



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



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

Note

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

Contents

Patch P321W-06C	1	Applying the patch	2
General description	1	Confirming the patch has been applied successfully.	2
Problems fixed.	1		
New fixes in P321W-06C	1		
Platforms	1	Appendix. Notices	5
Dependencies	1	Trademarks.	6
Patch contents	2		

Patch P321W-06C

Patch: P321W-06C

Date: March, 2003

IBM® Directory Server Version 3.2.1 (56-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 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

This information was developed for products and services offered in the U.S.A. IBM might not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation Licensing
2-31 Roppongi 3-chome, Minato-ku
Tokyo 106, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law:

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the information. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this information at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation
Department LZKS
11400 Burnet Road
Austin, TX 78758
U.S.A.

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement, or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurement may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

All IBM prices shown are IBM's suggested retail prices, are current and are subject to change without notice. Dealer prices may vary.

Trademarks

The following terms are trademarks of International Business Machines Corporation in the United States, or other countries, or both:

- DB2[®]
- DB2 Universal Database[™]
- IBM
- SecureWay

Microsoft, , Windows, and Windows NT are registered trademarks of Microsoft Corporation

Other company, product, and service names may be trademarks or service marks of others.



Printed in U.S.A.