

Patch P410W-00B README for IBM Directory Server 4.1 Windows OS Server Installations



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Patch P410W-00B

Patch: P410W-00B

Date: August 28, 2002

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

General description

The Patch contains fixes for a single 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 also be found on the IBM Directory Server Library Web page using a link from http://www-3.ibm.com/software/network/directory/library. You can get to the latest information here:

http://www-

3.ibm.com/software/network/directory/library/v41/addendum41.pdf

Problems fixed

New fixes in P410W-00B

APAR IR48934 (CMVC 73905)

The LDAP client library abends when attempting to send a search request which includes an incorrectly structured filter composed of an imbalanced set of open and closed parentheses.

APAR IR48780 (CMVC 72035)

When Access Manager performs an authentication, it has been determined that there is a memory leak on each occurance.

APAR IR48750 (CMVC 73165)

ldap_create_page_control() and ldap_parse_page_control() does not work correctly in Directory 4.1

APAR IR48847 (CMVC 73322)

LDAP Client dies processing SHA encrypted userPassword value

Platforms

Microsoft® Windows NT® 4.0, Windows® 2000 and Windows 98

Dependencies

IBM Directory 4.1 must be installed.

DB2 Universal Database[™] for Windows- Personal or Enterprise edition (DB2[®]).

Files replaced or added by this Patch

With \$INSTALL_DIR representing the root of the LDAP installation, the files replaced are:

```
%INSTALL DIR%/lib/ldapstatic.lib
%INSTALL DIR%/lib/ldap.lib
%INSTALL DIR%/bin/ldap.dll
%INSTALL_DIR%/bin/P410W-00B.txt
```

The default for INSTALL_DIR is C:\Program Files\IBM\LDAP.

Patch contents

The archive for this Patch is named P410W-00B.zip. The archive for this Patch includes:

```
- This README file
- The file /lib/ldapstatic.lib
- The file /lib/ldap.lib
- The file /bin/ldap.dll
- The file /bin/P410W-00B.txt
```

Applying the Patch

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

http://www-

3.ibm.com/software/network/directory/library/publications/41/config/admin_gd.pdf

- 1. Extract the Patch contents into a scratch directory. Use an unzip utility for extraction.
- 2. For each of the master and slave server installations targeted to receive the Patch, make sure the servers are stopped prior to applying the Patch.
- 3. Replace the installed version of each file with the version included in the Patch. Move the currently installed file to a location outside of the LDAP installation filesystem or rename the currently installed file. Copy the extracted files to the correct locations in the install folder. The install version locations for each file are:

```
%INSTALL DIR%/lib/ldapstatic.lib
%INSTALL DIR%/lib/ldap.lib
%INSTALL DIR%/bin/ldap.dll
%INSTALL DIR%/bin/P410W-00B.txt
```

Again, the default for INSTALL_DIR is C:\Program Files\IBM\LDAP.

4. At this point each of the replica and master servers can be started.

Confirming the Patch has been applied successfully

The Patch has been applied successfully if all files included in the Patch have replaced the pre-Patch files of the same names. If after applying the Patch, any facility making use of the SDK has degraded function as compared to its pre-fix operation, please notify IBM Directory Server Version 4.1 support personnel.

Below is some relevant information on the replacement files:

```
- Filesize for ldap/bin/ldap.dll
                                  is 438443
- Filesize for ldap/lib/ldap.lib is 231996
- Filesize for ldap/lib/ldapstatic.lib is 1369744
```

```
- sum -r ldap/bin/ldap.dll results are: 54937 xxxx results are: 14855 xxxx
- sum -r ldap/lib/ldapstatic.lib results are: 20958 xxxx
```

Each xxxx represents the number of blocks used by the file. This number is filesystem format dependent.

The contents of the bin/P410W-00B.txt file are: IBM Directory Release: aus411dap Build: 020731a

IBW .

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