



Patch P321A-06C README for IBM
SecureWay Directory version 3.2.1 for the
AIX operating system



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AIX operating system

Note

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

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Patch P321A-06C

Patch: P321A-06C

Date: March, 2003

IBM® SecureWay® Directory version 3.2.1 (56-bit Encryption Installations)

General description

The patch contains fixes for problems encountered in IBM SecureWay Directory version 3.2.1. 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 SecureWay Directory Version 3.2.1 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/previous.html>

You can get to the latest information here:

<http://www.ibm.com/software/network/directory/library/addendum.htm>

Problems fixed

New fixes in P321A-06C

APAR IR51006 (CMVC Defect 78185) - IBM SecureWay Directory 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 SecureWay Directory might terminate.

Platforms

The IBM SecureWay Directory version 3.2.1 is supported on the following levels of the AIX® Operating System:

- The AIX Operating System version 4.3.3 with the following filesets and fixes installed and on higher maintenance levels of AIX Release 4.3.3
 - X11.adt.lib 4.3.3.0
 - X11.adt.motif 4.3.3.0
 - bos.adt.include 4.3.3.0
 - bos.adt.prof 4.3.3.0

Refer to the *IBM SecureWay Directory for AIX Version 3.2.1 Installation and Configuration Guide* for additional Fix pack requirements. See the IBM Directory 3.2.1 library at

<http://www.ibm.com/software/network/directory/library/previous.html>

Dependencies

IBM SecureWay Directory 3.2.1 with fix pack 6 must be installed.

- DB2 Universal Database™ for AIX - Personal, Workgroup, Enterprise, or Extended Enterprise edition - version 5.2 with FixPak U461709 or or higher maintenance levels of DB2® 5.2, or DB2 Universal Database for AIX -Personal, Workgroup, Enterprise, or Extended Enterprise edition - version 6.1 or higher maintenance levels of DB2 6.1.

Patch contents

The archive for this patch is named P321A-06C.tar.Z. The server install includes the following files:

File	bytes	sum -r
=====	=====	=====
P321A-06C.filelist.server	64	49447
P321A-06CReadme.pdf	-----	-----
\$INSTALL_DIR/lib/libback-rdbm.a	1745152	55847
\$INSTALL_DIR/bin/P321A-06C.txt	61	55853

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

Applying the patch

Note: Your replication environment must be cleaned or resynchronized, or both.

See "Replication" under the Reference section of the *IBM SecureWay Directory Version 3.2.1: Administration Helps* at:

<http://www.ibm.com/software/network/directory/library/publications/webadmin/parent.htm>

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.

Note: After stopping the clients and server, you must run slibclean to unload shared libraries from memory before they can be replaced.

2. Copy the patch archive (P321A-06C.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 150 MB for a full server install, less if patching a client only installation. Open a command prompt and type:

```
# su
# slibclean
# cd {directory where P321A-06C.tar.Z is}
# export INSTALL_DIR=/usr/ldap {or alternate IDS 3.2.1 install directory}
# export PATCH_DIR=`pwd`
# rm P321A-06C.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:

```
# ls|pp -l | grep ldap.server
```

If any filesets are listed, then this is a server install. Extract P321A-06C.filelist.server from the archive.

```
# zcat P321A-06C.tar.Z | tar -xf - P321A-06C.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/P321A-06C.UNDO.tar `cat $PATCH_DIR/P321A-06C.filelist.*`
# compress $PATCH_DIR/P321A-06C.UNDO.tar
```

5. Apply the patch:

```
# cd $PATCH_DIR
# mkdir tmp
# cd tmp
# zcat ../P321A-06C.tar.Z | tar xf - `cat ../P321A-06C.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, above). If so, then you can uninstall the patch by deleting `$INSTALL_DIR/bin/P321A-06C*` and extracting `$PATCH_DIR/P321A-06C.UNDO.tar.Z`:

```
# cd $INSTALL_DIR
# rm bin/P321A-06C*
# zcat $PATCH_DIR/P321A-06C.UNDO.tar.Z | tar -xvf -
```

Confirming the patch has been applied successfully

After installation, the file `$INSTALL_DIR/bin/P321A-06C.txt` contains the following:

```
IBM SecureWay Directory      Release: aus321ldap  Build: 030313a
```

All the files listed in `$PATCH_DIR/P321A-06C.filelist.*` match the files sizes and checksums listed in “Patch contents” on page 2.

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