:

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

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

- 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 Directory Proxy Server topics are discussed:

snews://<YourNewsForum>

snews://<YourSecondNewsForum>

Sun Welcomes Your Comments

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

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Additional Sun Resources

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

- Sun Java System Documentation
<http://docs.sun.com/prod/sunone>
- Sun Java System Professional Services
<http://www.sun.com/service/sunps/sunone>
- Sun Java System Software Products and Service
<http://www.sun.com/software>
- Sun Java System Software Support Services
<http://www.sun.com/service/sunone/software>
- Sun Java System Support and Knowledge Base
<http://www.sun.com/service/support/software>

- **Sun Support and Training Services**
<http://training.sun.com>
- **Sun Java System Consulting and Professional Services**
<http://www.sun.com/service/sunps/sunone>
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