



Patch P410S-02D README for IBM Directory Server 4.1 the Solaris Operating Environment Software



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Note

Before using this information and the product it supports, read the general information under "Notices", on page 5.

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Patch P410S-02D

Patch: P410S-02D

Date: April, 2003

IBM® Directory Server Version 4.1 (128-bit Encryption Installations)

General description

The patch contains fixes for problems encountered in IBM Directory Server Version 4.1. The APAR number for the problem is listed in **Problems fixed**. Refer to the specific APAR for more detail.

For information on changes and fixes that occurred after the product documentation had been translated, see the *IBM Directory Server Version 4.1 README Addendum*. This file is in English only. This file can be found on the IBM Directory Server Library Web page using a link from <http://www.ibm.com/software/network/directory/library>

You can get to the latest information here:

<http://www.ibm.com/software/network/directory/library/v41/addendum41.pdf>

Problems fixed

New fixes in P410S-02D

APAR IR50946 (CMVC Defect 78185) - IBM Directory Server might terminate when a bind is attempted with very long password.

If you bind as a user whose password is encrypted using SHA encryption and the password that you use to bind is very long, the IBM Directory Server might terminate.

APAR IY42038 (CMVC Defect 78123) - The IBM Directory Server abends while performing anonymous searches.

If cn=authenticated is defined in an acl, and an anonymous search is performed, it is possible for the server to abend.

Platforms

Solaris Operating Environment(TM) Software versions 7 and 8 or higher maintenance levels of versions 7 and 8.

Refer to the *IBM Directory Server Version 4.1 Installation and Configuration Guide for Multiplatforms*. for additional Fix pack requirements. See the IBM Directory 4.1 library at

<http://www-3.ibm.com/software/network/directory/library>

Dependencies

IBM Directory 4.1 with fix pack 2 must be installed.

DB2 Universal Database™ for Solaris Enterprise edition - version 7.1 with FixPak 3 or higher maintenance levels of (DB2®).

Patch contents

The archive for this patch is named P410S-02D.tar.Z. The server install includes the following files:

File	bytes	sum -r
=====	=====	=====
P410S-02D.filelist.server	65	40217
P410S-02DReadme.pdf	-----	-----
\$INSTALL_DIR/IBM1daps/lib/libback-rdbm.so	2069164	55150
\$INSTALL_DIR/IBM1daps/bin/P410S-02D.txt	54	49710

The default for \$INSTALL_DIR is /opt.

Applying the patch

Note: Your replication environment must be cleaned or resynchronized, or both. See Chapter 7, "Replication," of the *IBM Directory Server Version 4.1: Administration Guide* at:

http://www.ibm.com/software/network/directory/library/publications/41/config/admin_gd.pdf

1. For each machine targeted to receive the patch, make sure any servers are stopped, and any client applications linked to the shared libraries (including DMT) are stopped. Programs and libraries cannot be replaced while they are in use.
2. Copy the patch archive (P410S-02D.tar.Z) to a directory with sufficient free space to hold both the archive and a backup of the patched files (in case you want to uninstall the patch). You need at least 75 MB for a full server install, less if patching a client only installation. Open a command prompt and type:

```
# su
# cd {directory where P410S-02D.tar.Z is}
# export INSTALL_DIR=/opt {or alternate IDS 4.1 install directory}
# export PATCH_DIR=`pwd`
# rm P410S-02D.filelist.*
```

All remaining steps use this command prompt.

3. Determine which packages are currently installed and extract the corresponding file list from the patch archive. At the command prompt type the following to determine which packages are installed:

```
# pkginfo | grep IBM1dap
```

If any filesets are listed, then this is a server install. Extract P410S-02D.filelist.server from the archive.

```
# zcat P410S-02D.tar.Z | tar -xf - P410S-02D.filelist.server
```

4. This step is optional. Backup the existing files before applying the patch in case you need to uninstall the patch:

```
# cd $INSTALL_DIR
# tar -cvf $PATCH_DIR/P410S-02D.UNDO.tar `cat $PATCH_DIR/P410S-02D.filelist.*`
# compress $PATCH_DIR/P410S-02D.UNDO.tar
```

5. Apply the patch:

```
# cd $PATCH_DIR
# mkdir tmp
# cd tmp
```



```
# zcat ../P410S-02D.tar.Z | tar xf - `cat ../P410S-02D.filelist.*`
# cp -r * $INSTALL_DIR
# cd ..
# rm -rf tmp
```

Uninstalling the patch

This can only be done if you made a backup before installing the patch (see step 4 on page 2, in the previous procedure). If so, then you can uninstall the patch by deleting `$INSTALL_DIR/bin/P410S-02D*` and extracting `$PATCH_DIR/P410S-02D.UNDO.tar.Z`:

```
# cd $INSTALL_DIR
# rm bin/P410S-02D*
# zcat $PATCH_DIR/P410S-02D.UNDO.tar.Z | tar -xvf -
```

Confirming the patch has been applied successfully

After installation, the file `$INSTALL_DIR/bin/P410S-02D.txt` contains the following:

```
IBM Directory      Release: aus411dap  Build: 030325a
```

All the files listed in `$PATCH_DIR/P410S-02D.filelist.*` match the files sizes and checksums listed in “Patch contents” on page 2.

Appendix. Notices

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