

# Sun Java™ System Directory Proxy Server Release Notes

Version 5.2 2005Q1

Part Number 817-7614-10

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These Release Notes contain important information available at the time of release of Sun Java System Directory Proxy Server 5.2 2005Q1. New features and enhancements, known issues and limitations, and other information are addressed here.

Use this document if you plan to update to Directory Proxy Server 5.2 2005Q1, or if you are already running Directory Proxy Server 5.2 2005Q1.

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

[http://docs.sun.com/db/coll/DirectoryProxyServer\\_05q1](http://docs.sun.com/db/coll/DirectoryProxyServer_05q1). Check the web site prior to updating to Directory Proxy Server 5.2 2005Q1 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](#)
- [About Directory Proxy Server 5.2 2005Q1](#)
- [Bugs Fixed in This Release](#)
- [Important Information](#)
- [Known Issues and Limitations](#)
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- [How to Report Problems and Provide Feedback](#)
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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
Feb 2, 2005	Revenue release
Feb 17, 2005	Updated patch version number for localized Solaris patches in Table 6.
Feb 22, 2005	Updated patch version numbers in Table 6 through Table 9 and added support for Solaris 10.

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## About Directory Proxy Server 5.2 2005Q1

In some parts of the Directory Proxy Server documentation and console, the version number of the product is referred to as 5.2. Directory Proxy Server 5.2 2005Q1 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

No new features have been introduced in this release of the product. For information about the bugs fixed in Directory Proxy Server 5.2 2005Q1, see [“Bugs Fixed in This Release” on page 4](#).

# Hardware and Software Requirements

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

**Table 2** Solaris SPARC® 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 with patches required for Java Enterprise System Solaris 10 SPARC Platform Edition with patches required for Java Enterprise System
RAM	256 MB
Disk space	Approximately 300 MB of disk space for a minimal installation.
Patches or service packs	See <a href="http://sunsolve.sun.com">http://sunsolve.sun.com</a>
Java	Java Runtime Environment 1.5.

**Table 3** Solaris x86 Hardware and Software Requirements

Component	Platform Requirement
CPU	Solaris 9 x86 Platform Edition Solaris 10 x86 Platform Edition
RAM	256 MB
Disk space	Approximately 300 MB of disk space for a minimal installation.
Patches or service packs	See <a href="http://sunsolve.sun.com">http://sunsolve.sun.com</a>
Java	Java Runtime Environment 1.5.

**Table 4** Linux Hardware and Software Requirements

Component	Platform Requirement
Operating System	RedHat Advanced Server 2.1 Update 2 or RedHat Advanced Server 3.0 Update 3
Patches or service packs	See <a href="http://sunsolve.sun.com">http://sunsolve.sun.com</a>
Java	Java Runtime Environment 1.5.
Compatibility libraries	The following compatibility libraries: <ul style="list-style-type: none"> <li>• compat-gcc-7.3-2.96.128.i386.rpm</li> <li>• compat-gcc-c++-7.3-2.96.128.i386.rpm</li> <li>• compat-libstdc++-7.3-2.96.128.i386.rpm</li> </ul> <p>If you running 64-bit Linux, you must install the system libraries for 32-bit Linux.</p>

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## Bugs Fixed in This Release

The following table describes the bugs fixed in Directory Proxy Server 5.2 2005Q1 since Directory Proxy Server 5.2 2004Q2. For the release notes of Directory Proxy Server 5.2 2004Q2, see <http://docs.sun.com/db/doc/817-6253-10>.

**Table 5** Bugs Fixed in Directory Proxy Server 5.2 2005Q1

Bug Number	Bug Synopsis
4940286	Incorrect Character in Title of French Localization of Directory Proxy Server Console
5041832	Error Message Is Produced the First Time the Console Is Launched for a New Instance
5047201	Japanese On-line Help is Incoherent If Administration Server Help Is Accessed Before Directory Proxy Server Help
5065752	Bind and Unbind stress with Idclt fails on high performance windows platforms
5091854	Referrals hangs with Idapfwd 5.2.09
5091862	IP Connection Limit Is Not Enforced
5105442	Persistent search does not return an error code referred sub suffix

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## 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 section provides notes for installing or migrating to Directory Proxy Server 5.2 2005Q1.

- If you are not running any version of Directory Proxy Server, install Directory Proxy Server 5.2 2005Q1 by using the *Java Enterprise System Installation Guide*.

- If you are running Directory Access Router version 5.0 or 5.0 SP1, update to Directory Proxy Server 5.2 2005Q1 by following the recommendations in the chapter called “*Migrating System Components from Past Versions*” in the Sun Java Enterprise System 2005Q1 Installation Guide.
- If you are running Directory Proxy Server 5.2 or 5.2 2004Q2, update to Directory Proxy Server 5.2 2005Q1 by using information in the README file provided with the Directory Proxy Server 5.2 2005Q1 distribution. Use the patch numbers given in [Table 6](#) to [Table 9](#).

## Patch Requirements

The following table summarizes the patches required to update Directory Proxy Server 5.2 2004Q2 to Directory Proxy Server 5.2 2005Q1. To access the patches, go to <http://sunsolve.sun.com>.

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

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**Table 6** Directory Proxy Server 5.2 2005Q1 Alignment Patches Required For Solaris 8 (SPARC)

Patch Number	Patch Description
116103-06	SunOS 5.8: International Components for Unicode Patch
117722-10	SunOS 5.8: NSPR 4.5.1 / NSS 3.9.5 / JSS 4.0
115328-01	SunOS 5.8: Simple Authentication and Security Layer (2.01)
115610-18	SunOS 5.9_sparc: Administration Server 5.2 patch
116837-02	LDAP CSDK - SUNWldk
117017-06	Patch for localized Solaris packages
116373-14	Directory Proxy Server 5.2 Patch

**Table 7** Directory Proxy Server 5.2 2005Q1 Alignment Patches Required For Solaris 9 (SPARC)

Patch Number	Patch Description
114677-08	SunOS 5.9: International Components for Unicode Patch
117724-10	SunOS 5.9: NSPR 4.5.1 / NSS 3.9.5 / JSS 4.0
115342-01	SunOS 5.9: Simple Authentication and Security Layer (2.01)
115610-18	SunOS 5.9_sparc: Administration Server 5.2 patch
116837-02	LDAP CSDK - SUNWldk
117017-06	Patch for localized Solaris packages

**Table 7** Directory Proxy Server 5.2 2005Q1 Alignment Patches Required For Solaris 9 (SPARC)

Patch Number	Patch Description
116373-14	Directory Proxy Server 5.2 Patch

**Table 8** Directory Proxy Server 5.2 2005Q1 Alignment Patches Required for Solaris 9 (x86)

Patch Number	Patch Description
114678-08	SunOS 5.9_x86: International Components for Unicode Patch
117725-10	SunOS 5.8: NSPR 4.5.1 / NSS 3.9.5 / JSS 4.0
115611-18	SunOS 5.9_x86: Administration Server 5.2 patch
116838-02	LDAP CSDK - SUNWldk
117017-06	Patch for localized Solaris packages

On Linux systems, the alignment patches include the Directory Proxy Server patch available on <http://sunsolve.sun.com> and shared component patches, which are provided on the distribution CD. See “Applying Linux Shared Component RPMs” in the *Sun Java Enterprise System 2005Q1 Upgrade and Migration Guide* for information on locating and installing the RPMs.

**Table 9** Directory Proxy Server 5.2 2005Q1 Alignment Patches Required for Linux

Patch Number	Patch Description
118096-04	sun-directory-proxy-server-5.2-9.i386.rpm sun-directory-proxy-server-man-5.2-3.i386.rpm  sun-icu-2.1-6.i386.rpm sun-sasl-2.02-2.i386.rpm sun-nspr-4.5.1-2.i386.rpm sun-nss-3.9.5-1.i386.rpm sun-ldapcsdk-5.12-3.i386.rpm sun-jss-4.0-5.i386.rpm sun-ljdk-4.17-3.i386.rpm sun-admin-server-5.2-13.i386.rpm sun-server-console-5.2-13.i386.rpm

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

## Configuring Directory Proxy Server For SSL/Certificates

For information about how to configure Directory Proxy Server 5.2 2005Q1 for SSL-enabled communication, see the *Directory Proxy Server Administration Guide*.

## Finding the Installation Log Files

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

**Table 10** 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

## Documentation Notes

- In some parts of the Directory Proxy Server documentation and console, the version number of the product is referred to as 5.2. Directory Proxy Server 5 2005Q1 is a maintenance release of Directory Proxy Server 5.2.
- Localized documentation is posted to <http://docs.sun.com/> as it becomes available.

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## Known Issues and Limitations

This section contains a list of the known issues and limitations with Directory Proxy Server 5.2 2005Q1.

### **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*

To avoid the problem, use a new name to rename an object.

To resolve the problem, quit and restart the console.

### **Using the Log Property Panel on Directory Proxy Server Console Can Corrupt Configuration (#4864081 and #4942337)**

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. This issue is caused because the console does not generate an `ids-proxy-con-include-logproperty` entry in the configuration.

#### *Workaround*

Manually generate a new configuration by performing the following procedure:

1. Export the configuration in the configuration directory server by using the `dpsconfig2ldif` command.
2. In the LDIF file, comment out the line that contains the `ids-proxy-con-include-logproperty`. For example:

```
#ids-proxy-con-include-logproperty in the entry dn:  
ids-proxy-con-config-name=myhost , ou=system, ou=dar-config, o=NetscapeRoot
```

3. Delete the old system configuration. For example:

```
ldapdelete -D "cn=Directory Manager" -w password -h dshost -p 389  
"ids-proxy-con-config-name=myhost,ou=system, ou=dar-config, o=NetscapeRoot"
```

Where `myhost` is the Directory Proxy Server host.

4. Import the configuration to the configuration directory server by using the `dpsldif2config` command. For example:

```
./dpsldif2config -C dps-myhost -h dshost -p 389 -D "cn=Directory Manager" -w  
password -v ./conf.ldif
```



5. Try again to change the log properties by using the log property panel on the Directory Proxy Server console.

**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.

**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.

### **Large Entries Are Truncated When Retrieved Over SSL (#4993108)**

When large entries are retrieved over SSL, the result is truncated.

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

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

#### *Workaround*

Back out of Directory Proxy Server before backing out of Administration Server. For more information about updating and backing out of Directory Proxy Server, see the *Java Enterprise System 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 5.2 2004Q2 and Later Versions (#5037424)**

The `migratefromidar50` script fails when migrating from Directory Access Router 5.0 or 5.0 SP1 to Directory Proxy Server 5.2 2004Q2 and later versions. The failure occurs because the password is encrypted in the `tailor.txt` file for instances of Directory Proxy Server 5 2004Q2 and later versions.

#### *Workaround*

- 1) Replace the encrypted password by the non-encrypted password in the `tailor.txt` file for the the instance of Directory Proxy Server 5.2 2004Q2 or later version.
- 2) Launch the migration script.

### **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.

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## Redistributable Files

Sun Java System Directory Proxy Server 5.2 2005Q1 does not contain any files which you can redistribute.

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## How to Report Problems and Provide Feedback

If you have problems with Sun Java System Directory Proxy 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 Directory Proxy 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 Directory Proxy Server 5.2 Release Notes is 817-7614-10.

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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>
- **Sun Java System Developer Information**  
<http://sunonedev.sun.com>
- **Sun Developer Support Services**  
<http://www.sun.com/developers/support>
- **Sun Java System Software Training**  
<http://www.sun.com/software/training>
- **Sun Software Data Sheets**  
<http://www.sun.com/software>

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