



Patch P321W-06C README for IBM Directory Server 3.2.1 for Windows operating systems



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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 P321W-06C

Patch: P321W-06C

Date: March, 2003

IBM® Directory Server Version 3.2.1 (128-bit Encryption Installations)

General description

The patch contains fixes for problems encountered in IBM Directory Server 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 also 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 P321W-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

Microsoft® Windows NT® 4.0 with Service Pack 4 or higher maintenance level of 4.0.

Dependencies

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

Refer to *IBM SecureWay Directory for Windows NT Version 3.2.1 Installation and Configuration Guide* for additional patch requirements. See the IBM Directory Server 3.2.1 library at

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

See the *IBM SecureWay Directory version 3.2.1 README Addendum* at

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

Patch contents

The archive for this patch is named P321W-06C.zip. The archive for this patch includes:

The file P321W-06CReadme.pdf
The file bin\libback-rdbm.dll
The file bin\P321W-06C.txt

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. 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. Also, if this is a client only installation, make sure the applications linking to the client shared libraries have also been stopped.
3. Replace the installed version of each file with the version included in the patch.
 - a. Move the currently installed file to a location outside of the LDAP installation filesystem or rename the currently installed file. This prevents existing files from being overwritten by new files in the patch.

Note: If this step is not done, then you cannot return to your pre-patch state.

- b. Copy the extracted patch files to the correct locations in the install folder. The install version locations for each file follow.

The following files are newly added file. There are no file of the same name to replace.

```
%INSTALL_DIR%\bin\P321W-06C.txt  
%INSTALL_DIR%\bin\P321W-06CReadme.pdf
```

Replace the following file:

```
%INSTALL_DIR%\bin\libback-rdbm.dll
```

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

4. Restart any application previously terminated to apply this patch.

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 the directory server cannot be restarted, or any other associated function is degraded, please notify IBM Directory Server support personnel.

The following is some relevant information on the replacement files:

```
Filesize for bin\P321W-06C.txt           is      73  
Filesize for bin\libback-rdbm.dll       is 709120
```

The sum command is not native to the Windows[®] operating systems. To obtain the sum information (if required) might involve use of a Unix operating system.

```
sum -r bin\P321W-06C.txt                 results are: 63850  
sum -r bin\libback-rdbm.dll              results are: 55498
```


The contents of the bin\P321W-06C.txt file are:

IBM SecureWay Directory Release: aus321ldap Build: 030313a

Appendix. Notices

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