



Patch P510W-00C README for IBM Directory Server 5.1 Windows operating systems



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Note

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

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Patch P510W-00C

patch: P510W-00C

Date: March, 2003

IBM® Directory Server Version 5.1 (128-bit Encryption Installations)

General description

The patch contains fixes for problems encountered in IBM Directory Server Version 5.1. 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 5.1 for Windows NT® and Windows® 2000 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>

You can get to the latest information here:

<ftp://ftp.software.ibm.com/software/network/directory/library/v51/addendum51.pdf>

Problems fixed

New fixes in P510W-00C

APAR IR50946 (CMVC Defect 78185) - IBM Directory Server 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 Directory Server might terminate.

Platforms

Microsoft® Windows NT 4.0, Windows 2000, and Windows XP operating systems.

Refer to the *IBM Directory Server Version 5.1 Installation and Configuration Guide* for additional fix pack or patch requirements. See the IBM Directory 5.1 library at

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

Dependencies

IBM Directory Server 5.1 must be installed.

DB2 Universal Database™ for Windows version 8.1 Workgroup Server Edition (DB2®) or DB2 version 7.2 with FixPak 5 or higher maintenance levels of DB2.

Refer to the *IBM Directory Server Version 5.1 Installation and Configuration Guide* for additional fix pack or patch requirements. See the IBM Directory 5.1 library at

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

Patch contents

The archive for this patch is named P510W-00C.zip. The archive for this patch includes:

The file P510W-00CReadme.pdf
The file bin\libback-rdbm.dll
The file bin\P510W-00C.txt

Applying the patch

Note: Your replication environment must be cleaned or resynchronized, or both. See Chapter 7, "Replication," of the *IBM Directory Server Version 5.1: Administration Guide* at:

ftp://ftp.software.ibm.com/software/network/directory/library/v51/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. 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\P510W-00C.txt  
%INSTALL_DIR%\bin\P510W-00CReadme.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\P510W-00C.txt           is      66  
Filesize for bin\libback-rdbm.dll       is 1027301
```

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\P510W-00C.txt                 results are: 13579  
sum -r bin\libback-rdbm.dll              results are: 11014
```


The contents of the bin\P510W-00C.txt file are:

IBM Directory Release: aus511dap Build: 030312a

Appendix.

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