



Patch P410T-001A README for IBM Directory Server 4.1 Linux s390 Installations



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Patch P410T-001A

Patch: P410T-001A

Date: September 23, 2002

IBM® Directory Server Version 4.1

General description

The Patch contains fixes for a single problems encountered in IBM Directory Server Version 4.1 Fix pack 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 P410T-001A

APAR IR49538 (CMVC 74502)

4.1 bulkload uses 5x times more memory than 3.2.2.

Platforms

SuSE Linux 7.2 or higher, or Turbolinux 6.5 or higher, for Linux s390

Dependencies

IBM Directory 4.1 Fix pack 1 must be installed.

DB2 Universal Database™ for Linux s390 Enterprise edition - version 7.2 with FixPack 5 or higher (DB2®).

Files replaced or added by this Patch

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

\$INSTALL_DIR/sbin/bulkload

The default for \$INSTALL_DIR is /usr/ldap.

Patch contents

The archive for this Patch is named P410T-001A.tar.Z. The archive for this Patch includes:

- This README file
- The file sbin/bulkload
- The file bin/P410T-001A.txt

Applying the Patch

1. Extract the Patch contents into a temporary directory. For the purpose of this release note, assume that the symbol \$TEMP points to the following directory:

```
# cd $TEMP
# tar -xvf P410T-001A.tar.Z
```

2. 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/sbin/bulkload
$INSTALL_DIR/bin/P410T-001A.txt
```

Again, the default for INSTALL_DIR is /usr/ldap.

3. Assign the correct owner, group, and permissions to the replaced files. Assign the correct owner, group, and permissions to the replaced files.

```
# chown ldap:ldap <file>
```

The permissions on the files must be set according to the following guide:

```
# chmod <permissions> <file>
```

```
$INSTALL_DIR/sbin/bulkload          755
$INSTALL_DIR/bin/P410T-001A.txt     644
```

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 sbin/bulkload is 1483048
- sum -r sbin/bulkload results are: 42474

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

The contents of the bin/P410T-001A.txt file are:

```
IBM Directory    Release: aus41ldap Build: 020923a
```




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