



# Patch P321S-06C README for IBM Directory Server 3.2.1 for the Solaris Operating Environment Software





# Patch P321S-06C README for IBM Directory Server 3.2.1 for the Solaris Operating Environment Software

**Note**

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

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## Patch P321S-06C

Patch: P321S-06C

Date: March, 2003

IBM® SecureWay® Directory version 3.2.1 (128-bit Encryption Installations)

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### 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>

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### Problems fixed

#### New fixes in P321S-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:

- Solaris Operating Environment Software version 2.6 or higher maintenance levels of version 2.6.
- Solaris 7 or or higher maintenance levels of version 7 (32-bit version only).

On Solaris 7, the following patch levels are required to run the Directory Management Tool (DMT) on the client and server. They are also needed to run the LDAP configuration programs (`ldapcfg`, `ldapxcfg`, `ldapucfg`) on the server:

- 109104-01 (needed for 106541-12)
- 107544-02 (needed for 106541-12)
- 106541-12 (needed for 106980-13)
- 106980-13
- 107081-22
- 107636-05
- 108376-07 (needed for Asian locales only)

- 107544-03
- 109104-04

You can download Solaris patches directly from Sun Microsystems, Inc. at the following Web site: <http://sunsolve.Sun.COM>.

Refer to the *IBM SecureWay Directory Version 3.2.1 for the Solaris Operating Environment Software Installation and Configuration Guide* for additional Fix pack requirements. See the IBM Directory 3.2.1 library at <http://www-3.ibm.com/software/network/directory/library>

## Dependencies

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

DB2 Universal Database™ for Solaris - Workgroup, or Enterprise edition - version 5.2 with FixPak U462900 or higher maintenance levels of DB2® 5.2 or DB2 Universal Database for Solaris - 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 P321S-06C.tar.Z. The server install includes the following files:

File	bytes	sum -r
=====	=====	=====
P321S-06C.filelist.server	65	49850
P321S-06CReadme.pdf	-----	-----
\$INSTALL_DIR/IBM\daps/lib/libback-rdbm.so	1402772	22707
\$INSTALL_DIR/IBM\daps/bin/P321S-06C.txt	61	55853

The default for \$INSTALL\_DIR is /opt.

## 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.
2. Copy the patch archive (P321S-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 75 MB for a full server install, less if patching a client only installation. Open a command prompt and type:

```
# su
# cd {directory where P321S-06C.tar.Z is}
# export INSTALL_DIR=/opt {or alternate IDS 3.2.1 install directory}
# export PATCH_DIR=`pwd`
# rm P321S-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:



```
# pkginfo | grep IBM1dap
```

If any filesets are listed, then this is a server install. Extract P321S-06C.filelist.server from the archive.

```
# zcat P321S-06C.tar.Z | tar -xf - P321S-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/P321S-06C.UNDO.tar `cat $PATCH_DIR/P321S-06C.filelist.*`
# compress $PATCH_DIR/P321S-06C.UNDO.tar
```

5. Apply the patch:

```
# cd $PATCH_DIR
# mkdir tmp
# cd tmp
# zcat ../P321S-06C.tar.Z | tar xf - `cat ../P321S-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, above). If so, then you can uninstall the patch by deleting \$INSTALL\_DIR/bin/P321S-06C\* and extracting \$PATCH\_DIR/P321S-06C.UNDO.tar.Z:

```
# cd $INSTALL_DIR
# rm bin/P321S-06C*
# zcat $PATCH_DIR/P321S-06C.UNDO.tar.Z | tar -xvf -
```

## Confirming the patch has been applied successfully

After installation, the file \$INSTALL\_DIR/bin/P321S-06C.txt contains the following:

```
IBM SecureWay Directory      Release: aus3211dap  Build: 030313a
```

All the files listed in \$PATCH\_DIR/P321S-06C.filelist.\* match the files sizes and checksums listed in “Patch contents” on page 2.



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## Appendix.

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