

IBM Tivoli Directory Server



Messages Guide

Version 6.0

IBM Tivoli Directory Server



Messages Guide

Version 6.0

Note

Before using this information and the product it supports, read the general information under Appendix B, "Notices," on page 203.

First Edition (April 2005)

This edition applies to version 6, release 0, of IBM Tivoli Directory Server and to all subsequent releases and modifications until otherwise indicated in new editions.

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Preface

This book provides a list of all informational, warning, and error messages associated with IBM® Tivoli® Directory Server 6.0.

Who should read this book

This book is intended for system administrators and directory server administrators who are responsible for maintaining and troubleshooting IBM Tivoli Directory Server.

Publications

Read the descriptions of the IBM Tivoli Directory Server library, the prerequisite publications, and the related publications to determine which publications you might find helpful. After you determine the publications you need, see “Accessing publications online” on page vi for information about accessing publications online.

IBM Tivoli Directory Server library

The publications in the IBM Tivoli Directory Server library are:

IBM Tivoli Directory Server Version 6.0 Release Notes

Contains information about the new features in the IBM Tivoli Directory Server Version 6.0 release, as well as last-minute updates.

IBM Tivoli Directory Server Version 6.0 Installation and Configuration Guide

Contains complete information for installing, configuring, and uninstalling IBM Tivoli Directory Server. Includes information about migrating from a previous version of IBM Tivoli Directory Server or SecureWay® Directory.

IBM Tivoli Directory Server Version 6.0 Administration Guide

Contains instructions for performing administrator tasks through the Web Administration Tool and the command line.

IBM Tivoli Directory Server Version 6.0 Performance Tuning Guide

Contains information about tuning your server for better performance.

IBM Tivoli Directory Server Version 6.0 Server Plug-ins Reference

Contains information about writing server plug-ins.

IBM Tivoli Directory Server Version 6.0 C-Client SDK Programming Reference

Contains information about writing Lightweight Directory Access Protocol (LDAP) client applications.

IBM Tivoli Directory Server Version 6.0 Problem Determination Guide

Contains information about possible problems and corrective actions that can be tried before contacting Software Support.

IBM Tivoli Directory Server Version 6.0 Messages Guide

Contains a list of all informational, warning, and error messages associated with IBM Tivoli Directory Server 6.0.

Related publications

Information related to IBM Tivoli Directory Server is available in the following publications:

- IBM Tivoli Directory Server Version 6.0 uses the JNDI client from Sun Microsystems. For information about the JNDI client, refer to the *Java™ Naming and Directory Interface™ 1.2.1 Specification* on the Sun Microsystems Web site at <http://java.sun.com/products/jndi/1.2/javadoc/index.html>.
- The Tivoli Software Library provides a variety of Tivoli publications such as white papers, datasheets, demonstrations, redbooks, and announcement letters. The Tivoli Software Library is available on the Web at: <http://publib.boulder.ibm.com/tividd/td/tdprodlist.html>
- The *Tivoli Software Glossary* includes definitions for many of the technical terms related to Tivoli software. The *Tivoli Software Glossary* is available at <http://publib.boulder.ibm.com/tividd/glossary/tivoliglossarymst.htm>

Accessing publications online

The publications for this product are available online in Portable Document Format (PDF) or Hypertext Markup Language (HTML) format, or both in the Tivoli software library: <http://publib.boulder.ibm.com/tividd/td/tdprodlist.html>

To locate product publications in the library, click the **Product manuals** link on the left side of the library page. Then, locate and click the name of the product on the Tivoli software information center page.

Product publications include release notes, installation guides, user's guides, administrator's guides, and developer's references.

Note: To ensure proper printing of PDF publications, select the **Fit to page** check box in the Adobe Acrobat Print window (which is available when you click **File → Print**).

Ordering publications

You can order many Tivoli publications online at the following Web site:

<http://www.elink.ibm.com/public/applications/publications/cgi-bin/pbi.cgi>

You can also order by telephone by calling one of these numbers:

- In the United States: 800-879-2755
- In Canada: 800-426-4968

In other countries, see the following Web site for a list of telephone numbers:

<http://www.ibm.com/software/tivoli/order-lit/>

Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. With this product, you can use assistive technologies to hear and navigate the interface. You also can use the keyboard instead of the mouse to operate all features of the graphical user interface.

Tivoli technical training

For Tivoli technical training information, refer to the IBM Tivoli Education Web site: <http://www.ibm.com/software/tivoli/education>.

Support information

If you have a problem with your IBM software, you want to resolve it quickly. IBM provides the following ways for you to obtain the support you need:

- Searching knowledge bases: You can search across a large collection of known problems and workarounds, Technotes, and other information.
- Obtaining fixes: You can locate the latest fixes that are already available for your product.
- Contacting IBM Software Support: If you still cannot solve your problem, and you need to work with someone from IBM, you can use a variety of ways to contact IBM Software Support.

For more information about these three ways of resolving problems, see Appendix A, “Support information,” on page 199.

Conventions used in this book

This reference uses several conventions for special terms and actions and for operating system-dependent commands and paths.

Typeface conventions

The following typeface conventions are used in this reference:

Bold Lowercase commands or mixed case commands that are difficult to distinguish from surrounding text, keywords, parameters, options, names of Java classes, and objects are in **bold**.

Italic Variables, titles of publications, and special words or phrases that are emphasized are in *italic*.

<*Italic*>

Variables are set off with < > and are in <*italic*>.

Monospace

Code examples, command lines, screen output, file and directory names that are difficult to distinguish from surrounding text, system messages, text that the user must type, and values for arguments or command options are in monospace.

Operating system differences

This book uses the UNIX[®] convention for specifying environment variables and for directory notation. When you are using the Windows[®] command line, replace *\$variable* with *%variable%* for environment variables and replace each forward slash (/) with a backslash (\) in directory paths. If you are using the bash shell on a Windows system, you can use the UNIX conventions.

Chapter 1. Overview

This reference provides a list of all informational, warning and error messages associated with the IBM Tivoli Directory Server.

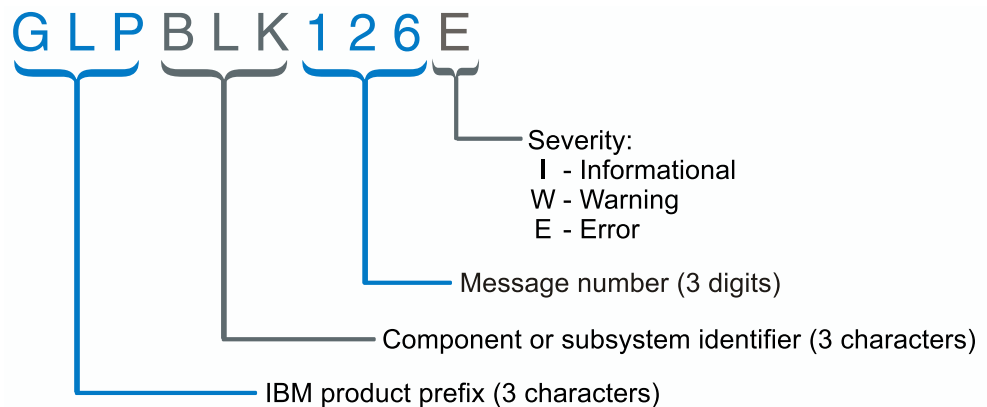
Message format

A displayed or printed message can appear by itself or with other information, such as a time stamp. A message consists of a message identifier (ID) and message text. A message number is also associated with a message.

Message ID format

A message ID consists of 10 alphanumeric characters that uniquely identify the message. The message ID is composed of:

- a 3-character product identifier
- a 3-character component or subsystem identifier
- a 3-digit serial number
- a 1-character type code indicating the severity of the message



The product identifier for IBM Tivoli Directory Server is GLP.

Some valid message IDs are:

```
GLPCTL007W
GLPICR015I
GLPRDB002E
GLPSRV029E
GLPCCH001I
GLPSSL027E
```

Component identifiers

Messages associated with IBM Tivoli Directory Server contain the component or subsystem identifiers shown in table 1:

Component identifier	Component
ADM	Admin Daemon process
BLK	bulkload utility

Component identifier	Component
CAT	Catalog files
CCH	idscfgchglg utility
CDB	idscfgdb utility
CFG	idsxcfg and idsxinst utilities
COM	Common server libraries
CSC	idscfgsch utility
CSF	idscfgsuf utility
CTL	Common configuration tools libraries
D2L	db2ldif utility
DBB	dbback utility
DBR	dbrestore utility
DDS	ddsetup utility
DPW	idsdnpw utility
HST	idssethost utility
ICR	idsicrt utility
IDP	idsidrop utility
ILT	idsilist utility
L2D	ldif2db utility
LNK	idslink and idsrmlink utilities
MIG	idsimigr utility
PRT	idssetport utility
PXY	Server proxy
RDB	Server RDBM
RPL	Server replication
RUN	runstats utility
SCH	Schema
SRV	Server front end
SSL	Server SSL
UCH	idsucfgchglg utility
UDB	idsucfgdb utility
USC	idsucfgsch utility
USF	idsucfgsuf utility
WRP	Wrapper script messages

Severity

The severity is indicated by the last character in the message ID.

I Informational

Provides information or feedback about normal events that occur.

GLPCCH012I Change log will be configured.

GLPCDB028I Reconfiguring database password.

GLPADM010I Admin Daemon is configured for secure connections.

W Warning

Indicates that potentially undesirable conditions have occurred, but processing can continue; for example:

GLPCFG004W Server must be stopped before running this operation.
GLPSRV084W Trace enabled from command line.
GLPCFG097W Failed to set administrator DN.

E Error

Indicates that a problem has occurred that requires intervention or correction before processing can continue; for example:

GLPCDB034E Internal error while retrieving the database instance
for the directory server instance.
GLPBLK024E The -R option value must be 'yes' or 'no'.
GLPSSL008E An incorrect label was specified for SSL key database
key_database_filename.

Presentation of messages in this book

The following list describes the different parts of the message explanations in this book.

Explanation

Describes the meaning of the message, including why the message was issued. Might describe what system actions were taken as a result of the message.

Operator Response

Provides information on how to correct the problem.

Administrator Response

Provides information on how to correct the problem if System Administrator authority is required.

Programmer Response

Describes the corrective actions the System Programmer should take.

Chapter 2. Messages

GLPADM001I

Command to start or stop an administration daemon instance.

Usage: *program name* [-I instancename [-f configfile] [-h debuglevel]

[[[-p port] [-s secureport] [-c]] | -k] | -v | -? | -h ?

where:

- ? Displays this help screen.
- c Run the Admin Daemon instance in console mode.
- f<configfile> Specifies the full path to the configuration file to use. If not specified, the default configuration file for the Admin Daemon instance will be used.
- h<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- h ? Displays the debug help screen.
- I<instancename> Specifies the name of the Admin Daemon instance to start or stop.
- k Stops the Admin Daemon instance if it is running.
- p<port> Specifies the port to start the Admin Daemon instance.
- s<secureport> Specifies the secure port to start Admin Daemon instance.
- v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPADM002I

Command to start or stop an administration daemon instance.

Usage: *program name* [-I instancename [-f configfile] [-h debuglevel]

[[[-p port] [-s secureport]] | -k | -i | -u] | -v | -? | -h ?

where:

- ? Displays this help screen.
- f<configfile> Specifies the full path to the configuration file to

GLPADM003E • GLPADM006I

- use. If not specified, the default configuration file for the Admin Daemon instance will be used.
- h<debuglevel>** Sets the debug level in the LDAP library. Use in conjunction with the `ldtrc` command.
- h ?** Displays the debug help screen.
- I<instancename>** Specifies the name of the Admin Daemon instance to start or stop.
- i** Installs the Admin Daemon instance as a service.
- k** Stops the Admin Daemon instance if it is running.
- p<port>** Specifies the port to start the Admin Daemon instance.
- s<secureport>** Specifies the secure port to start Admin Daemon instance.
- u** Removes the Admin Daemon instance as a service.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPADM003E Unable to complete the initial feature registration.

Explanation: The Administration Daemon was unable to register all the known features. This functionality is necessary for the Web Administration console, as well as for any clients wanting to access this information.

Operator Response: Verify that the configuration file settings are correct, especially those regarding plug-ins. If the problem persists, contact an IBM support representative.

GLPADM004I Version number `ibmdiradm` started

Explanation: No additional information is available for this message.

GLPADM005E Admin Audit log file '*file name*' is full, unable to log any more records.

Explanation: The Admin Daemon audit log is full. This prohibits the Admin Daemon from logging any more audit records.

Operator Response: Verify that the system is not out of disk space, that the audit log exists and is writable. Also, verify that location where the file resides still has space.

GLPADM006I Admin Daemon version is *version (date time)*

Explanation: No additional information is available for this message.

GLPADM007E Admin Daemon attempt to setsockopt() failed to set TCP_NODELAY; errno error value (error string).

Explanation: The Admin Daemon received the specified error attempting to set the socket option: TCP_NODELAY.

Operator Response: Ensure that TCP/IP is operating correctly.

GLPADM008E Admin Daemon call to setsockopt() to set keep alive failed; errno error value (error string).

Explanation: The Admin Daemon received the specified error attempting to set the socket option: keep alive.

Operator Response: Ensure that TCP/IP is operating correctly.

GLPADM009I Configuration read the securePort port number.

Explanation: No additional information is available for this message.

GLPADM010I Admin Daemon is configured for secure connections.

Explanation: No additional information is available for this message.

GLPADM011I Admin Daemon is configured for secure connections only.

Explanation: No additional information is available for this message.

GLPADM012I Admin Daemon is configured to use TLS.

Explanation: No additional information is available for this message.

GLPADM013I Admin Daemon is configured for secure connections and TLS.

Explanation: No additional information is available for this message.

GLPADM014I Configuration read the cipher specifications mask to be cipher mask value.

Explanation: No additional information is available for this message.

GLPADM015I Non-SSL port overridden from the command line, value = port number.

Explanation: No additional information is available for this message.

GLPADM016E A client sent non-secured communications to the SSL port.

Explanation: The Admin Daemon determined that a client sent non-encrypted data to the secure port. The request from the client is ended.

Operator Response: If a command utility such as ldapsearch is called by the client and secure communications is intended, make sure the -Z (use secure communications) parameter is specified. If the client does not intend to use secure communications, then specify the non-secure port.

Programmer Response: If secure communications is intended, make sure the client calls ldap_ssl_start. If secure communications is not intended then specify the non-secure port.

GLPADM017I Configuration file was read successfully.

Explanation: No additional information is available for this message.

GLPADM018E • GLPADM026E

GLPADM018E Unable to open file *'file'*. Try specifying the full path name.

Explanation: The Admin Daemon is unable to open the specified configuration file.

Operator Response: Correct the file name and restart the server, or contact the administrator.

GLPADM019E Unable to create the necessary thread.

Explanation: The Admin Daemon is unable to obtain the necessary resources to create a required thread. If the failure occurs during startup of the LDAP Server, the program ends. If the failure occurs while processing a new client request or initializing secure communications for a client request, the program continues, but the request is not completed.

Operator Response: Verify that the system is not overloaded and is configured correctly.

GLPADM020E Configuration error: server using port *port* for both SSL and non-SSL.

Explanation: The Admin Daemon is listening on the specified port for both secure and nonsecure requests.

Operator Response: Reconfigure the secure or nonsecure port and restart the Admin Daemon.

GLPADM021E An administrator DN must be specified in the adminDn line.

Explanation: The LDAP Server encountered a blank adminDN parameter in the configuration file.

Operator Response: Set the Administrator DN in the configuration file.

GLPADM022E The -p option requires an integer to be specified for the port.

Explanation: A non-integer value was specified for the server port number.

Operator Response: Specify an integer when using the -p option.

GLPADM023E The -s option requires an integer to be specified for the secure port.

Explanation: A non-integer value was specified for the server secure port number.

Operator Response: Specify an integer when using the -s option.

GLPADM024E The program is unable to run because of an initialization error.

Explanation: The ibmdiradm program is unable to run because of an initialization error.

Operator Response: View earlier error message to see why the directory server did not start. If no previous error message was printed, contact IBM support.

GLPADM025E Admin Daemon was unable to start because it could not write to the ibmdiradm.pid file.

Explanation: The Admin Daemon failed start because it was unable to write the PID of the process to the ibmdiradm.pid file of the directory server instance

Operator Response: Verify that the location where the PID file is going to be created is writable and accessible by your user ID. This file needs to be created in the local tmp directory of the directory server instance. For example, in the ibmslapd-instance\name\tmp directory.

GLPADM026E You are not in the same primary group as the directory server instance owner '*instance name*'.
Only users in the same primary group as the directory server instance owner can start the Admin Daemon of a directory server instance.

Explanation: The program failed to start because you do not have the same primary group as the directory server instance owner.

Operator Response: Validate the primary group of the directory server instance owner. If you do not have the same primary group, you are not authorized to start the directory server instance.

GLPADM027E Extended operation *OID* failed, option *decimal option* is not valid for this request.

Explanation: The option is not valid for the specified extended operation.

Operator Response: Make sure the correct option is used with the extended operation request.

GLPADM028I Admin Daemon audit logging is started.

Explanation: No additional information is available for this message.

GLPADM029I Admin Daemon server is stopping.

Explanation: No additional information is available for this message.

GLPADM030I Admin Daemon server has started with auditing disabled.

Explanation: No additional information is available for this message.

GLPADM031I Created Windows service for Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPADM032E Failed to create Windows service for Admin Daemon instance: *'instance name'*.

Explanation: The admin daemon could not be installed as a windows service.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPADM033I The Windows service for Admin Daemon instance *'instance name'* already exists.

Explanation: No additional information is available for this message.

GLPADM034I Stopped Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPADM035E Failed to stop Admin Daemon instance: *'instance name'*.

Explanation: The program failed to successfully stop the admin daemon. The error may have occurred because the Admin Daemon was already stopped.

Operator Response: Verify that Admin Daemon exists on the machine and is running. If necessary, stop the Admin Daemon manually using the kill command on UNIX platforms or through the Windows Services panel on Windows platforms.

GLPADM036E Unable to stop Admin Daemon instance *'instance name'*, because the state of the server can not be determined.

Explanation: An attempted was made to stop the Admin Daemon instance and its state could not be determined.

Operator Response: This error most likely occurred because you do not have sufficient access to check the status of the Admin Daemon. Verify the Admin Daemon `ibmdiradm.pid` file has sufficient access for you to read it.

GLPADM037I The Admin Daemon instance *'instance name'* is already stopped.

Explanation: No additional information is available for this message.

GLPADM038I Deleted Windows service for Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPADM039E Failed to delete Windows service for Admin Daemon instance: *'instance name'*.

Explanation: The program failed to delete the Windows service for the Admin Daemon instance.

Operator Response: Verify that the Windows service for the Admin Daemon still exist. If it does not exist, no further action is required. If the Windows service does exist, attempt to recreate the problem using the same Admin Daemon instance. If the problem persists, contact IBM support.

GLPADM040E Unable to open audit log file *'filename'*.

Explanation: The Admin Daemon server enable to open the audit log file.

Operator Response: Make sure the server ID has access to the directories in the file name path and the file itself.

GLPADM041I Admin Daemon server terminating.

Explanation: The Admin Daemon server terminating.

GLPADM042E No Admin Audit entry found in the config file. Admin Daemon starting with no auditing.

Explanation: The Admin Audit entry is missing from the configuration file. The Admin Daemon will not audit any operations.

Operator Response: See the Admin Guide for instructions on enabling Admin Daemon auditing.

GLPADM043E The -k and -i option can not be used together.

Explanation: The user attempted to stop the Admin Daemon instance and register the Admin Daemon instance as a Windows service at the same time.

Operator Response: Specify only the -k or -i option.

GLPADM044E The -k and -u option can not be used together.

Explanation: The user attempted to stop the Admin Daemon instance and unregister the Admin Daemon instance as a Windows service at the same time.

Operator Response: Specify only the -k or -u option.

GLPADM045E The -i and -u option can not be used together.

Explanation: The user attempted to register and unregister the Admin Daemon instance as a Windows service at the same time.

Operator Response: Specify only the -i or -u option.

GLPADM046E Problems retrieving Entry *'entry DN'*.

Explanation: The admin Daemon could not retrieve the content of an entry from the configuration file.

Operator Response: Make sure the specified entry is in the configuration file.

GLPADM047E Found an unknown attribute *'attribute name'* **in entry** *'entry DN'*.

Explanation: An unknown attribute was encountered in the configuration file entry.

Operator Response: Make sure correct attributes are specified for the entry.

GLPADM048I Entry '*entry DN*' has been read from the configuration file.

Explanation: No additional information is available for this message.

GLPADM049I Debug levels:

Explanation: No additional information is available for this message.

GLPADM050I Found an unsupported attribute '*attribute name*' in entry '*entry DN*'.

Explanation: An unsupported attribute was encountered in the Admin Daemon's audit configuration entry. The Admin Daemon will ignore this attribute.

Operator Response: Make sure correct attributes are specified for the entry.

GLPADM051E Admin Daemon received a request to start or restart the server with an unsupported option.

Explanation: The Admin Daemon will only start or restart the server with the -a or -n option. The request to start or restart failed.

Operator Response: Make sure correct options are specified.

GLPADM052E Invalid port number specified: *port number*. Port number must be numeric, in the range 1 - 65535.

Explanation: Invalid port number specified.

Operator Response: Specify an integer within the 1 - 65535 range.

GLPBLK001I Command to load directory data from an LDIF file with a large number of entries into a database for a directory server instance.

usage:

utility_program_name -i *inputfile* [options]

where:

inputfile: name of file containing directory entries in LDIF format

options:

-a *load_action* load action mode (*parse_and_load*, *parseonly*, or *loadonly*)

-A *process_ACL* ACL processing mode (yes or no)

-b suppress progress indicator

-c *skip_index* skip index creation after load (yes or no)

-C *skip_index* skip index creation after load (yes or no)

-d *level* set debug level to '*level*' in LDAP library

-E number limit parsing errors reported

-e *drop_index* drop indexes before load (yes or no)

-f *configfile* LDAP directory configuration file

-g do not strip trailing spaces on attribute values

-G add members/uniquemembers to existing groups

-I *instancename* the name of the directory server instance

-k The chunk size of each parse load

-L *path* directory for temporary data

-n load is non-recoverable

-N load is non-recoverable

Explanation: No additional information is available for this message.

GLPBLK002E Disconnect other applications from the directory database and restart *program_name*.

Explanation: The bulkload utility cannot be run when other applications are attached to the directory database.

Operator Response: Make sure that the directory server is not running and that there are no other applications attached to the directory database.

GLPBLK003E • GLPBLK011E

GLPBLK003E Parsing entry failed. DN: *Distinguished Name*.

Explanation: The bulkload utility failed to parse the entry with the specified distinguished name in the input LDIF file.

Operator Response: Modify the entry with the specified distinguished name in the input LDIF file.

GLPBLK004I *number of entries* entries parsed successfully out of *number of entries* attempts.

Explanation: No additional information is available for this message.

GLPBLK005I *number of entries* entries passed schema checking out of *number of entries* attempts.

Explanation: No additional information is available for this message.

GLPBLK006I *number of entries* entries passed ACL, schema check and parsing out of *number of entries* attempts

Explanation: No additional information is available for this message.

GLPBLK007E The File system is full, bulkload cannot write to '*filename*'.

Explanation: The bulkload utility cannot write the temporary files to the directory as specified by the -L flag. (The default is the idsslapd-<instance name>/tmp directory.)

Operator Response: If this is a Unix or Linux system and free disk space is still available, set the ulimit for files to unlimited. Otherwise, increase the free disk space on the specified file system and retry bulkload. If this problem still exists, use -k option to reduce the temporary file size.

GLPBLK008E The bulkload utility was unable to read file specified at line *line number*. The entry was ignored.

Explanation: The bulkload utility cannot read the file as specified by the URL at the indicated line number in the input LDIF file.

Operator Response: Ensure that the file specified by the URL exists and retry bulkload.

GLPBLK009E An unsupported URL in the entry at line *line number*. The entry was ignored.

Explanation: The URL at the indicated line number in the input LDIF file is not supported. Only file URLs are supported in an LDIF file.

Operator Response: Correct the URL at the specified line number and retry bulkload. File URLs take the following form: attribute:< file:///path (where path syntax depends on platform). For example, the following are valid file Web addresses: jpegphoto:< file:///d:\temp\photos\myphoto.jpg (DOS/Windows style paths) jpegphoto:< file:///etc/temp/photos/myphoto.jpg (Unix style paths)

GLPBLK010E An error occurred in the translation of a value to UTF-8 codeset at line *line number*. The entry was ignored.

Explanation: The bulkload or the ldif2db utility cannot translate the value at indicated line number in the input LDIF file into the UTF-8 codeset.

Operator Response: Ensure that all characters in the value are valid and retry the utility.

GLPBLK011E An unrecognized charset name, *codeset name*, was found in the LDIF file. No translation to UTF-8 was attempted.

Explanation: The charset directive in the input LDIF file is not recognized or supported. The list of supported charset values can be found in the Appendix for LDAP data interchange format under IANA character sets supported by platform in the Administration Guide.

Operator Response: Correct the charset value in the LDIF file.

GLPBLK012E *utility_program_name*: **Cannot authenticate DN and password.**

Explanation: The credentials entered are not valid. There is an error verifying the DN and password.

Operator Response: Enter a valid DN and password.

GLPBLK013E *utility_program_name* **failed on 'file_operation' to file: file name.**

Explanation: The bulkload utility failed on the operation specified to the file indicated.

Operator Response: Check the file indicated for the operation that failed and correct the problem.

GLPBLK014E **Disconnect other applications from the directory database and restart** *program_name*.

Explanation: The bulkload utility cannot be run when other applications are attached to the directory database.

Operator Response: Make sure that the directory server is not running and that there are no other applications attached to the directory database.

GLPBLK015E **The -A option value must be 'yes' or 'no'.**

Explanation: You specified an invalid parameter with the -A option.

Operator Response: Specify 'yes' or 'no' with the -A option. Use the -? option to see the usage for the bulkload command.

GLPBLK016E **The -a option value must be 'parseonly', 'loadonly' or 'parse_and_load'.**

Explanation: You specified an invalid parameter with the -a option.

Operator Response: Specify 'parseonly', 'loadonly' or 'parse_and_load' with the -a option. Use the -? option to see the usage for the bulkload command.

GLPBLK017E **The -c option value must be 'yes' or 'no'.**

Explanation: You specified an invalid parameter with the -c option.

Operator Response: Specify 'yes' or 'no' with the -c option. Use the -? option to see the usage for the bulkload command.

GLPBLK018E **The -E option must be an integer between 0 and 1000000.**

Explanation: You specified an out of range value for the -E option.

Operator Response: Specify an integer between 0 and 1000000 with the -e option. Use the -? option to see the usage for the bulkload command.

GLPBLK019E **The -e option value must be 'yes' or 'no'.**

Explanation: You specified an invalid parameter with the -e option.

Operator Response: Specify 'yes' or 'no' with the -e option. Use the -? option to see the usage for the bulkload command.

GLPBLK020E **The -p option value must be 'yes' or 'no'.**

Explanation: You specified an invalid parameter with the -p option.

Operator Response: Specify 'yes' or 'no' with the -p option. Use the -? option to see the usage for the bulkload command.

GLPBLK021E The -S option value must be 'yes', 'no', or 'only'.

Explanation: You specified an invalid parameter with the -S option.

Operator Response: Specify 'yes', 'no', or 'only' with the -S option. Use the -? option to see the usage for the bulkload command.

GLPBLK022E The -x option value must be 'yes' or 'no'.

Explanation: You specified an invalid parameter with the -x option.

Operator Response: Specify 'yes' or 'no' with the -x option. Use the -? option to see the usage for the bulkload command.

GLPBLK023E The -L option value is too long, maximum number of characters is *number of characters*.

Explanation: You specified a directory that was too long for the -L option.

Operator Response: Specify a directory path that is less than the maximum number of characters with the -L option. Use the -? option to see the usage for the bulkload command.

GLPBLK024E The -R option value must be 'yes' or 'no'.

Explanation: You specified an invalid parameter with the -R option.

Operator Response: Specify 'yes' or 'no' with the -R option. Use the -? option to see the usage for the bulkload command.

GLPBLK025E The -i option is required.

Explanation: You did not specify the -i option, which is the input file for bulkload.

Operator Response: Specify the -i option. Use the -? option to see the usage for the bulkload command.

GLPBLK026E Invalid value of 0 specified for option -k.

Explanation: You specified 0 with the -k option which is not valid.

Operator Response: Specify the -k option with a valid value. Use the -? option to see the usage for the bulkload command.

GLPBLK027E The load action option (-a) must be 'parse_and_load' when -k option is specified.

Explanation: You specified the -a with an invalid option while using the -k option.

Operator Response: Specify the -a with the 'parse_and_load' value when using the -k option. Use the -? option to see the usage for the bulkload command.

GLPBLK028E The Remove tmp (-R option) must be yes when -k option is specified.

Explanation: You specified the -R with an invalid option while using the -k option.

Operator Response: Specify the -R with the 'yes' value when using the -k option. Use the -? option to see the usage for the bulkload command.

GLPBLK029W The -s option was specified with an invalid character delimiter. The default delimiter '|' will be used.

Explanation: The specified string delimiter is not valid. Acceptable characters are one of the following: % & ' () * , . / ; < > ? |

Operator Response: Specify a valid string delimiter with the -s option. Use the -? option to see the usage for the bulkload command.

GLPBLK030E Run DB2CMD.EXE first then run bulkload within the "DB2 CLP" command interpreter.

Explanation: The bulkload utility must be run from a DB2® command window.

Operator Response: Start bulkload from a DB2 command window.

GLPBLK031E Options -o and -t are mutually exclusive.

Explanation: Only one of the -o or -t option is allowed

Operator Response: Specify either -o or -t option. Use the -? option to see the usage for the bulkload command.

GLPBLK032E The -o file '*file_name*' already exists.

Explanation: The output file for timestamps and ibm-entryuuid already exists.

Operator Response: Rename or delete the existing file, or specify a different output file.

GLPBLK033E Options -G and -k are mutually exclusive.

Explanation: Only one of the -G or -k option is allowed

Operator Response: Specify either -G or -k option. Use the -? option to see the usage for the bulkload command.

GLPBLK034E The -S option not allowed when -k option is specified.

Explanation: Only one of the -S ONLY or -k option is allowed

Operator Response: Specify either -S ONLY or -k option. Use the -? option to see the usage for the bulkload command.

GLPBLK035W Previous LOAD failure detected in '*filename*'. Bulkload will try to restart load operations. "ACTION" is set to LOADONLY.

Explanation: The bulkload utility has been restarted. A previous bulkload attempt failed while attempting to load the specified file. The load will be attempted again.

Operator Response: Look for additional messages that given an indication of the success or failure of the restarted load.

GLPBLK036W Parse only option was chosen last time and detected in '*filename*'. But "ACTION" is not LOADONLY. Bulkload will backup the status file to '*filename.filename_suffix*'.

Explanation: The bulkload utility has been restarted, but LOADONLY was not specified. The status file from the previous run will be saved as indicated.

Operator Response: Look for additional messages that give an indication of the success or failure of the restarted bulkload.

GLPBLK037E The -a 'loadonly' was specified but there are no load files to load. '*filename*' is not found. Bulkload will stop.

Explanation: Option -a was set to LOADONLY, but the bulkload_status file was not found. LOADONLY can only succeed, if a previous invocation of bulkload successfully parsed the LDIF file. If the LDIF was previously parsed, then the bulkload status file name might have been incorrectly specified.

Operator Response: Run bulkload with other -a option values (parseonly, parse_and_load) so that the LDIF file is parsed or specify the correct filename. Use the -? option to see the usage for the bulkload command.

GLPBLK038E Load only option is chosen but bulkload status file is either not readable or corrupted. Bulkload will end.

Explanation: The option -a is set to LOADONLY, but the bulkload_status file is not readable or corrupted.

Operator Response: Run bulkload with other -a option values (parseonly, parse_and_load). Use the -? option to see the usage for the bulkload command.

GLPBLK039E Bulkload failed to rename the old status file '*filename*'. Bulkload will end.

Explanation: The -a option is not LOADONLY, but the previous bulkload_status file cannot be renamed.

Operator Response: Rename or delete the old status file and restart bulkload.

GLPBLK040E Bulkload failed to determine the home directory. Bulkload will end.

Explanation: On Windows operating systems, bulkload uses the registry to determine the home (installation) directory.

Operator Response: Check the Windows registry and verify that the IBM Tivoli Directory Server is correctly installed and registered.

GLPBLK041E Bulkload failed to determine import directory '*path*'. Bulkload will end.

Explanation: Bulkload cannot determine the import directory path.

Operator Response: Check that the path exists and ensure that it is accessible.

GLPBLK042E Bulkload failed to create the temporary directory under '*path*'. Bulkload will end.

Explanation: Bulkload cannot create the temporary directory under the specified import directory path.

Operator Response: Check that the path exists and ensure that it is accessible.

GLPBLK043E Bulkload failed to chdir to '*path*'. Bulkload will end.

Explanation: Bulkload cannot change the directory (chdir) to the specified import directory path.

Operator Response: Check that the path exists and ensure that it is accessible.

GLPBLK044I *number of errors* errors detected during parsing phase.

Explanation: No additional information is available for this message.

GLPBLK045E Input data failed to pass schema checking or parsing completely.

Explanation: Schema or syntax errors are detected in input data. Bulkload will skip the data LOAD phase.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK046E Entry '*DN of entry*' above line *line number* violates the schema definition. The error code is *return code*.

Explanation: The entry DN above the line specified in the error message violates the schema definition. Bulkload is unable to process that entry.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK047E Entry '*DN of entry*' above line *line number* does not contain objectclass.

Explanation: The entry DN above the line specified in the error message does not contain objectclass. Bulkload is unable to process that entry.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK048E Invalid UUID 'UUID' in input file.

Explanation: An invalid UUID exists in the bulkload file that bulkload was processing. Bulkload is unable to process that entry.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK049E Entry DN above line *line number* contains an invalid ACL definition.

Explanation: The entry DN above the line specified in the error message contains an invalid ACL definition. Bulkload is unable to process that entry.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK050I Extracting parent DNs ...

Explanation: No additional information is available for this message.

GLPBLK051E Invalid DN 'DN' detected at line *line number*.

Explanation: The DN at the line specified in the error message is invalid. Bulkload is unable to process that entry.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK052E DN 'DN' at line *line number* exceeds maximum length *size limit*.

Explanation: The DN at the line specified in the error message is too long. Bulkload is unable to process that entry.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK053W LDADPIMPORT directory is not consistent with the directory specified in '*filename*'. For ACTION=LOADONLY, bulkload will use '*path*' in *filename*.

Explanation: The LDADPIMPORT directory specified in the bulkload status is not consistent with what has been specified from the command line. Therefore, the directory specified in the bulkload status file will be used.

Operator Response: Verify that the directory used is valid.

GLPBLK054W LDADPIMPORT directory is not consistent with the directory specified in '*filename*'. Bulkload will use '*path*'.

Explanation: The LDADPIMPORT directory specified in the bulkload status is not consistent with what has been specified from the command line. Therefore, the directory specified in the bulkload status file will be used.

Operator Response: Verify that the directory used is valid.

GLPBLK055I Bulkload finished loading *number of entries* in *number of entries* passes. All input data have been processed and loaded successfully.

Explanation: No additional information is available for this message.

GLPBLK056W Bulkload failed to remove temporary directory under '*path*'.

Explanation: Bulkload cannot remove the temporary directory under the specified import directory path.

Operator Response: Ensure that the temporary directory can be removed. Ensure that the server ID has write access to the directory and no other applications are using the directory.

GLPBLK057E Error in translation of value from UTF-8 to a database codepage for entry '*DN of entry*'.

Explanation: Bulkload cannot translate the value from UTF-8 to a database codeset for the specified entry in the input LDIF file.

Operator Response: Ensure that all characters in the entry are valid and retry bulkload.

GLPBLK058E Entry '*DN of entry*' already exists in the directory .

Explanation: The specified entry in the input LDIF file already exists in the directory.

Operator Response: Remove the entry from the input file and retry bulkload.

GLPBLK059E Entry '*DN of entry*' already exists in the input file .

Explanation: The specified entry already exists in the input LDIF file.

Operator Response: Remove the duplicated entry from the input file and retry bulkload.

GLPBLK060E Cannot create DB2 table for attribute '*attribute name*'.

Explanation: Bulkload failed to create a DB2 table for the specified attribute.

Operator Response: Check the DB2 error log and correct possible resource problems.

GLPBLK061I Parsing entries ...

Explanation: No additional information is available for this message.

GLPBLK062I *number of members have been processed successfully for group 'DN of group'*.

Explanation: No additional information is available for this message.

GLPBLK063I *number of unique members have been processed successfully for group 'DN of group'*.

Explanation: No additional information is available for this message.

GLPBLK064E Entry '*DN of entry*' at line *line number* does not exist in the directory .

Explanation: The specified group entry in the input LDIF file does not exist in the directory.

Operator Response: Add the group entry into the directory and retry bulkload.

GLPBLK065E attribute '*attribute name*' at line *line number* is not defined in schema.

Explanation: Attributes used in the entry must be defined in the schema for bulkload to process properly.

Operator Response: Check the attribute name and verify it is defined in the schema.

GLPBLK066E attribute '*attribute name*' at line *line number* is not allowed with option -G.

Explanation: The -G option allows member and uniquemember attributes only.

Operator Response: Remove the invalid attributes in the ldif file.

GLPBLK067I Bulkload finished loading *number of entries* entries in *number of passes* passes. The last entry successfully loaded was '*DN of entry*' at line *line number*. Processing continues.

Explanation: No additional information is available for this message.

GLPBLK068E Attribute '*attribute name*' has a maximum value length of *integer*. Current[®] attribute value is of length *integer*.

Explanation: The attribute value to be added is longer than the maximum length defined in the schema. Adding the entry failed.

Operator Response: Specify a shorter value for the attribute and try loading the entry again.

GLPBLK069E Bulkload error, cannot find input file *'file name'*.

Explanation: Bulkload cannot find the specified input LDIF file.

Operator Response: Verify the name of the input file and try again.

GLPBLK070E Parent entry for *'DN of entry'* does not exist.

Explanation: The load of an entry failed because the parent DN does not exist or the suffix DN is not defined in the configuration file.

Operator Response: Correct the DN in the LDIF file or, in the case of missing suffix, add the suffix DN into the configuration file and try loading again.

GLPBLK071E Bulkload is unable to run because of an initialization error.

Explanation: Bulkload is unable to start because of an initialization error.

Operator Response: View earlier error messages to determine why bulkload did not start. If no previous error message was printed, contact IBM support.

GLPBLK072I Bulkload started.

Explanation: No additional information is available for this message.

GLPBLK073I Bulkload completed.

Explanation: No additional information is available for this message.

GLPBLK074E An internal error occurred while getting the directory database applications.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK075I You have chosen the following options:

Explanation: No additional information is available for this message.

GLPBLK076I -f: configuration file =
configFile

Explanation: No additional information is available for this message.

GLPBLK077I ACL loading mode = *mode*

Explanation: No additional information is available for this message.

GLPBLK078I -d: debug level = *level*

Explanation: No additional information is available for this message.

GLPBLK079I -E: Parsing errors allowed = *count*

Explanation: No additional information is available for this message.

GLPBLK080I -i: input file = *file*

Explanation: No additional information is available for this message.

GLPBLK081I • GLPBLK094I

GLPBLK081I -k: rolling parse-load chunk size = *size*

Explanation: No additional information is available for this message.

GLPBLK082I Import directory = *directory*

Explanation: No additional information is available for this message.

GLPBLK083I -N: Non recoverable load

Explanation: No additional information is available for this message.

GLPBLK084I -o: output file = *file*

Explanation: No additional information is available for this message.

GLPBLK085I -R: Remove temp directory = *directory*

Explanation: No additional information is available for this message.

GLPBLK086I Schema checking mode = *mode*

Explanation: No additional information is available for this message.

GLPBLK087I -s: string delimiter = *delimiter*

Explanation: No additional information is available for this message.

GLPBLK088I -t: operational attribute file = *file*

Explanation: No additional information is available for this message.

GLPBLK089I -v: Verbose

Explanation: No additional information is available for this message.

GLPBLK090I Indexes will be recreated after the load

Explanation: No additional information is available for this message.

GLPBLK091I Indexes will not be recreated after loading

Explanation: No additional information is available for this message.

GLPBLK092I Indexes will be dropped before loading

Explanation: No additional information is available for this message.

GLPBLK093I Indexes will not be dropped before loading

Explanation: No additional information is available for this message.

GLPBLK094I Action is LOADONLY

Explanation: No additional information is available for this message.

GLPBLK095I Action is PARSEONLY

Explanation: No additional information is available for this message.

GLPBLK096I Action is PARSE Then LOAD

Explanation: No additional information is available for this message.

GLPBLK097I Is this correct? y or n

Explanation: No additional information is available for this message.

GLPBLK098E An internal error occurred while processing the LDADPIMPORT directory.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK099E The file system is full or a load file exceeded maximum file size.

Explanation: Bulkload generates temporary files under the instance owner's tmp directory or the directory specified with -L option. Either the file system is full or, on Unix and Linux systems, the maximum file size limit has been reached. Bulkload is unable to continue.

Operator Response: If this is a Unix or Linux system and free disk space is still available, set the ulimit for files to unlimited. Otherwise, increase the free disk space on the specified file system and retry bulkload. If this problem still exists, use -k option to reduce the temporary file size.

GLPBLK100E An internal error occurred while attempting to generate the load script.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK101E An internal error occurred while attempting to stream out the status file.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK102I *time:bulkload is starting*

Explanation: No additional information is available for this message.

GLPBLK103I *time:bulkload initialization completed, elapse=elapsed time*

Explanation: No additional information is available for this message.

GLPBLK104I *time:bulkload is done loading data, elapse=elapsed time, entries=entries*

Explanation: No additional information is available for this message.

GLPBLK105I *time:bulkload is done loading data, elapse=elapsed time*

Explanation: No additional information is available for this message.

GLPBLK106I *time:bulkload is done getting parent DNs, elapse=elapsed time, entries=entries*

Explanation: No additional information is available for this message.

GLPBLK107I • GLPBLK116E

GLPBLK107I *time:bulkload is done parsing entries, elapse=elapsed time, entries=entries*

Explanation: No additional information is available for this message.

GLPBLK108E **An internal error occurred while loading the data.**

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK109E *script name failed! rc = rc. The status file file is created and temp directory directory will not be removed. See db2load.log in db2load directory for details.*

Explanation: An error occurred while loading the data.

Operator Response: If the db2load.log is not found, then the script failed due to database connection related failures.

GLPBLK110E **An internal error occurred while attempting to stream out the status file due to load failure.**

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK111E **An internal error occurred while loading the attribute data.**

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK112E *script name failed! rc = rc. The status file file is created and temp directory directory will not be removed. See db2load.log in db2load directory for details.*

Explanation: An error occurred while loading the attribute data.

Operator Response: If the db2load.log is not found, then the script failed due to database connection related failures.

GLPBLK113E **An internal error occurred while attempting to stream out the status file due to attribute load failure.**

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK114E **Bulkload failed to remove the ldapimport directory directoryfile. Bulkload will end.**

Explanation: The temporary ldapimport directory could not be deleted by bulkload. Directory data, up to this point, are loaded into the database successfully.

Operator Response: You may remove the directory manually.

GLPBLK115E **An internal error occurred while attempting to set file position during parsing.**

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK116E **Invalid line detected: line**

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK117E URL processing error at line: *line*

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK118E Codepage conversion failed at line: *line*

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK119E An internal error occurred while attempting to set file position during parsing entries.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK120E Invalid line detected while parsing entries: *line*

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK121E URL processing error while parsing entries at line: *line*

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK122E Codepage conversion failed while parsing entries at line: *line*

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK123E Invalid DN 'DN' detected at line *line number* while parsing entries.

Explanation: The DN at the line specified in the error message is invalid. Bulkload is unable to process that entry.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK124E attribute '*attribute name*' at line *line number* is not preceded by a DN.

Explanation: Entries in the ldif file must begin with a DN. Bulkload detected an attribute without a preceding DN on the specified line.

Operator Response: Correct the reported error and try again.

GLPBLK125E Codepage conversion failed while parsing entries at line: *line*

Explanation: Bulkload could not parse the line. Bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK126E language tag not supported for attribute '*attribute name*' in entry '*entry name*' at line *line number*

Explanation: Language tag is not allowed for the reported attribute.

Operator Response: Remove the language tag from the attribute and try again.

GLPBLK127E • GLPBLK136E

GLPBLK127E language tag not supported for attribute '*attribute name*' in entry '*entry name*' at line *line number*

Explanation: Language tag is not allowed for the reported attribute.

Operator Response: Remove the language tag from the attribute and try again.

GLPBLK128E An internal error occurred while attempting to open load file for *attribute name*.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK129E An internal error occurred while reading load file for *attribute name* at line *line number*.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK130E *attribute name* is not allowed at line *line*

Explanation: If *aclSource* value equals the entry *dn*, then it is an explicit *acl* and the *aclEntry* and *aclPropagate* values need to be specified.

Operator Response: Determine the cause of the parsing error. Then fix the input file and the entry if the entry was loaded into the directory.

GLPBLK131E *attribute name* is not allowed at line *line*

Explanation: If *ownerSource* value equals the entry *dn*, then it is an explicit *owner* and the *ownerPropagate* and *entryOwner* values need to be specified.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK132E Invalid line detected: *line*

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK133E Codepage conversion failed at line: *line*

Explanation: bulkload could not parse the line. bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK134E attribute '*attribute name*' at line *line number* is not preceded by a *dn*.

Explanation: Entries in the *ldif* file must begin with a *DN*. Bulkload detected an attribute without a preceding *DN* on the specified line.

Operator Response: Correct the reported error and try again.

GLPBLK135E Codepage conversion failed at line: *line*

Explanation: Bulkload could not parse the line. Bulkload detected invalid data on the specified line.

Operator Response: Determine the cause of the parsing error and then fix the input file and try again.

GLPBLK136E language tag not supported for attribute '*attribute name*' in entry '*entry name*' at line *line number*

Explanation: Language tag is not allowed for the reported attribute.

Operator Response: Remove the language tag from the attribute and try again.

GLPBLK137E language tag not supported for attribute '*attribute name*' in entry '*entry name*' at line *line number*

Explanation: Language tag is not allowed for the reported attribute.

Operator Response: Remove the language tag from the attribute and try again.

GLPBLK138E An internal error occurred while attempting to open load file for *attribute name*.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK139E An internal error occurred while reading load file for *attribute name* at line *line number*.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK140E An internal error occurred while attempting to close file handles.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK141I *number of errors* errors detected during parsing phase.

Explanation: No additional information is available for this message.

GLPBLK142E An internal error occurred while attempting to stream out the status file.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK143E *script name* failed! rc = *rc*. The status file *file* is created and temp directory *directory* will not be removed. See db2load.log in *db2load directory* for details.

Explanation: An error occurred while loading the data.

Operator Response: If the db2load.log is not found, then the script failed due to database connection related failures.

GLPBLK144E An internal error occurred while attempting to stream out the status file due to load failure.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK145E Bulkload failed to remove the ldapimport directory *directoryfile*. Bulkload will end.

Explanation: The temporary ldapimport directory could not be deleted by bulkload. Directory data, up to this point, are loaded into the database successfully.

Operator Response: You may remove the directory manually.

GLPBLK146E The status file indicates *attr* failed but *load message file* indicates it finished the phase *phase* successfully. Bulkload will end.

Explanation: Bulkload is attempting to recover from a previously failed load operation. But the load message file indicates that the load completed successfully.

Operator Response: Remove the bulkload status file and the ldapimport directory. Start the ibmslapd server and verify that the data is loaded correctly.

GLPBLK147E • GLPBLK155E

GLPBLK147E The file system is full or a load file exceeded maximum file size.

Explanation: Bulkload generates temporary files under the instance owner's tmp directory or the directory specified with -L option. Either the file system is full or, on Unix and Linux systems, the maximum file size limit has been reached. Bulkload is unable to continue.

Operator Response: If this is a Unix or Linux system and free disk space is still available, set the ulimit for files to unlimited. Otherwise, increase the free disk space on the specified file system and retry bulkload. If this problem still exists, use -k option to reduce the temporary file size.

GLPBLK148E An internal error occurred while attempting to generate the load script.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK149E An internal error occurred because bulkload failed to reset variables for the next *cardinal number* round of parse and load.

Explanation: Bulkload is unable to continue due to an internal error.

Operator Response: If the problem persists then contact IBM support.

GLPBLK150I No status file is found (*file*). This is a clean start.

Explanation: No additional information is available for this message.

GLPBLK151I Status file is found (*file*). This is a not fresh start.

Explanation: The existence of bulkload status file may indicate that a previous parse-only bulkload was run successfully or a previous bulkload execution had failed.

Operator Response: If this is not a LOADONLY or recovery run from load failure, remove status file and restart bulkload.

GLPBLK152E Parsing entry failed at line *line number*.

Explanation: The bulkload utility failed to parse the entry at the specified line in the input LDIF file.

Operator Response: Modify the entry above the specified line in the input LDIF file.

GLPBLK153E Operational attribute *attribute name* is specified more than once.

Explanation: An entry in the input ldif file can only have a single value for the specified attribute.

Operator Response: Modify the entry in the input LDIF file.

GLPBLK154E Entry contains invalid value for operational attribute *attribute name*

Explanation: The entry contains an invalid value for the specified attribute.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK155E option -t is specified and entry contains operational attributes in plain text form.

Explanation: Option -t is specified to take createtimestamp and modifytimestamp values from a file. But the entry contains operational attribute in plain text form. This violates the schema that operational attributes must be single-valued.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK156E option -t was specified and entry contains operational attributes in the ldap control.

Explanation: Option -t was specified to take createtimestamp and modifytimestamp values from a file. But the entry contains operational attribute in the ldap control. This violates the schema that operational attributes must be single-valued.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK157E Entry contains operational attributes in both ldap control and plain text format.

Explanation: The entry contains operational attribute in ldap control and plain text format. This violates the schema that operational attributes must be single-valued.

Operator Response: Correct the reported errors and try bulkload again.

GLPBLK158E Nested groups exist in database and nested group processing is disabled. Bulkload will stop.

Explanation: Nested group entry has been found in the directory database and nested group processing in bulkload is disabled. This can affect data integrity.

Operator Response: Enable nested group processing in bulkload and try again.

GLPBLK159E Nested groups exist in input file and nested group processing is disabled. Bulkload will stop.

Explanation: Nested group entry has been found in the input file and nested group processing in bulkload is disabled. This can affect data integrity.

Operator Response: Enable nested group processing in bulkload and try again.

GLPBLK160I -o output file for operational attributes

- p password policy on (yes or no)
- P password policy on (yes or no)
- R remove temporary directory (yes or no)
- s character string delimiter character used for importing
- S schema_check verify directory entries are valid (only, yes or no)
- t operational attribute input file
- v run in verbose mode
- x translate entry values to database code page, necessary

only when entries are stored in non UTF-8

databases (yes or no)

-W outfile specifies the full path of a file in which to

redirect output.

-X translate entry values to database code page, necessary

only when stored in non UTF-8 databases (yes or no)

-? bulkload syntax help message (this message)

Explanation: No additional information is available for this message.

GLPCAT001E Requested message number *message_number* beyond bounds of internal table.

Explanation: The correct message cannot be logged because the requested message ID number is incorrect.

Operator Response: Report the message ID number to IBM service.

GLPCAT002E Cannot open message catalog file *catalog_name*.

Explanation: The translated messages cannot be logged because the specified message catalog file cannot be located.

Operator Response: Check that the appropriate language package is correctly installed, and that the locale and all language-related environment variables are set correctly.

GLPCAT003E A character transformation error occurred while trying to output a message. The UTF-8 codepage conversion failed.

Explanation: An error occurred while converting input data to UTF8 or to a local codepage on the system. The program failed to convert arguments which were part of a message that was going to be output.

Operator Response: Check that the appropriate language package is correctly installed, and that the locale and all language-related environment variables are set correctly. Also, verify that the TISDIR environment variable has been set. If the problem persists, contact IBM support.

GLPCCH001I

Command to configure a change log for a directory server instance.

Usage: *program name* [-I instancename

```

        [-m maxentries] [-y maxdays] [-h maxhours]
        [-f configfile] [-d debuglevel] [-b outputfile] [-q]
        [-n]] | -v | -?
    
```

where:

- ? Displays this help screen.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- f<configfile> Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- h<maxhours> Specify in hours the maximum amount of time to keep entries in the Change Log. Can be combined with -y<maxdays> to specify the maximum age of a Change Log entry.
- I<instancename> Specifies the directory server instance

to update.

-m<maxentries> Specify the maximum number of entries to keep in the Change Log. A value of 0 means there is no limit on the number of entries.

Explanation: No additional information is available for this message.

GLPCCH002I

-n Run in no-prompt mode. All output is generated except for messages requiring user interaction.

-q Run in quiet mode. All output except errors are suppressed. If the **-d** option is also specified, trace output is not suppressed.

-v Prints the version information about the command.

-y<maxdays> Specify in days the maximum amount of time to keep entries in the Change Log. Can be combined with **-h<maxhours>** to specify the maximum age of a Change Log entry. A value of not specifying the **-h** option 0 means and that there is no age limit on entries in the Change Log.

Explanation: No additional information is available for this message.

GLPCCH003I Added change log to directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCCH004E Failed to add change log to directory server instance: *'instance name'*.

Explanation: The program failed to add the change log to the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCCH005I Configuring change log database *'database name'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCCH006I Configured change log database *'database name'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCCH007E Failed to configure change log database '*database name*' for directory server instance: '*instance name*'.

Explanation: An internal error occurred while trying to configure the change log database in the directory server instance configuration file.

Operator Response: See the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCCH008E A change log database is already configured in directory server instance '*instance name*'.

Explanation: The program tried to configure a change log database for a directory server instance but one was already configured.

Operator Response: Unconfigure the current change log database from the directory server instance, if a new change log database needs to be configured.

GLPCCH009E A database instance is not configured for directory server instance '*instance name*'.

Explanation: A change log database for a directory server instance can only be created if a database instance is already configured.

Operator Response: A database is configured using the idscfgdb command and a database instance is configured using the idsicrt command. Configure the database instance and database using these commands before attempting to create a change log database.

GLPCCH010E Unable to configure change log. No database is configured for directory server instance '*instance name*'.

Explanation: A change log database can only be configured if a database is already configured.

Operator Response: A database is configured using the idscfgdb command. Configure a database with this command before attempting to configure a change log.

GLPCCH011E A change log is already configured for directory server instance '*instance name*'.

Explanation: A change log database is already configured for the directory server instance specified.

Operator Response: Unconfigure the current change log database from the directory server instance, if a new change log database needs to be configured.

GLPCCH012I Change log will be configured.

Explanation: No additional information is available for this message.

GLPCCH013I Change log maximum entries will be set to '*number of entries*'.

Explanation: No additional information is available for this message.

GLPCCH014I Change log maximum age limit will be set to '*number of days*' days '*number of hours*' hours.

Explanation: No additional information is available for this message.

GLPCCH015E The argument for the -m option must be an integer greater than or equal to 0.

Explanation: The option specified requires that the argument specified must be an integer greater than or equal to zero.

Operator Response: Specify a positive integer for the argument.

GLPCCH016E The argument for the **-h** option must be an integer greater than or equal to 0 and less than or equal to 24.

Explanation: The option specified requires that the argument specified must be an integer greater than or equal to zero and less than or equal to 24.

Operator Response: Specify a positive integer for the argument.

GLPCCH017E The argument for the **-y** option must be an integer greater than or equal to 0.

Explanation: The option specified requires that the argument specified must be an integer greater than or equal to zero.

Operator Response: Specify a positive integer for the argument.

GLPCCH018E An internal error occurred while running the **idscfgchglg** command.

Explanation: An internal error occurred while running the **idscfgchglg** command. This might have occurred because the program ran out of memory.

Operator Response: Run the command again. If the problem persists, contact IBM support.

GLPCCH019W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPCCH020I Setting change log maximum entries to *'number of entries'*.

Explanation: No additional information is available for this message.

GLPCCH021I Set change log maximum entries to *'number of entries'*.

Explanation: No additional information is available for this message.

GLPCCH022E Failed to set change log maximum entries to *'number of entries'*.

Explanation: An internal error occurred while trying to set the Change log maximum entries in the configuration file of the directory server instance. No changes were made to the configuration file.

Operator Response: See the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCCH023I Setting change log maximum age limit to *'number of days' days 'number of hours' hours*.

Explanation: No additional information is available for this message.

GLPCCH024I Set change log maximum age limit to *'number of days' days 'number of hours' hours*.

Explanation: No additional information is available for this message.

GLPCCH025E Failed to set change log maximum age limit to *'number of days' days 'number of hours' hours*.

Explanation: An internal error occurred while trying to set the Change log maximum age in the configuration file of the directory server instance. No changes were made to the configuration file.

Operator Response: See the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCCH026I Adding change log to directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCDB001I

Command to configure a database for a directory server instance.

Usage: *program name* [-I instancename

[-w dbadminpw] [-a dbadminid -t dbname -l dblocation [-x]]

[-f configfile] [-d debuglevel] [-b outputfile] [-q]

[-n]] | -v | -?

where:

- ? Displays this help screen.
- a<dbadminid> DB2 administrator ID. The DB administrator must already exist on the system and have proper authority.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- f<configfile> Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename> Specifies the name of the directory server instance to update.

Explanation: No additional information is available for this message.

GLPCDB002I

- l<dblocation> DB2 database location. For UNIX systems, this should be a directory name (ie, /home/ldapdb2). For Windows systems, this must be a drive letter. There should be at least 80 Megabytes free. Additional

- disk space should be available to accommodate growth
as directory entries are added.
- n** Run in no-prompt mode. All output is generated except for
messages requiring user interaction. The **-w** option must
be used with this option.
- q** Run in quiet mode. All output except errors are suppressed.
If the **-d** option is also specified, trace output
is not suppressed.
- t<dbname>** DB2 database name.
- v** Prints the version information about the command.
- w<dbadminpw>** DB2 administrator password.
- x** Create the DB2 database in a local codepage.

Explanation: No additional information is available for this message.

GLPCDB003I Added database '*database name*' to directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPCDB004E Failed to add database '*database name*' to directory server instance: '*instance name*'.

Explanation: The program failed to add the database to the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCDB005I Configuring database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: No additional information is available for this message.

GLPCDB006I Configured database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: No additional information is available for this message.

GLPCDB007E Failed to configure database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: An internal error occurred while trying to configure the database in the directory server instance configuration file.

Operator Response: See the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCDB008E A database is already configured in directory server instance '*instance name*'.

Explanation: A database is already configured for the specified directory server instance.

Operator Response: Unconfigure the current database from the directory server instance, if a new database needs to be configured.

GLPCDB009E • GLPCDB017E

GLPCDB009E A database instance is not configured for directory server instance *'instance name'*.

Explanation: Tried to create a database for a directory server instance and a database instance is not configured.

Operator Response: Only create a database if a database instance is first configured.

GLPCDB010E Failed to configure local loopback for directory server instance: *'instance name'*.

Explanation: The program failed to configure local loopback for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCDB011E The specified database location *'location'* is not a drive.

Explanation: The location chosen to configure a database was not a drive. On the Windows operating system, the location must be a file system drive and not a directory.

Operator Response: Verify that the location specified exists, that it is writable and that it has the necessary free space, or choose another location that meets the criteria.

GLPCDB012E The **-a -t** and **-l** options are required. The **-w** is only required if the **-n** is also specified.

Explanation: The **-a -t** and **-l** options must be specified to configure a database. The **-w** is only required if the **-n** is also specified.

Operator Response: Specify the **-a -t** and **-l** to configure a database. Also, specify the **-w** if the **-n** option is being used. If a database is configured and you need to change the database administrators password, use the **-w** option only.

GLPCDB013E Unable to configure database. No database instance is configured for directory server instance *'instance name'*.

Explanation: A database can only be configured if a database instance is already configured.

Operator Response: A database instance is configured when a directory server instance is created. If you have removed the database instance or deleted the database instance from the configuration file, either reconfigure manually or recreate the directory server instance.

GLPCDB014E A database is already configured for directory server instance *'instance name'*.

Explanation: A database is already configured for the directory server instance specified.

Operator Response: Unconfigure the database if another database needs to be configured. Otherwise, no further action is necessary.

GLPCDB015I Enter password:

Explanation: No additional information is available for this message.

GLPCDB016E The **-w** option is required.

Explanation: The **-w** option is required to specify the password of the database administrator.

Operator Response: Specify the **-w** option or do not run the command with the **-n** option (in no-prompt mode) to avoid this error. Use the **-?** option to see the syntax for the command.

GLPCDB017E The database administrator user ID specified, *'database name'*, is not a valid name and violates the DB2 database name naming rules.

Explanation: The program failed because an invalid user name was specified.

Operator Response: Specify a user name according to the following rules: The user name must contain 1 to 8

characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can only include the following characters: A through Z, a through z, and 0 through 9. The name must begin with one of the following characters: A through Z or a through z.

GLPCDB018E The DB2 administrator ID or password you specified is not valid.

Explanation: The DB2 administrator ID specified does not exist or the password specified is not valid for the DB2 administrator ID.

Operator Response: Specify an existing user ID on the system and the valid password for the DB2 administrator ID. Verify that the user ID has a password that is valid and ready to use. For example, the password cannot be expired or waiting for a first-time validation of any kind. You might be able to verify that the password is correctly set by attempting to telnet into the machine using the user ID.

GLPCDB019E The DB2 instance owner ID that you specified does not exist.

Explanation: The DB2 instance owner ID specified does not exist on the system.

Operator Response: Specify an existing user ID on the system for the DB2 instance owner ID.

GLPCDB020E The specified directory, *'filename'*, is not a valid directory, does not exist, or is not writable.

Explanation: The directory specified to create the database in a location that is not valid, is not writable, or is not accessible.

Operator Response: Verify that the location where the database is going to be created is a valid location on the system and that you have access to write to that location. The directory must exist.

GLPCDB021E The specified directory, *'filename'*, does not have enough free space. Specify an existing location that is writable with at least 80 MB of free space.

Explanation: The directory specified to create the database in does not have enough free space. The location must have at least 80 MB of free space.

Operator Response: Verify that the location where the instance is going to be created is a valid location on the system and that you have access to write to that location. The directory must exist and must have 80 MB of free space.

GLPCDB022I The database administrator password will be reconfigured.

Explanation: No additional information is available for this message.

GLPCDB023I Database *'database name'* will be configured.

Explanation: No additional information is available for this message.

GLPCDB024I Database *'database name'* will be created at *'location'*

Explanation: No additional information is available for this message.

GLPCDB025E An internal error occurred while running the `idscfgdb` command.

Explanation: An internal error occurred while running the `idscfgdb` command. This might have occurred because the program ran out of memory.

Operator Response: Run the command again. If the problem persists, contact IBM support.

GLPCDB026W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPCDB027E The database name specified, *'database name'*, is not a valid name and violates the DB2 database name naming rules.

Explanation: The program failed because an invalid DB2 database name was specified.

Operator Response: Specify a DB2 database name according to the following rules: The directory server instance name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can only include the following characters: A through Z, a through z, and 0 through 9. The name must begin with one of the following characters: A through Z or a through z.

GLPCDB028I Reconfiguring database password.

Explanation: No additional information is available for this message.

GLPCDB029I Reconfigured database password.

Explanation: No additional information is available for this message.

GLPCDB030E Failed to reconfigure database password.

Explanation: An internal error occurred while trying to reconfigure the database password.

Operator Response: See the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCDB031E Unable to determine the primary group of the user *'user name'*. The primary group of the DB2 database instance owner must be valid before a database can be configured.

Explanation: The program is unable to validate the primary group of the DB2 database instance owner. This is most likely an internal error.

Operator Response: Validate that the user name exists on the machine and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM support.

GLPCDB032E Unable to determine the primary group of the user *'user name'*. The primary group of the DB2 database administrator must be valid before a database can be configured.

Explanation: The program is unable to validate the primary group of the DB2 database administrator. This is most likely an internal error.

Operator Response: Validate that the user name exists on the machine and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM support.

GLPCDB033E The database instance owner, *'user name'*, and the database administrator, *'user name'*, must have the same primary group.

Explanation: The database instance owner and database administrator must be members of the same primary group. If this is not true, the directory server instance is unable to use DB2 correctly.

Operator Response: Modify the database administrator so that it has the same primary group as the database instance owner configured for the directory server instance.

GLPCDB034E An internal error occurred while retrieving the database instance for the directory server instance.

Explanation: The program encountered an internal error trying to retrieve the database instance name from the directory server instance's configuration file.

Operator Response: See the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCDB035I Adding database '*database name*' to directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPCDB036E The database name specified, '*database name*', is reserved for the change log database of the directory server instance.

Explanation: The program failed because a DB2 database name was specified that is reserved for the change log of the directory server instance.

Operator Response: Specify a DB2 database name according to the following rules: The directory server instance name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can only include the following characters: A through Z, a through z, and 0 through 9. The name must begin with one of the following characters: A through Z or a through z.

GLPCDB037W The specified directory, '*directory*', does not have read, write, and execute permissions for the primary group '*group name*' of directory server instance owner '*username*'.

Explanation: The directory specified did not have read, write, and execute permissions for the primary group of the directory server instance owner. These permissions are required for the primary group of the directory server instance owner to be able to create a table space directory for the database that will be configured for the directory server instance.

Operator Response: Verify that the location where the database is going to be created is a valid location on the system and that the primary group of the directory server instance owner has write access to that location. The primary group of the directory server instance owner might not be able to start the directory server instance if the permissions on the database location are not set correctly.

GLPCDB038E Unable to determine the ownership and permissions on the directory '*filename*'.

Explanation: The command was unable to determine the ownership and permissions of the directory where the database was going to be created.

Operator Response: Verify that the location where the database is going to be created is a valid location on the system and that the primary group of the directory server instance owner has write access to that location. In addition, verify that owner and group owner of the directory are still a valid user and group on the operating system.

GLPCFG001E All fields are mandatory.

Explanation: One or more fields do not have any value. On the current panel all the fields are mandatory. The user needs to specify values for all the fields.

Operator Response: Verify that all fields have been filled with relevant values.

GLPCFG002E Invalid DN.

Explanation: A DN is specified which does not conform to the standards. The field on the panel expects a well-formed distinguished name. For example, 'cn=user, o=ibm, c=us'.

Operator Response: Verify that a valid DN with the correct syntax is specified.

GLPCFG003E Passwords do not match.

Explanation: The current panel has a field for password and another for confirm password. The password entered in both the fields must be exactly the same (case-sensitive) in order to set the final password. The values specified in the two fields are not matching.

Operator Response: Verify that both the values entered are exactly the same. This includes the case of each character.

GLPCFG004E Server must be stopped before running this operation.

Explanation: The operation being attempted requires the directory server to be stopped before it can be run.

Operator Response: Stop the directory server instance for which this tool is being run and then retry the operation.

GLPCFG005E Specified directory is not valid.

Explanation: The directory path specified by the user either does not exist on the system or is not accessible because of insufficient access right to the user running this tool or it is not a directory.

Operator Response: Verify that the path is an existing directory on the system and the user has sufficient access rights on it.

GLPCFG006E The specified location "*location*" is not valid. Specify a valid local drive with at least 30 MB of free space.

Explanation: The current task requires a minimum of 30 MB of free space on a valid drive on the OS, in order to successfully complete the operation. The drive must be local to the system and not a network drive. The drive specified by the user for this operation does not satisfy this criteria.

Operator Response: Verify that the drive has at least 30 MB of free space and is a local drive on the system.

GLPCFG007E The specified location "*location*" is not valid. Specify a valid location with at least 30 MB of free space.

Explanation: The current task requires a minimum of 30 MB of free space on a valid location on the OS, in order to successfully complete the operation. The location specified by the user for this operation does not satisfy the above criteria.

Operator Response: Verify that the location is valid and that it has at least 30 MB of free space.

GLPCFG008I Exception:*exception*.

Explanation: No additional information is available for this message.

GLPCFG009E "*operation*" failed.

Explanation: The current operation has failed.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG010E Specified file does not exist.

Explanation: The file path specified by the user either does not exist on the system or is not accessible because of insufficient access right to the user running this tool or it is not a file.

Operator Response: Verify that the path is an existing file on the system and that the user has sufficient access rights on it.

GLPCFG011E No file name specified.

Explanation: An attempt has been made to complete the operation without specifying any file name. The current panel has a field that requires a file path and name to complete the operation.

Operator Response: Verify that a valid file name and file path are specified in the required field.

GLPCFG012E Specified value is not a valid number.

Explanation: The field on the current panel is a numeric field and requires a valid numeric value. The value should not contain any characters other than 0-9 and '-' to specify a negative value.

Operator Response: Verify that a valid number is entered.

**GLPCFG013W Disabling changelog will destroy the data currently in the changelog database.
Do you still want to continue?**

Explanation: If the change log database is disabled, all information in the changelog database is destroyed.

Operator Response: Confirm whether changelog should be disabled or not.

GLPCFG014I Changelog is not configured currently.

Explanation: No additional information is available for this message.

GLPCFG015W File already exists. Do you want to overwrite it?

Explanation: A file already exists with the same name in the specified location. Continuing with the operation will overwrite it.

Operator Response: Confirm whether the file should be overwritten or not. Otherwise, specify a different filename.

GLPCFG016I Entry already exists.

Explanation: No additional information is available for this message.

GLPCFG017E Deletion of a reserved schema file is not allowed.

Explanation: The directory server has some reserved, pre-defined schema files (for example: V3.system.oc) that are required for the correct working of the server. These files cannot be deleted. The user is attempting to delete one of such reserved schema files.

Operator Response: The operator must not attempt to delete any of the system specified reserved schema files.

GLPCFG018E Deletion of a reserved suffix is not allowed.

Explanation: The directory server has some reserved, pre-defined suffixes (for example: cn=localhost) that are required for the correct working of the server. These suffixes cannot be deleted. The user is attempting to delete one of such reserved suffixes.

Operator Response: The operator must not attempt to delete any of the server defined reserved suffixes.

GLPCFG019W Are you sure you want to delete the selected suffix?

Explanation: Continuing with this operation will delete the suffix from the directory.

Operator Response: Confirm whether the suffix should be deleted or not.

GLPCFG020W Are you sure you want to delete the selected *Suffixcount* suffixes?

Explanation: Continuing with this operation will delete the selected suffixes from the directory.

Operator Response: Confirm whether the suffixes should be deleted or not.

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GLPCFG021W Are you sure you want to delete the selected entry?

Explanation: Continuing with this operation will delete the selected entry from the directory.

Operator Response: Confirm whether the entry should be deleted or not.

GLPCFG022W Are you sure you want to delete the selected *Entrycount* entries?

Explanation: Continuing with this operation will delete the selected entries from the directory.

Operator Response: Confirm whether the entries should be deleted or not.

GLPCFG023W No suffixes are currently available.

Explanation: No suffixes currently available in the directory server instance.

Operator Response: If the operator feels that suffixes are present in the directory server instance then check whether the directory server configuration file is present and not corrupted. Otherwise refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG024W No schema files currently available.

Explanation: No schema files currently available for the directory server instance.

Operator Response: Refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG025E Failed to add suffix *suffix*.

Explanation: The suffix could not be added to the directory server.

Operator Response: Refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG026E Failed to add file *filename* schema file.

Explanation: The schema file could not be added to the directory server.

Operator Response: Check if access permissions to the directory are available. Alternatively, refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG027E Failed to remove suffix *suffix*.

Explanation: The suffix could not be removed from the directory server.

Operator Response: Refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG028E Failed to remove schema file *filenames*.

Explanation: The schema file could not be removed from the directory server.

Operator Response: Refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG029E Specified database location has insufficient free space.
Specify a valid location with minimum 80 MB of free space.

Explanation: The database location requires a minimum of 80 MB of free space on a valid drive on the OS, in order to successfully complete the operation. The drive must be local to the system and not a network drive. The drive specified by the user for this operation does not satisfy this criteria.

Operator Response: Verify that the drive has at least 80 MB of free space and is a local drive on the system.

GLPCFG030E Either the specified user ID or the password is invalid.

Explanation: The specified user id is not a valid OS user, or the password for the specified user is incorrectly entered.

Operator Response: Check if the specified user is an OS user. If user is valid, then ensure the password is correctly entered (case sensitive).

GLPCFG031E The specified database is not valid. Enter a valid database.

Explanation: The operator has specified a database name that could not be found on the system. To configure an existing database, a valid database name must be specified by the user. The database should exist on the system.

Operator Response: Verify that the database name provided exists on the system.

GLPCFG032E Failed to drop the current database instance.

Explanation: The database instance could not be removed from the system. Probably the database instance is locked, or is in use by another process, or the operator does not have sufficient privileges to delete the database instance.

Operator Response: Refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG033I Instance dropped successfully.

Explanation: No additional information is available for this message.

GLPCFG034E There is currently no database instance available.

Explanation: There is no database instance configured / available for the directory server instance. A database instance is necessary for the current task to continue.

Operator Response: Check if the database instance is correctly installed and configured, or create and configure a new database instance before proceeding with the current task.

GLPCFG035E There is currently no database available.

Explanation: There is no database configured / available for the directory server instance. A database is necessary for the current task to continue.

Operator Response: Check if the database is correctly installed and configured, or create and configure a new database before proceeding with the current task.

GLPCFG036I The new database will be UTF-8 (locale independent).

Explanation: No additional information is available for this message.

GLPCFG037I The new database will be locale-dependent.

Explanation: No additional information is available for this message.

GLPCFG038E No database is currently configured.

Explanation: There is no database configured / available for the directory server instance. A database is necessary for the current task to continue.

Operator Response: Check if the database is correctly installed and configured, or create and configure a new database before proceeding with the current task.

GLPCFG039I The current instance will also be destroyed.

Explanation: No additional information is available for this message.

GLPCFG040I Database unconfigured successfully.

Explanation: No additional information is available for this message.

GLPCFG041E Failed to unconfigure database.

Explanation: An error occurred during unconfiguration of database.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCFG042E Failed to start the task.

Explanation: The current task could not be started. This is normally caused by some internal error encountered by the tool.

Operator Response: Verify that there are no other dependent operations running, which might be blocking this task from running. Also ensure that the directory and the database are correctly configured.

GLPCFG043E Failed to initialize the task.

Explanation: The current task could not be started. This is normally caused by some internal error encountered by the tool.

Operator Response: Verify that there are no other dependent operations running, which might be blocking this task from running. Also ensure that the directory and the database are correctly configured.

GLPCFG044E Task is already running.

Explanation: The current task is already in progress. Another similar task cannot be run simultaneously.

Operator Response: Wait for the current task to be completed, and then try again.

GLPCFG045E IBM Tivoli Directory Server not installed.

Explanation: The IBM Tivoli Directory Server does not seem to be installed on the system. Cannot continue with current task.

Operator Response: Check if IBM Tivoli Directory Server is correctly installed on the system. Also check if the environment is correctly set up. Then launch IBM Tivoli Instance Configuration tool again. If the problem persists, refer the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG046I The current task cannot be stopped.

Explanation: No additional information is available for this message.

GLPCFG047I There is currently no instance available.

Explanation: No additional information is available for this message.

GLPCFG048E Target directory could not be created.

Explanation: The program failed to create the target directory. This problem could occur due to various reasons.

Operator Response: Ensure that sufficient access rights are granted to create the target directory and that sufficient free space is available for the program.

GLPCFG049E Database location not specified in the configuration file.

Explanation: The program could not obtain location information about the database from the directory server's configuration file.

Operator Response: Ensure that the directory server's configuration file is not corrupt, or replace the configuration file with a backed up copy (after taking a backup of the current configuration file). Alternatively, contact IBM Support.

GLPCFG050E DB2 could not be found on the system.

Explanation: No additional information is available for this message.

GLPCFG051I Optimizing the database.

Explanation: No additional information is available for this message.

GLPCFG052I Database optimization complete.

Explanation: No additional information is available for this message.

GLPCFG053E Value specified must be in the range of 0 - 2147483647.

Explanation: The number of entries in the Change Log Database can be from a min of 0 to a max of 214748364.

Operator Response: Ensure that a valid number in the above specified range is entered.

GLPCFG054E A dependent task is already running or is in an incomplete state.

Explanation: The current task cannot be started because a similar or dependent task is already in progress. Running dependent tasks in parallel can have unpredictable results.

Operator Response: Ensure that the dependent task has terminated successfully before starting the new task. Alternatively, take a backup of the INSTANCE_HOME/tmp directory contents, and delete the directory contents. Then try the task again. If the problem persists, refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG055I No database user ID found.

Explanation: No additional information is available for this message.

GLPCFG0560I No database user password found.

Explanation: No additional information is available for this message.

GLPCFG057I Creating new database *dbname*.

Explanation: No additional information is available for this message.

GLPCFG058I Configuring existing database *dbname*.

Explanation: No additional information is available for this message.

GLPCFG059I Database *dbname* is currently configured.

Explanation: No additional information is available for this message.

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GLPCFG060I The current database will be unconfigured but left intact.

Explanation: No additional information is available for this message.

GLPCFG061I The current database will be unconfigured and destroyed.

Explanation: No additional information is available for this message.

GLPCFG062I Database *dbname* will be created in instance *instname*.

Explanation: No additional information is available for this message.

GLPCFG063I User *username* will own the instance and the database.

Explanation: No additional information is available for this message.

GLPCFG064I The new database *dbname* will be created at the location *loction*.

Explanation: No additional information is available for this message.

GLPCFG065I Existing database *dbname* in instance *instname* will be configured.

Explanation: No additional information is available for this message.

GLPCFG066E The specified file system "*location*" is not a valid location.

Explanation: The location path specified by the user either does not exist on the system or is not accessible because of insufficient access right to the user running this tool or it is not a directory.

Operator Response: Verify that the path is an existing location on the system and that the user has sufficient access rights on it.

GLPCFG067E Invalid value for 'Days'. Value expected in the range (0 - 65535).

Explanation: The value specified for Days is not valid or is not with in the range of 0-65535.

Operator Response: Verify that a value with in the range of 0-65535 is specified.

GLPCFG068E Invalid value for 'Hours'. Value expected in the range (0 - 24).

Explanation: The value specified for hours is not valid or is not with in the range of 0-24.

Operator Response: Verify that a value with in the range of 0-24 is specified.

GLPCFG069E RDBM not installed.

Explanation: The program could not find RDBM (specifically DB2) installed on the system.

Operator Response: Ensure that a valid RDBM (specifically DB2) is installed on the system.

GLPCFG070E The specified location does not contain valid backup files of IBM Tivoli Directory Server.
Specify a valid location.

Explanation: The specified location does not contain files that contain information about the data to be migrated, or the backed up files have been corrupted.

Operator Response: Verify that the path is valid and that the files required for migration are present at that location. Ensure that the program has sufficient access rights to the location.

GLPCFG071I An already existing database has been entered. Press OK to continue.

Explanation: No additional information is available for this message.

GLPCFG072E One or more ports specified are the same. Specify unique ports.

Explanation: The operator has specified two or more ports to a duplicate value. The non-secure slapd, secure slapd, non-secure admin daemon and secure admin daemon ports must all be unique for a particular directory server instance.

Operator Response: Verify that all four ports have a different value.

GLPCFG073E The IP address *ip* and port *port* combination is already in use by another directory server instance. Specify a unique IP and port combination.

Explanation: The specified IP address and port combination is already being used by an existing directory server instance on the same system. On a system with multiple directory server instance, the port and ip addresses combinations used by an instance must be unique across all the instances.

Operator Response: Try using other values of port and existing IP address(es) on the system to find a unique available combination.

GLPCFG074E The username and password do not match credentials of any existing user on the system.

Explanation: The username and corresponding password supplied must be that of a valid user on the system.

Operator Response: Verify that correct username and password is entered, or create an appropriate user on the system before carrying out this task. Note that passwords are case sensitive.

GLPCFG075E The database names 'ldapclog' and 'ldapclgb' are reserved and cannot be used for normal database configuration.

Explanation: The database names 'ldapclog' and 'ldapclgb' are reserved names for change log database required by the IBM Tivoli Directory Server. These databases cannot be used for storing directory data.

Operator Response: Specify a valid database name.

GLPCFG076E Select either the checkbox or at least one IP from list.

Explanation: It is mandatory to have the IP settings configured for a directory server instance. Either select some specific IP address , or specify that the instance listens to any of the IP addresses configured on the system.

Operator Response: Select either the checkbox or at least one IP from the list of available IP addresses.

GLPCFG077E The user name *username* is not a valid system user.

Explanation: The username supplied must be that of a valid user on the system. The user name has to be between 1 to 8 characters. It cannot be any of the following: 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', 'LOCAL'. It cannot begin with 'IBM', 'SQL', 'SYS'. It cannot include accented characters.

Operator Response: Verify that a valid username is entered.

GLPCFG078E DB2 instance *InstanceName* is already associated with another directory server instance.

Explanation: The DB2 instance name specified is already in use by another directory server instance. The DB2 instance must be unique for each directory server instance.

During migration, the DB2 instance name is read from the backup configuration file. That particular DB2 instance has to be present on the system and should not be associated with any other directory server instance, otherwise the migration will fail.

Operator Response: Verify that an available DB2 instance name is specified, and not one that is already associated with another directory server instance.

In case of migration, ensure that the DB2 instance read from the backup configuration file actually exists on the

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system and is not associated with any other directory server instance.

GLPCFG079E The user name cannot contain more than *count* characters.

Explanation: The username supplied must be that of a valid user on the system. The user name has to be between 1 to 8 characters. It cannot be any of the following: 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', 'LOCAL'. It cannot begin with 'IBM', 'SQL', 'SYS'. It cannot include accented characters.

Operator Response: Verify that the name does not exceed the character limit.

GLPCFG080E The user name is not a valid name and violates the directory server instance naming rules.
Only a-z, A-Z or 0-9 characters are allowed.
It cannot include accented characters and certain reserved keywords.

Explanation: The user name specified can contain only character a-z, A-Z and 0-9. It cannot be any of the following: 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', 'LOCAL'. It cannot begin with 'IBM', 'SQL', 'SYS'. It cannot include accented characters. Also, on UNIX or Linux, the user name cannot be 'root'.

Operator Response: Verify that the name contains characters in the specified range only.

GLPCFG081E The directory server instance *DirInstanceName* already exists.
Specify a unique instance name.

Explanation: The directory server instance is created with the same name as the specified user name. A directory server instance with the specified user name already exists on the system.

During migration, the username is shown pre-filled with the DB2 instance name detected from the backup configuration file. If a directory server instance already exists the system with the same name, then you cannot continue with migration until a different username is specified.

Operator Response: Verify that a unique and valid system user name is specified. Also, check that there should not already exist a directory server instance with the same name.

GLPCFG082E The encryption seed must only contain printable ISO-8859-1 ASCII characters with values in the range of 33 to 126 inclusive.
It must be a minimum of 12 and a maximum of 1016 characters in length.

Explanation: The encryption seed string entered must contain at least 12 characters and in the range of a-z, A-Z and 0-9.

Operator Response: Verify that the seed string satisfies this criteria.

GLPCFG083E Only a-z, A-Z or 0-9 allowed.

Explanation: Only characters from the range a-z, A-Z or 0-9 are allowed.

Operator Response: Verify that the above criteria is satisfied.

GLPCFG084E The user name cannot start with a number.

Explanation: The user name / id field must start with a character from range a-z or A-Z. The first character cannot be a number.

Operator Response: Verify that the user name is valid.

GLPCFG085E The seed string cannot start with a number.

Explanation: The seed string must start with a character from range a-z or A-Z. The first character cannot be a number.

Operator Response: Verify that the seed string is valid.

GLPCFG086E An internal error has occurred.

Explanation: An internal error occurred.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG087E The operation did not complete successfully.

Explanation: The current operation could not complete successfully.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG088E DB2 database is required to successfully migrate the specified directory server.

Explanation: Migration of directory server requires that DB2 be installed on the system. This is because the backed up files contain database configuration information.

Operator Response: Verify that DB2 is installed and correctly setup before continuing with migration.

GLPCFG089W You have chosen to delete directory server instance *instname* .

This will result in deletion of the instance configuration file, schema files, log files, directories, and other directory server instance system files.

The associated database (if any) will not be deleted.

Do you want to continue ?

Explanation: Deletion of the directory server instance results in deletion of the instance specific configuration files, log files, instance specific directories, schema files, and all other files which store the current instances configuration settings, etc. The associated database (if any) will not be deleted or tampered with in any way.

Operator Response: Confirm whether the directory server instance should be deleted or not.

GLPCFG090W You have chosen to delete directory server instance *instname* and to destroy the associated database instance *dbinst*.

This will result in deletion of the instance configuration file, schema files, log files, directories, and related database information.

Do you want to continue ?

Explanation: Deletion of the directory server instance results in deletion of the instance specific configuration files, log files, instance specific directories, schema files, and all other files which store the current instances configuration settings, etc. The associated database instance (and databases contained within that instance) will also be destroyed, along with any data present in the databases.

Operator Response: Confirm whether the directory server instance and associated database instance should be destroyed or not.

GLPCFG091E The directory server instance is currently running.
You must stop the directory server before deleting it.

Explanation: A directory server instance cannot be deleted if it is currently running.

Operator Response: Stop the directory server instance and retry the delete operation.

GLPCFG092I Task completed.

Explanation: No additional information is available for this message.

GLPCFG093E This directory server instance has no associated DB2 instance installed.
Cannot proceed with database configuration.

Explanation: The directory server instance does not have any DB2 instance installed.

Operator Response: Create a DB2 instance for the specified directory server instance and then proceed with the database configuration.

GLPCFG094W Database will be unconfigured. Do you want to continue ?

Explanation: Continuing with the current task will result in the directory server instance losing its database configuration information.

Operator Response: Confirm whether database information should be unconfigured or not.

GLPCFG095W Database will be unconfigured and destroyed. Do you want to continue ?

Explanation: Continuing with the current task will result in the directory server instance losing its database configuration information. It will also destroy the associated database and directory data within that database.

Operator Response: Confirm whether database information should be unconfigured (and destroyed) or not.

GLPCFG096I The administrator DN has been set.

Explanation: No additional information is available for this message.

GLPCFG097E Failed to set administrator DN.

Explanation: The program failed to set the administrator DN.

Operator Response: Verify that the instance is installed properly and the operator has sufficient access rights to perform the operation. Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG098I The administrator password has been set.

Explanation: No additional information is available for this message.

GLPCFG099E Failed to set administrator password.

Explanation: The program failed to set the administrator password.

Operator Response: Verify that the instance is installed properly and the operator has sufficient access rights to perform the operation. Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG100E The default directory server instance could not be determined. Use -I option to specify instance, or set the IDS_LDAP_INSTANCE environment variable before launching idscfg.

Explanation: The program failed to determine the instance associated with current idscfg session. This failure can occur if no instance is installed or if more than one instances is installed.

Operator Response: Ensure that a directory server instance exists, otherwise create one using the idsicrt command or the IBM Tivoli Instance Administration Tool. The operator may use the -I option with the idscfg command or set the IDS_LDAP_INSTANCE environment variable to the instance that needs to be configured using idscfg.

GLPCFG101E The directory server instance '*instance_name*' does not exist.

Explanation: The program could not locate the installation home of the specified instance.

Operator Response: Ensure that the instance name specified is existing and valid. If the problem persists refer the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program or contact IBM support.

GLPCFG102E The directory server instance owner, '*user name*', must be a member of the primary group, '*group name*', of the database instance owner, '*user name*'.

Explanation: The directory server instance owner must be a member of the primary group of the database instance owner. They need not be in the same primary group, but the directory server instance owner must be in that primary group.

Operator Response: Add the directory server instance owner user name to the primary group of the directory server instance owner.

GLPCFG103E The directory server instance owner, '*user name*', must be a member of the group '*idsldap*'.

Explanation: The directory server instance owner must be a member of the idsldap group.

Operator Response: Add the directory server instance owner user name to the idsldap group.

GLPCFG104E The password specified violates administrator password policy.
A minimum of *number of characters* characters is required.

Explanation: Specified a password that violates the administrator password policy because the length of the password was too short.

Operator Response: Specify a password that is greater than or equal to the length specified in the error message.

GLPCFG105E The password specified violates administrator password policy.
A minimum of *number of characters* alpha characters is required.

Explanation: Specified a password that violates the administrator password policy because the password does not contain enough alpha characters.

Operator Response: Specify a password that has sufficient alpha characters to comply with the administrator password policy.

GLPCFG106E The password specified violates administrator password policy.
A minimum of *number of characters* non-alpha characters is required.

Explanation: Specified a password that violates the administrator password policy because the password does not contain enough non-alpha characters.

Operator Response: Specify a password that has sufficient non-alpha characters to comply with the administrator password policy.

GLPCFG107E The password specified violates administrator password policy.
A maximum of *number of characters* repeated characters is allowed.

Explanation: Specified a password that violates the administrator password policy because the password has too many repeated characters.

Operator Response: Specify a password that does not have too many repeated characters to comply with the administrator password policy. The maximum number of repeating characters was presented in the error message.

GLPCFG108E The password specified violates administrator password policy.
A minimum of *number of characters* characters must be different from the previous password.

Explanation: Specified a password that violates the administrator password policy because does not have enough characters that differ from the previous password.

Operator Response: Specify a password that does not have too many matching characters from the previous password to comply with the administrator password policy. The minimum number of characters that need to differ was presented in the error message.

GLPCFG109E Specified a backup directory, '*directory*', that does not exist or is not accessible.

Explanation: An invalid backup directory was specified for migrating an older directory server instance.

Operator Response: Specify a directory which exists and contains configuration and schema files that can be migrated.

GLPCFG110E An unsupported version was given for migration.

Explanation: Unable to migrate from the IBM Directory Server version given.

Operator Response: Ensure that the correct version of the files are in the given back up directory. Otherwise, this is not a supported migration path.

GLPCFG111E Unable to locate file '*filename*'.

Explanation: A file necessary for migration cannot be located in the backup directory.

Operator Response: Ensure all files are backed up and try migration again. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for the list of files needed for migration.

GLPCFG112E Unable to determine location of configuration file.

Explanation: Cannot read necessary configuration file. Migration cannot continue.

Operator Response: Ensure the configuration file exists in the migration backup and is readable.

GLPCFG113E Unable to read in configuration file, '*filename*'.

Explanation: Cannot read necessary configuration file. Migration cannot continue.

Operator Response: Ensure the given file exists and is readable.

GLPCFG114E Files in backup directory, '*directory*', are determined to be of version, '*version*'.
Migration will continue based on this migration path.

Explanation: No additional information is available for this message.

GLPCFG115E The log file name and path information from the backed up configuration file will not be preserved by migration.
Log file names and paths will be updated to be specific for a directory server instance.

Explanation: Due to multiple directory server instances supported on a system, the log files have been relocated to the log directory for a particular directory server instance. In some cases, the log file names have also been changed.

Operator Response: The path and name changes must be noted and reflected in any applications that might depend on them.

GLPCFG116E Unable to run the command on directory server instance because the state of the server cannot be determined.

Explanation: An attempt was made to run the command on the directory instance and its state could not be determined.

Operator Response: This error most likely occurred because you do not have sufficient access to check the status of the server. Verify the servers slapd.pid file has sufficient access for you to read it. Also check if the server is configured properly.

GLPCFG117E A mandatory field has not been entered.

Explanation: One or more fields mandatory fields do not have any value.

Operator Response: Verify that all mandatory fields have been filled with relevant values.

GLPCFG118W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPCFG119E Select a directory server instance.

Explanation: The current operation cannot continue without having selected a directory instance.

Operator Response: Choose an existing directory server instance before continuing with the current operation.

GLPCFG120E The encryption seed and salt values are required to be entered.
Otherwise, uncheck the Export data for AES-enabled destination server checkbox.

Explanation: If the exported data has to be imported to an AES enabled directory server, then the encryption seed and salt values of the destination server are mandatory to be specified. If the Encryption seed and salt values of the destination server are SAME as the source server then un-check the Export data for AES-enabled destination server checkbox.

Operator Response: Enter the seed and salt values, or uncheck the above specified checkbox.

GLPCFG121E The encryption salt must only contain printable ISO-8859-1 ASCII characters with values in the range of 33 to 126, and must be exactly 12 characters in length.

Explanation: The encryption salt must specify the above criteria.

Operator Response: Enter a valid salt value which satisfies the above mentioned criteria.

GLPCFG122E The Admin DN and password must be configured for continuing with this operation.

Explanation: The Admin DN and password is mandatory to be set for the selected operation.

Operator Response: Set the admin DN and password and then try the current operation again.

GLPCFG123W You have not changed the original settings.
Do you wish to continue ?.

Explanation: The operator had chosen to edit certain settings, but did not change any of them.

Operator Response: Change some settings and continue, or cancel the operation.

GLPCFG124E The database instance '*db2InstanceName*' is not present on the system. Migration cannot continue.

Explanation: The backup configuration file contains a reference to a database instance which does not exist on the system. For migration to continue, this database instance should be created on the system, or the instance information should be removed from the backup configuration file.

Operator Response: Create the required DB2 instance on the system, or if the database instance exists, then check that it is correctly set up. Alternatively, remove the database instance information from the backup configuration file. It is recommended that only advanced users should manually edit the backup configuration file.

GLPCFG125E The database '*databaseName*' is not present on the system. Migration cannot continue.

Explanation: The backup configuration file contains a reference to a database which does not exist on the system. For migration to continue, this database should be created on the system, or the database information should be removed from the backup configuration file.

Operator Response: Create the required database on the system, or if the database exists, then check that it is correctly set up and is present in the appropriate database instance. Alternatively, remove the database information from the backup configuration file. It is recommended that only advanced users should manually edit the backup configuration file.

GLPCFG126E The directory server instance owner, '*username*', must be a member of the group 'Administrators'.

Explanation: The directory server instance owner must be a member of the Windows Administrators group.

Operator Response: Add the directory server instance owner user name to the Windows Administrators group or choose another user name that is already in the Administrators group.

GLPCFG127E 'root' must be a member of the primary group, '*groupName*', of the database instance owner, '*username*'.

Explanation: Root should be a member of the database instance owner's primary group.

Operator Response: Add root to the database instance owner's primary group.

GLPCOM001E Creation of socket failed; *errno* error value (error string).

Explanation: The server received the specified error attempting to create a socket.

Operator Response: Ensure that TCP/IP is operating correctly.

GLPCOM002E The listen() failed; *errno* error value (error string).

Explanation: The server received the specified error attempting to listen on the socket.

Operator Response: Ensure that TCP/IP is operating correctly.

GLPCOM003I Non-SSL port initialized to *port number*.

Explanation: No additional information is available for this message.

GLPCOM004I SSL port initialized to *port value*.

Explanation: No additional information is available for this message.

GLPCOM005E SocketInit failed for port *port number*.

Explanation: The server is unable to initialize the specified port for communications using IPV6 on the Windows operating system.

Operator Response: Ensure that TCP/IP is operating correctly. Check for other error messages. Ensure that no other applications are running on the specified port.

GLPCOM006E SocketInit failed for port *port number*.

Explanation: The server is unable to initialize the specified port for communications.

Operator Response: Ensure that TCP/IP is operating correctly. Check for other error messages. Ensure that no other applications are running on the specified port.

GLPCOM007E No objectclass was specified for entry *entry DN*.

Explanation: All entries must have an objectclass attribute.

Operator Response: Verify the LDIF syntax and retry the request.

GLPCOM008E The required attribute *attribute name* is missing for entry *entry DN*.

Explanation: An attribute required by the entry's objectclass was not provided.

Operator Response: Verify the LDIF syntax and retry the request.

GLPCOM009E The attribute *attribute name* is not allowed for entry *entry DN*.

Explanation: A specified attribute is not allowed by the entry's objectclass.

Operator Response: Verify the LDIF syntax and retry the request.

GLPCOM010I Replication plugin is successfully loaded from *location*.

Explanation: No additional information is available for this message.

GLPCOM011I Plugin of type *plugin type* is successfully loaded from *location*.

Explanation: No additional information is available for this message.

GLPCOM012E Failed to load plugin from *plugin location*.

Explanation: The server failed to load the plugin.

Operator Response: Make sure that the plugin path name and the initial function name are specified correctly.

GLPCOM013E Attribute *attribute name* not found in schema.

Explanation: All attributes used in a request must be defined in the server's schema files.

Operator Response: Verify the LDIF syntax and retry the request.

GLPCOM014E Failed to log on user: *user name*.

Explanation: The application was unable to log into the Windows operating system as the specified user.

Operator Response: Verify the Windows user settings and make sure the that account exists and is not expired, that the password is not invalid, and that the user is able to log on.

GLPCOM015E Failed to impersonate user.

Explanation: The application was unable to become the Windows user.

Operator Response: Verify the Windows user settings and ensure that the account exists and is not expired, that the password is not invalid, and that the user is able to log on.

GLPCOM016E *Windows OS Error*

Explanation: The Windows operating system gave an error when running a command.

Operator Response: Refer to the Windows documentation for this problem.

GLPCOM017W Log file cleared.

Explanation: One of the directory server log files was cleared by the user.

Operator Response: If the action was unexpected, check the audit log (if enabled) to determine which client issued the operation.

GLPCOM018E • GLPCOM028E

GLPCOM018E Call to `setsockopt()` to set `reuse` failed; `errno` error value (error string).

Explanation: The server received the specified error attempting to set the socket option: `reuse`.

Operator Response: Ensure that TCP/IP is operating correctly.

GLPCOM019E The `listen()` failed; `errno` error value (error string).

Explanation: The server received the specified error attempting to listen on the socket using IPV6 on the Windows operating system.

Operator Response: Ensure that TCP/IP is operating correctly.

GLPCOM020E `SocketInit` failed for port `port number`.

Explanation: The server is unable to initialize the specified port for communications using IPV6.

Operator Response: Ensure that TCP/IP is operating correctly. Check for other error messages. Insure that no other applications are running on the specified port.

GLPCOM021I The preoperation plugin is successfully loaded from `location`.

Explanation: No additional information is available for this message.

GLPCOM022I The database plugin is successfully loaded from `location`.

Explanation: No additional information is available for this message.

GLPCOM023I The postoperation plugin is successfully loaded from `location`.

Explanation: No additional information is available for this message.

GLPCOM024I The extended Operation plugin is successfully loaded from `location`.

Explanation: No additional information is available for this message.

GLPCOM025I The audit plugin is successfully loaded from `location`.

Explanation: No additional information is available for this message.

GLPCOM026E Objectclass `objectclass name` not found in schema.

Explanation: All objectclasses used in a request must be defined in the server's schema files.

Operator Response: Verify the LDIF syntax and retry the request.

GLPCOM027E Attempt to bind failed with `errno` error value (error string).

Explanation: The server received the specified error attempting to bind to the socket.

Operator Response: Ensure that TCP/IP is operating correctly.

GLPCOM028E Codepage `codepage value` cannot be opened by LDAP server: `errno` message.

Explanation: The specified code page cannot be opened.

Operator Response: Ensure that the correct code page is specified and installed.

GLPCOM029E LDAP Configuration file cannot be fully translated to UTF-8 codepage: *errno message*.

Explanation: The server failed to translate the configuration file to UTF-8.

Operator Response: Ensure that the correct code page is specified and installed and that the characters in the configuration file are valid.

GLPCOM030I The attribute table name *table name* specified in DBNAME is longer than 128 characters, so the first 128 characters of the specified table name *truncated table name* will be used as this attribute's table name.

Explanation: No additional information is available for this message.

GLPCOM031I The attribute column name *column name* is longer than 16 characters, so the first 16 characters of the specified column name *truncated column name* will be used.

Explanation: No additional information is available for this message.

GLPCOM032W Warning: The attribute table name *table name* is longer than 128 characters, so the table will be created with the name *hashed table name*.

Explanation: The maximum table name length supported by DB2 is 128 bytes. When a table name is not specified in DBNAME and attribute name is longer than 128 bytes, a unique 128-byte table name is generated using the first 121 bytes of the attribute name followed by 7-byte hashed value of the attribute name.

Operator Response: No further action needs to be taken.

GLPCRY001E The -t option is required to specify the encryption salt value.

Explanation: The -t option is required to specify the encryption salt for the directory key stash file.

Operator Response: Specify the -t option. Use the -? option to see the syntax for the command.

GLPCRY002E The -k option is required to specify the encryption seed value.

Explanation: The -k option is required to specify the encryption seed for the directory key stash file.

Operator Response: Specify the -k option. Use the -? option to see the syntax for the command.

GLPCRY003E The encryption seed must only contain printable ISO-8859-1 ASCII characters with values in the range of 33 to 126, and must be a minimum of 12 and a maximum of 1016 characters in length.

Explanation: The program failed because an invalid encryption seed value was specified.

Operator Response: Specify an encryption seed value that complies with the supported format.

GLPCRY004E The encryption salt must only contain printable ISO-8859-1 ASCII characters with values in the range of 33 to 126, and must be exactly 12 characters in length.

Explanation: The program failed because an invalid encryption salt value was specified.

Operator Response: Specify an encryption salt value that complies with the supported format.

GLPCRY005E The *file name* key stash file cannot be created or was not writable.

Explanation: The program was unable to write to the key stash file.

Operator Response: Verify that the directory and file have the appropriate write permissions.

GLPCRY006E The *file name* key stash file cannot be read.

Explanation: The program was unable to read the key stash file.

Operator Response: Verify that the directory and file have the appropriate read permissions.

GLPCRY007E The *file name* key stash file is inconsistent with the associated encrypted data.

Explanation: The key stash file does not match the associated encrypted data. The program cannot be started if this inconsistency is encountered.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCRY008E Attempting to write two-way encrypted data without the required key stash file consistency checking.

Explanation: The program is unable to determine whether the data being written was two-way encrypted using a matching key stash file. The data cannot be written because it may introduce cryptographic inconsistency.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCSC001I Command to configure a schema file for a directory server instance.

Usage: *program name* [-I instancename -s schemafile

[-f configfile] [-d debuglevel] [-b outputfile] [-q]

[-n]] | -v | -?

where:

- ? Displays this help screen.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- f<configfile> Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename> Specifies the name of the directory server instance to update.
- n Run in no-prompt mode. All output is generated except for

- messages requiring user interaction.
- q** Run in quiet mode. All output except errors are suppressed.
If the **-d** option is also specified, trace output is not suppressed.
- s<schemafilename>** Specifies a schema file to add to the directory server instance.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPCSC002E An internal error occurred while running the `idscfgsch` command.

Explanation: An internal error occurred while running `idscfgsch` command. This might have occurred because the program ran out of memory.

Operator Response: Run the command again. If the problem persists, contact IBM support.

GLPCSC003W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPCSC004I Adding schema file: '*schemafilename*'.

Explanation: No additional information is available for this message.

GLPCSC005I Added schema file: '*schemafilename*'.

Explanation: No additional information is available for this message.

GLPCSC006E Failed to add schema file: '*schemafilename*'.

Explanation: An error occurred while trying to add the schema file to the configuration file of the directory server instance.

Operator Response: Look for previous error messages that might have been generated for details on how to respond. If no other error messages are present, contact IBM support.

GLPCSC007I Schema file '*schemafilename*' will be added to the configuration file of the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPCSC008E The specified schema file '*schemafilename*' does not exist on the system or is not accessible.

Explanation: A schema file can only be added to a configuration file of the directory server instance if it exists on the system and is accessible.

Operator Response: Specify a schema file that exists on the system and ensure that the file is readable.

GLPCSC009E The schema file '*schemafile*' already exists in the configuration file of the directory server instance.

Explanation: Tried to add a schema file that is already configured.

Operator Response: If needed, specify a schema file that has not been configured using the `idscfgsch` command.

GLPCSC010E The `-s` option is required and is used to specify the name of the schema file to add.

Explanation: The `-s` option was not specified and it is required.

Operator Response: Specify the `-s` option. Use the `-?` option to see the syntax for the command.

GLPCSC011E The specified schema file '*schemafile*' is a directory.

Explanation: A schema file can be added to a configuration file of the directory server instance only if it exists on the system and is a file, not a directory.

Operator Response: Specify a schema file that exists on the system and is readable. Verify that the schema file specified is not a directory.

GLPCSF001I Command to configure a suffix for a directory server instance.

Usage: *program name* [-I instancename -s suffix

[-f configfile] [-d debuglevel] [-b outputfile] [-q]

[-n]] | -v | -?

where:

- ?** Displays this help screen.
- b<outputfile>** Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the `-q` option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel>** Sets the debug level in the LDAP library. Use in conjunction with the `ldtrc` command.
- f<configfile>** Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename>** Specifies the name of the directory server instance to update.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q** Run in quiet mode. All output except errors are suppressed.

If the **-d** option is also specified, trace output
is not suppressed.

-s<suffix> Specifies a suffix to add to the directory
server instance.

-v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPCSF002E An internal error occurred while running the `idscfgsuf` command.

Explanation: An internal error occurred while running `idscfgsuf` command. This may have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPCSF003W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error. If the problem persists, contact IBM support.

GLPCSF004I Adding suffix: *'suffix'*.

Explanation: No additional information is available for this message.

GLPCSF005I Added suffix: *'suffix'*.

Explanation: No additional information is available for this message.

GLPCSF006E Failed to add suffix: *'suffix'*.

Explanation: An error occurred while trying to add the suffix to the configuration file of the directory server instance.

Operator Response: Look for previous error messages that might have been generated for details on how to respond. If no other error messages are present, contact IBM support.

GLPCSF007I Suffix *'suffix'* will be added to the configuration file of the directory server instance *'instance name'*.

Explanation: No additional information is available for this message.

GLPCSF008E The suffix *'suffix'* already exists in the configuration file of the directory server instance.

Explanation: Tried to add a suffix that is already configured.

Operator Response: None.

GLPCSF009E The **-s** option is required and is used to specify the name of the suffix to add.

Explanation: The **-s** option was not specified and it is required.

Operator Response: Specify the **-s** option. Use the **-?** option to see the syntax for the command.

GLPCTL001E A directory server instance was not specified.

Explanation: The command requires that a directory instance be specified.

Operator Response: Specify a directory server instance with the -I option or set the directory server instance using the environment variable `IDS_LDAP_INSTANCE`.

GLPCTL002I Creating database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL003I Created database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL004E Failed to create database instance: *'instance name'*. The failure might have occurred because the system was not set up correctly before using the tool.

Explanation: The program failed while trying to create a database instance.

Operator Response: Review the 'Configuring or unconfiguring the database' section of the IBM Tivoli Directory Server Installation Guide and verify the required system settings for the configuration tools are correctly set. This includes requirements regarding user setup, group setup, and the free space and write permissions on the location where the database instance will be created. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. After verifying and correcting all required system settings, run the configuration tool again. If the program still fails then look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL005I Removing database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL006I Removed database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL007W Failed to remove database instance: *'instance name'*.

Explanation: The program failed to successfully remove the database instance. This might have happened because the database instance did not exist.

Operator Response: Verify that the database instance still exists on the system. This can be achieved with the `db2ilist` command. If the database instance has been removed no further action is necessary. In addition, look in the directory server instance's DB2 logs for additional error or warnings that might have been generated. If the configuration tools continue to show this warning message, reboot the machine and try to reproduce the warning again before contacting IBM support.

GLPCTL008I Starting database manager for database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL009I Started database manager for database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL010E Failed to start database manager for database instance: *'instance name'*.

Explanation: The program failed to start the database manager for the database instance.

Operator Response: Verify that the system has enough virtual memory for the buffer pool setup for the database. Refer to the IBM Tivoli Directory Server Performance Tuning Guide for information on configuring the buffer pool size for a database. Verify that the environment variable `DB2COMM` is not set before running the tool. In addition,

look in the directory server instance's DB2 logs for additional error or warnings that may have been generated.

GLPCTL011I Stopping database manager for the database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL012I Stopped database manager for the database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL013W Failed to stop database manager for the database instance: *'instance name'*.

Explanation: The program failed to stop the database manager for the database instance.

Operator Response: Verify that other applications are not connected to a database under the DB2 instance being affected. Verification might be necessary if the program does not complete successfully. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. If the configuration tools continue to show this warning message, reboot the machine and try to reproduce the warning again before contacting IBM support.

GLPCTL014I Uncataloging database instance node: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL015I Uncataloged database instance node: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL016W Failed to uncatalog database instance node: *'instance name'*.

Explanation: The program failed to successfully uncatalog the database instance node. This might have happened because the database instance did not exist on the system.

Operator Response: Verify that the database instance still exists using the db2ilist command. If the database instance does not exist, no further action is necessary. Verification might be necessary only if the program does not complete successfully. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. If the configuration tools continue to show this warning message, reboot the machine and try to reproduce the warning again before contacting IBM support.

GLPCTL017I Cataloging database instance node: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL018I Cataloged database instance node: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL019E Failed to catalog database instance node: *'instance name'*. **The failure might have occurred because the system was not set up correctly before using the tool.**

Explanation: The program failed while trying to catalog a database instance node.

Operator Response: Review the 'Configuring or unconfiguring the database' section of the IBM Tivoli Directory Server Installation Guide and verify the required system settings for the configuration tools are correctly set. This includes requirements regarding user setup, group setup, and the free space and write permissions on the location where the database will be created. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. After verifying and correcting all required system settings, run the configuration tool again. If the program still fails then look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL020I Updating the database manager: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL021I Updated the database manager: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL022E Failed to update the database manager: *'instance name'*.

Explanation: The program failed while attempting to update the database manager. The failure occurred while updating the Query Heap Size (query_heap_sz) of the DB2 database manager to 2048 Pages where each Page is 4 KB.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL023I Enabling multi-page file allocation: *'database name'*

Explanation: No additional information is available for this message.

GLPCTL024I Enabled multi-page file allocation: *'database name'*

Explanation: No additional information is available for this message.

GLPCTL025W Failed to enable multi-page file allocation: *'database name'*

Explanation: The program failed while enabling multi-page file allocation on the database being configured. This is a performance enhancement for the database and will not stop the configuration process from completing successfully.

Operator Response: On UNIX platforms, verify that the login shell for the DB2 instance owner ID, DB2 administrator ID, and root default shell is the Korn shell script (/usr/bin/ksh). The db2empfa DB2 command can then be run again the configured database manually to enable multi-page file allocation.

GLPCTL026I Creating database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL027I Created database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL028E Failed to create database: *'database name'*. **The failure might have occurred because the system was not set up correctly before using the tool.**

Explanation: The program failed while trying to create a database.

Operator Response: Review the 'Configuring or unconfiguring the database' section of the IBM Tivoli Directory Server Installation Guide and verify the required system settings for the configuration tools are correctly set. This includes requirements regarding user setup, group setup, and the free space and write permissions on the location where the database will be created. Verify that the password of the specified user has not expired and the account of the user has not been locked out. After verifying and correcting all required system settings, run the configuration tool again. If the program still fails, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL029E User *'user name'* does not have correct system permissions to create a database in *'location'*

Explanation: The program failed while trying to create a database because the DB2 administrator ID specified did not have the necessary permissions.

Operator Response: Review the 'Configuring or unconfiguring the database' section of the IBM Tivoli Directory Server Installation Guide and verify the required system settings for the configuration tools are correctly set. This

includes requirements regarding user setup, group setup, and the free space and write permissions on the location where the database will be created. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. After verifying and correcting all required system settings, run the configuration tool again.

GLPCTL030E The DB2 administrator ID or password specified is not valid.

Explanation: The DB2 administrator ID specified did not exist or the password specified was not valid for the DB2 administrator ID. This error was detected while trying to create the DB2 database.

Operator Response: Specify an existing user ID on the system and the valid password. Verify that the user ID has a password that is valid and ready to use. For example, the password cannot be expired or waiting for a first-time validation of any kind. You might be able to verify that the password is correctly set by attempting to telnet into the machine using the user ID.

GLPCTL031I Removing database: 'database name'.

Explanation: No additional information is available for this message.

GLPCTL032I Removed database: 'database name'.

Explanation: No additional information is available for this message.

GLPCTL033W Failed to remove database: 'database name'.

Explanation: The program failed to successfully remove the database. This might have happened because the database did not exist.

Operator Response: Verify that the database still exists on the system. If the database has been removed no further action is necessary. If the configuration tools continue to show this warning message, reboot the machine and try to reproduce the warning again before contacting IBM support.

GLPCTL034I Updating the database: 'database name'

Explanation: No additional information is available for this message.

GLPCTL035I Updated the database: 'database name'

Explanation: No additional information is available for this message.

GLPCTL036E Failed to Update the database: 'database name'

Explanation: An internal error occurred while trying to update the database.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL037I Adding local loop back to database: 'database name'.

Explanation: No additional information is available for this message.

GLPCTL038I Added local loop back to database: 'database name'.

Explanation: No additional information is available for this message.

GLPCTL039E Failed to add local loop back to database: 'database name'. The failure might have occurred because the system was not set up correctly before using the tool.

Explanation: The program failed while trying to add local loop back to the database. This means it failed to add a database alias for the database being configured.

GLPCTL040I • GLPCTL048W

Operator Response: Review the 'Configuring or unconfiguring the database' section of the IBM Tivoli Directory Server Installation Guide and verify the required system settings for the configuration tools are correctly set. This includes requirements regarding user setup, group setup, and the free space and write permissions on the location where the database will be created. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. After verifying and correcting all required system settings, run the configuration tool again. If the program still fails then do the following: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL040I Removing local loop back from database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL041I Removed local loop back from database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL042W Failed to remove local loop back from database: *'database name'*.

Explanation: The program failed to successfully remove the database local loop back. This might have happened because the database alias did not exist.

Operator Response: If the configuration tools continue to show this warning message, reboot the machine and try to reproduce the warning again before contacting IBM support.

GLPCTL043I Adding local loop back to change log database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL044I Added local loop back to change log database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL045E Failed to add local loop back to change log database: *'database name'*. **The failure might have occurred because the system was not set up correctly before using the tool.**

Explanation: The program failed while trying to add local loop back to the change log database. This means it failed to add a database alias for the database being configured.

Operator Response: Review the 'Configuring or unconfiguring the database' section of the IBM Tivoli Directory Server Installation Guide and verify the required system settings for the configuration tools are correctly set. This includes requirements regarding user setup, group setup, and the free space and write permissions on the location where the database will be created. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. After verifying and correcting all required system settings, run the configuration tool again. If the program still fails, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL046I Removing local loop back from the change log database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL047I Removed local loop back from the change log database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL048W Failed to remove local loop back from the change log database: *'database name'*.

Explanation: The program failed to successfully remove the Change log database local loop back. This might have happened because the database alias did not exist.

Operator Response: If the configuration tools continue to show this warning message, reboot the machine and try to reproduce the warning again before contacting IBM support.

GLPCTL049I Adding TCPIP services to database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL050I Added TCPIP services to database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL051E Failed to add TCPIP services to database instance: *'instance name'*. **The failure might have occurred because the system was not set up correctly before using the tool.**

Explanation: The program failed while trying to add TCPIP services to a database instance.

Operator Response: Review the 'Configuring or unconfiguring the database' section of the IBM Tivoli Directory Server Installation Guide and verify the required system settings for the configuration tools are correctly set. This includes requirements regarding user setup, group setup, and the free space and write permissions on the location where the database instance will be created. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. After verifying and correcting all required system settings, run the configuration tool again. If the program still fails then look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL052I Removing TCPIP services from database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL053I Removed TCPIP services from database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL054W Failed to remove TCPIP services from database instance: *'instance name'*.

Explanation: The program failed to successfully remove the TCPIP services from database instance.

Operator Response: Verify that the database instance still exists on the system. This can be achieved with the db2ilist command. If the database instance has been removed no further action is necessary. In addition, look in the directory server instance's DB2 logs for additional error or warnings that may have been generated. If the configuration tools continue to show this warning message, reboot the machine and try to reproduce the warning again before contacting IBM support.

GLPCTL055E Failed to load shared library *'library name'*.

Explanation: The program failed to load the libidsbutils shared library.

Operator Response: Verify that the shared library exists on the system. The needed library may not have yet been installed. Also, verify that the path and library path have been set correctly to find the IDS installed libraries.

GLPCTL056E Failed to load symbol from shared library *'library name'*.

Explanation: The program failed to load a symbol from the libidsbutils shared library.

Operator Response: Contact IBM support.

GLPCTL057I Program: *program name*

Version: *version string*

Build Date: *date*

Build Time: *time*

Explanation: No additional information is available for this message.

GLPCTL058E The file specified to redirect the output to, '*filename*', is a directory instead of a file.

Explanation: An attempt was made to redirect the output to a directory. The output of the program can only be redirected to a file.

Operator Response: Specify a file name which exists or can be created and is writable.

GLPCTL059E The file specified to redirect output to, '*filename*', is not writable.

Explanation: An attempt was made to redirect the output to a file that the user does not have permission to write to.

Operator Response: Specify a file name which exists or can be created and is writable.

GLPCTL060E The file specified to redirect output to, '*filename*', could not be created.

Explanation: An attempt was made to redirect the output to a file that the user could not create.

Operator Response: Specify a file name which exists or can be created and is writable.

GLPCTL061E The file specified to redirect output to, '*filename*', could not be opened.

Explanation: An attempt was made to redirect the output to a file that the user does not have permission to open.

Operator Response: Specify a file name which exists or can be create and is writable.

GLPCTL062E The specified IP Address '*filename*' is not a valid IP address for this machine.

Explanation: Specified an IP address not available for use by the machine.

Operator Response: Specify an IP address that the machine can bind to ports on.

GLPCTL063I You have chosen to perform the following actions:

Explanation: No additional information is available for this message.

GLPCTL064E Internal error setting terminal attribute.

Explanation: The program encountered an internal error while trying to set the terminal display.

Operator Response: Open a new command line window and attempt to run the command again.

GLPCTL065E Unable to reset the display.

Explanation: The program encountered an internal error while trying to reset the terminal display.

Operator Response: Open a new command line if the problem persists.

GLPCTL066E The file '*filename*' cannot be created. The location is not valid, is not writable, or is not accessible.

Explanation: The file to create is not valid, is not writable, or is not accessible.

Operator Response: Verify that the location where the file is going to be created is a valid location on the system and that you have access to write to that location. If the location does not look valid and the problem persists, contact IBM support.

GLPCTL067E The file *'filename'* can not be copied to *'filename'*.

Explanation: The file could not be copied to the specified location.

Operator Response: Verify that the location where the file is going to be created is a valid location on the system and that you have access to write to that location. Verify that the file to be copied exists, is a valid location on the machine, can be accessed, and has sufficient space. If the location does look valid and the problem persists, contact IBM support.

GLPCTL068W Failed to delete the file: *'filename'*.

Explanation: The program failed to delete the specified file.

Operator Response: This failure might not be fatal. Verify that the file has the correct permissions so that it can be deleted. Delete the file manually if needed and the file still exists.

GLPCTL069I Do you want to...

(1) Continue with the above actions, or

(2) Exit without making any changes:

Explanation: No additional information is available for this message.

GLPCTL070W Failed to delete the directory: *'directory'*.

Explanation: The program failed to delete the specified directory.

Operator Response: This failure might not be fatal. Verify that the directory has the correct permissions so that it can be deleted. Delete the directory manually if needed and if the directory exists.

GLPCTL071E The directory server instance repository, *'filename'*, cannot be read. You do not have authority to read the repository and run this command.

Explanation: The directory server instance repository could not be read. It is required to run the command.

Operator Response: Verify that the directory server instance repository location exists or that you have permission to read the file. The file is most likely not readable because you do not have permission to read the file or the location where the directory server instance repository is located at. This command should only be run by members of the Administrators group on Windows platforms and by members of the idslsap group on UNIX platforms. On UNIX platforms, verify that the idslsap user and idslsap group exist on the machine.

GLPCTL072E The directory server instance repository, *'filename'*, cannot be written to. You do not have authority to write to the repository and run this command.

Explanation: The directory server instance repository could not be written to. It is required to run the command.

Operator Response: Verify that the directory server instance repository location exists or that you have permission to write to the file. The file is most likely not writable because you do not have permission to access the file or the location where the directory server instance repository located at. This command should only be run by members of the Administrators group on Window and by the root user on UNIX platforms.

GLPCTL073E The log file, *'filename'*, cannot be written to. You do not have authority to write to the log and run this command.

Explanation: The log file could not be written to. It is required to run the command.

Operator Response: Verify that the log file location exists or that you have permission to write to the file. The file is most likely not writable because you do not have permission to access the file or the location where the log file was located at. This command should only be used by users with sufficient authority.

GLPCTL074I • GLPCTL084I

GLPCTL074I Starting Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL075I Started Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL076W Failed to start Admin Daemon instance: *'instance name'*.

Explanation: The program failed to successfully start the admin daemon. The error might not be fatal and may have occurred because the port the Admin Daemon was going to use was already taken.

Operator Response: Verify that Admin Daemon exists on the machine and is not started. If necessary, change the port if it is being used by another program or directory server instance or admin daemon.

GLPCTL077I Stopping Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL078I Stopped Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL079W Failed to stop Admin Daemon instance: *'instance name'*.

Explanation: The program failed to successfully stop the admin daemon. The error might not be fatal and may have occurred because the Admin Daemon was already stopped.

Operator Response: Verify that Admin Daemon exists on the machine and is running. If necessary, stop the Admin Daemon manually.

GLPCTL080I Starting directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL081I Started directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL082W Failed to start directory server instance: *'instance name'*.

Explanation: The program failed to successfully start the directory server instance. The error might not be fatal and may have occurred because the port the directory server instance was going to use was already taken.

Operator Response: Verify that directory server instance exists on the machine and is not started. If necessary, change the port if it is being used by another program or directory server instance or admin daemon. The use the command `idsilist` with the `-a` option to see what ports are currently configured for each directory server instance.

GLPCTL083I Stopping directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL084I Stopped directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL085W Failed to stop directory server instance: *'instance name'*.

Explanation: The program failed to successfully stop the directory server instance. The error might not be fatal and may have occurred because the directory server instance was already stopped.

Operator Response: Verify that directory server instance exists on the machine and is running. If necessary, stop the Admin Daemon manually.

GLPCTL086E The directory *'location'* cannot be created. The location is not valid, is not writable, or is not accessible.

Explanation: The directory to create is not valid, is not writable, or is not accessible.

Operator Response: Verify that the location where the directory is going to be created is a valid location on the system and that you have access to write to that location. If the location does not look valid and the problem persists, contact IBM support.

GLPCTL087E The directory server instance *'instance name'* does not exist.

Explanation: Specified a directory server instance that does not exist.

Operator Response: Specify a directory server instance name that does exist. Specify a directory server instance with the -I option or set the directory server instance using the environment variable IDS_LDAP_INSTANCE.

GLPCTL088E Unable to run the command on directory server instance *'instance name'*, while it is running.

Explanation: An attempt was made to run the command on the directory instance while it is running.

Operator Response: Stop the instance of the directory server before attempting to run the command. If you feel the directory server instance is not running, verify this by trying to connect to the directory server instance.

GLPCTL089E Unable to run the command on directory server instance *'instance name'*, because the state of the server can not be determined.

Explanation: An attempt was made to run the command on the directory instance and its state could not be determined.

Operator Response: This error most likely occurred because you do not have sufficient access to check the status of the server. Verify the servers slapd.pid file has sufficient access for you to read it.

GLPCTL090E Unable to run the command on directory server instance *'instance name'*, because the `ibmslapd.conf` for the directory server instance could not be found.

Explanation: An attempt was made to run the command on the directory instance but the instances `ibmslapd.conf` file could not be found.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL091E Unable to run the command on directory server instance *'instance name'*, because the configuration file, *'file name'*, does not exist, was not accessible, or could not be written to.

Explanation: An attempt was made to run the command on the directory instance but the instances `ibmslapd.conf` file does not exist, was not accessible, or could not be written to.

Operator Response: Verify that the directory server instance configuration file exists and that you have access to it. If the configuration file does not exist, you will most likely have to recreate the directory server instance.

GLPCTL092E Unable to run the command on directory server instance *'instance name'*. The command can only be run on directory server instances at version *'version number'*.

Explanation: An attempt was made to run the command on the directory instance that is not at the same version as this tool.

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Operator Response: Specify a directory server instance that is at the same version as the tool.

GLPCTL093E The directory server instance configuration key stash file, '*filename*', cannot be read. You do not have authority to read the repository and run this command.

Explanation: The directory server instance configuration key stash file could not be read. It is required to run the command.

Operator Response: Verify that the directory server instance configuration key stash file exists or that you have permission to read the file. The file is most likely not readable because you do not have permission to read the file or the location where the directory server instance configuration key stash file is located at. If the file does not exist, you will need to contact IBM support to have the configuration key stash file regenerated.

GLPCTL094E The directory server instance directory key stash file, '*filename*', cannot be read. You do not have authority to read the repository and run this command.

Explanation: The directory server instance directory key stash file could not be read. It is required to run the command.

Operator Response: Verify that the directory server instance directory key stash file exists or that you have permission to read the file. The file is most likely not readable because you do not have permission to read the file or the location where the directory server instance directory key stash file is located at. If the file does not exist, you will need to contact IBM support to have the configuration key stash file regenerated.

GLPCTL095E Failure to load key data from directory server instance configuration key stash file '*filename*'.

Explanation: Encountered an internal error while loading the key data from the directory server instance configuration key stash file.

Operator Response: Your directory server instance configuration key stash file might be corrupt. Contact IBM support.

GLPCTL096E Failure to load key data from directory server instance configuration directory stash file '*filename*'.

Explanation: Encountered an internal error while loading the key data from the directory server instance directory key stash file.

Operator Response: Your directory server instance directory key stash file might be corrupt. Contact IBM support.

GLPCTL097E The directory server instance '*instance name*', is a proxy server. The command can not be run on a proxy server.

Explanation: The command was run against a directory server instance that is a proxy server and the command is not supported on a proxy server.

Operator Response: Only run the command against directory server instances that are not proxy servers.

GLPCTL098I Backing up database *database name*.

Explanation: No additional information is available for this message.

GLPCTL099I Backed up database *database name*.

Explanation: No additional information is available for this message.

GLPCTL100E Failed to back up database *database name*.

Explanation: The program was unable to backup the database.

Operator Response: Check the directory server instance's DB2 log for DB2 error messages. The DB2 error messages may help indicate why the program could not back up the database. Also, check the previous error messages for reasons why the backup failed. Verify that the database exists on the system.

GLPCTL101I Restoring backup database *database name* to configured database *database name*.

Explanation: No additional information is available for this message.

GLPCTL102I Restored backup database *database name* to configured database *database name*.

Explanation: No additional information is available for this message.

GLPCTL103E Failed to restore backup database *database name* to configured database *database name*.

Explanation: The program was unable to restore the backup database to the configured database.

Operator Response: Check the directory server instance's DB2 log for DB2 error messages. The DB2 error messages might help indicate why the program could not restore the database. Also, check the previous error messages for reasons why the restore failed. Verify that the database exists on the system.

GLPCTL104E The configuration key stash file data is inconsistent with the associated encrypted data in the configuration file '*filename*'.

Explanation: The configuration key stash file data does not match the associated encrypted data that is stored in the directory server instances configuration file. The given command will not run correctly if an inconsistency is encountered.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL105E The encryption sync attribute ,ibm-slapdCryptoSync, could not be retrieved from directory server instance's configuration file. The attribute is required to validate encrypted data integrity.

Explanation: Failed to retrieve the ibm-slapdCryptoSync attribute from the configuration file of the directory server instance. The attribute is required to perform encrypted data integrity checking.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPCTL106E Failure to load key data from directory server instance configuration key stash file into memory.

Explanation: Encountered an internal error while loading the key data from the directory server instance configuration key stash file into memory

Operator Response: Your directory server instance configuration key stash file may be corrupt. Verify that the configuration key stash file for the directory server instance exists and is accessible. If the problem persists, contact IBM support.

GLPCTL107E Failed to bind to the configuration file '*filename*' of directory server instance '*instance name*'. Bind failed with a return code of '*return code*'.

Explanation: Encountered an error binding to the configuration file of the directory server instance. This error can occur if any ldif syntax error is present in the file. This error can also occur if an invalid configuration file was specified. The exact error can be determined by running the program with tracing turned on.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about enabling tracing for IBM Tivoli Directory Server programs using the ldtrc command. Then run the program again with the same options but include the -d 65535 option (or -h 65535 depending on the program you are running). Look at the trace output generated to determine why the bind to the configuration file has failed and respond accordingly. If the problem persists, contact IBM support.

GLPCTL108E Unable to run the command on Admin Daemon instance '*instance name*', while it is running.

Explanation: An attempted was made to run the command on the Admin Daemon while it is running.

Operator Response: Stop the instance of the Admin Daemon before attempting to run the command. If you feel the Admin Daemon instance is not running, verify this by trying to connect to the Admin Daemon instance.

GLPCTL109E Unable to run the command on Admin Daemon instance '*instance name*', because the state of the Admin Daemon can not be determined.

Explanation: An attempted was made to run the command on the Admin Daemon instance and its state could not be determined.

Operator Response: This error most likely occurred because you do not have sufficient access to check the status of the server. Verify the Admin Daemon `ibmdiradm.pid` file has sufficient access for you to read it.

GLPCTL110E DB2 did not have sufficient access to backup the database to '*location*'. The database instance owner '*user ID*' and his primary group must be able to access and write to the backup location.

Explanation: The program failed to backup the database because DB2 did not access to write to the specified location. The database instance owner and the primary group of the database instance owner must be able to read and write to the backup location.

Operator Response: Verify that the database instance owner and the primary group of the database instance owner have access to read and write to the specified backup location. This include any parent directories where the backup location resides. In addition, on UNIX platforms the permissions must be set properly, even if you are running as the root user.

GLPCTL111E No directory server instance exists on the machine.

Explanation: No directory server instance exists on the machine. The command requires that an existing directory instance be specified.

Operator Response: Use the `idsicrt` command to create a directory server instance. If you do not have permission to run the command, contact your system administrator.

GLPCTL112E Only the user '*root*' is authorized to run the command.

Explanation: The user tried to run a command that only the root user on the operating system is authorized to run.

Operator Response: Run the command as the root user on the operating system. Contact your system administrator if you have further questions.

GLPCTL113I Largest core file size creation limit for the process (in bytes): '*soft limit*'(Soft limit) and '*hard limit*'(Hard limit).

Explanation: No additional information is available for this message.

GLPCTL114I Largest file size creation limit for the process (in bytes): '*soft limit*'(Soft limit) and '*hard limit*'(Hard limit).

Explanation: No additional information is available for this message.

GLPCTL115I Maximum data segment limit for the process (in bytes): '*soft limit*'(Soft limit) and '*hard limit*'(Hard limit).

Explanation: No additional information is available for this message.

GLPCTL116I Maximum physical memory limit for the process (in bytes): '*soft limit*'(Soft limit) and '*hard limit*'(Hard limit).

Explanation: No additional information is available for this message.

GLPD2L001I Command to dump entries from a directory server instance into a LDIF file.
Usage: *program name* [-o outputfile -I instancename [-f configfile]

[-k ?|keyseed -t keysalt] [-j]

[[-s subtreeDN [-x]] | [-p on|off] [-l]] [-w]] |

-?

where:

- ? Displays this help screen.
- f<configfile> Specifies the full path to the configuration file to use. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename> Specifies the name of the directory server instance to use.
- k<keyseed> Specifies the destination server's encryption key seed value to use for re-encryption of password data. A ? value provides for separate prompting and console masking of the value. This option also requires specification of the -t option.
- t<keysalt> Specifies the destination server's encryption key salt value to use for re-encryption of password data. This option also requires specification of the -k option.
- j Indicates that the operational attributes are not to be exported to the LDIF file.

Explanation: No additional information is available for this message.

 GLPD2L002I

- o<outputfile> Specifies the LDIF output file to contain the directory entries in LDIF. All entries from the specified subtree are written in LDIF to the output file. This option is required. If the file is not in the current directory, a full path and file name must be specified.
- p<on|off> Exports all suffixes, except cn=localhost subtree, in addition to the cn=pwdpolicy suffix. The default setting is off. This option cannot

- be used with the **-s** option.
- s<subtree DN>** The subtree DN identifies the top entry of the subtree that is to be dumped to the LDIF output file. This entry, plus all below it in the directory hierarchy, are written out. If this option is not specified, all directory entries stored in the database are written to the output file based on the suffixes specified in the configuration file.
- W<outputfile>** Specifies the full path of a file in which to redirect output.
- x** Use to exclude the subtree specified by the **-s** option. This option cannot be used with the **-l** or **-p** options.

Explanation: No additional information is available for this message.

GLPD2L003E Option -x is not allowed for a subtree which is not a replication context.

Explanation: The db2ldif utility provides a **-s <subtree DN>** option to export a specific subtree. If the subtree is a replication context, this option can be combined with **-x** option to exclude nested subtree from being exported.

Operator Response: Ensure the subtree dn in the **-s** option is a replication context, or remove the **-x** when invoking the db2ldif utility.

GLPD2L004E db2ldif: Cannot authenticate DN and password.

Explanation: The credentials entered were not valid. There was an error verifying the dn and password.

Operator Response: Enter a valid dn and password.

GLPD2L005E ldif2db failed on *file_operation* to file: *file*.

Explanation: The db2ldif utility failed on the operation specified to the file indicated.

Operator Response: Check the file indicated for the operation which failed and correct the problem.

GLPD2L006E ldif2db failed on *file_operation* to file: *file*.

Explanation: The db2ldif utility failed on the operation specified to the file indicated.

Operator Response: Check the file indicated for the operation which failed and correct the problem.

GLPD2L007E ldif2db failed on *file_operation* to file: *file*.

Explanation: The db2ldif utility failed on the operation specified to the file indicated.

Operator Response: Check the file indicated for the operation which failed and correct the problem.

GLPD2L008E *ldif2db failed on file_operation to file: file.*

Explanation: The db2ldif utility failed on the operation specified to the file indicated.

Operator Response: Check the file indicated for the operation which failed and correct the problem.

GLPD2L009E *Entry DN of entry specified on db2ldif does not exist.*

Explanation: The db2ldif failed because the subtree DN specified as the root of the subtree to be exported was not found.

Operator Response: Correct the DN in the db2ldif request and try again.

GLPD2L010E *db2ldif unable to run because of initialization error.*

Explanation: db2ldif is unable to start because of an initialization error.

Operator Response: View earlier error message to see why db2ldif did not run. If no previous error message was printed, contact IBM support.

GLPD2L011I *number of entries have been successfully exported from the directory.*

Explanation: No additional information is available for this message.

GLPDBB001I

Command to backup the database for a directory server instance.

Usage: *program name* [-I instancename -k backupdir

[-d debuglevel] [-b outputfile] [-q] [-n]] | -v | -?

where:

- ? Displays this help screen.
- b<outputfile> Specifies the full path of a file in which to
 redirect output. If this option is used in conjunction with
 the -q option, only errors will be sent to the file.
 If debugging is turned on, debug output will be sent
 to this file also.
- d<debuglevel> Sets the debug level in the LDAP library.
 Use in conjunction with the ldtrc command.
- I<instancename> Specifies the name of the directory server instance
 to backup.
- k<backupdir> The directory to back up the database into.
- n Run in no-prompt mode. All output is generated except for
 messages requiring user interaction.
- q Run in quiet mode. All output except errors are suppressed.

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If the **-d** option is also specified, trace output
is not suppressed.

-v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPDBB002E Specified a backup directory, *'filename'*, that does not exist or is not accessible.

Explanation: An invalid backup directory was specified for backing up the database for the directory server instance.

Operator Response: Specify a directory which exists and is writable.

GLPDBB003E An internal error occurred while running the **dbback** command.

Explanation: An internal error occurred while running the **dbback** command. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPDBB004W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPDBB005E The **-k <backup dir>** option is required. Use the **-?** option to see the syntax for **dbback**.

Explanation: The other options were specified and the **-k <backup dir>** option was not.

Operator Response: Try specifying the **-k <backup dir>** option with a valid directory to which you can back up the database.

GLPDBB006E Unable to back up database. No database instance is configured for directory server instance *'instance name'*.

Explanation: A database can only be backed up if a database instance and database is already configured.

Operator Response: A database instance is configured when a directory server instance is created. If you have removed the database instance or deleted the database instance from the configuration file, reconfigure manually or recreate the directory server instance.

GLPDBB007E Unable to back up database. No database is configured for directory server instance *'instance name'*.

Explanation: A database can only be backed up if a database is already configured.

Operator Response: A database is configured using the **idschgdb** command. Configure a database with this command before attempting to back up a database.

GLPDBB008I Backing up directory server instance *'instance name'*.

Explanation: No additional information is available for this message.

GLPDBB009I Backed up directory server instance *'instance name'*.

Explanation: No additional information is available for this message.

GLPDBB010E Failed to back up directory server instance '*instance name*'.

Explanation: The program was unable to back up the directory server instance.

Operator Response: Verify that the directory instance has a configuration file, schema files, key stash files, and a database configured. Verify that you have access to read all of these files. In addition, view earlier error messages to see why the program failed to back up the files. If an earlier error messages was not printed, contact IBM support.

GLPDBB011E Unable to retrieve the database name from the directory server instance's configuration file.

Explanation: Tried to retrieve the database name from the directory server instance configuration file and a failure occurred.

Operator Response: Verify that the directory server instance has a database configured and that the database name exists in the configuration file. If these things are set properly and the error continues to occur, contact IBM support.

GLPDBB012E Unable to retrieve the database instance name from the directory server instance's configuration file.

Explanation: Tried to retrieve the database instance name from the directory server instance configuration file and a failure occurred.

Operator Response: Verify that the directory server instance has a database instance configured and that the database instance name exists in the configuration file. If these things are set properly and the error continues to occur, contact IBM support.

GLPDBB013E Unable to retrieve the database administrator ID from the directory server instance's configuration file.

Explanation: Tried to retrieve the database administrator ID from the directory server instance configuration file and a failure occurred.

Operator Response: Verify that the directory server instance has a database configured and that the database administrator ID exists in the configuration file. If these things are set properly and the error continues to occur, contact IBM support.

GLPDBB014E Unable to retrieve the database administrator password from the directory server instance's configuration file.

Explanation: Tried to retrieve the database administrator password from the directory server instance configuration file and a failure occurred.

Operator Response: Verify that the directory server instance has a database configured and that the database administrator password exists in the configuration file. If these things are set properly and the error continues to occur, contact IBM support.

GLPDBB015I Backing up the configuration file for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBB016I Backed up the configuration file for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBB017E Failed to back up the configuration file for the directory server instance '*instance name*'.

Explanation: The program was unable to back up the configuration file for directory server instance.

Operator Response: Verify that the directory instance has a configuration file. Verify that you have access to read the configuration file. In addition, view earlier error messages to see why program failed to back up the files. If an earlier error messages was not printed, contact IBM support.

GLPDBB018I Backing up the key stash files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBB019I Backed up the key stash files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBB020E Failed to back up the key stash files for the directory server instance '*instance name*'.

Explanation: The program was unable to back up the key stash files for directory server instance.

Operator Response: Verify that the directory instance has key stash files. Verify that you have access to read the key stash files. In addition, view earlier error messages to see why program failed to back up the files. If an earlier error message was not printed, contact IBM support.

GLPDBB021I Backing up the schema files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBB022I Backed up the schema files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBB023E Failed to back up the schema files for the directory server instance '*instance name*'.

Explanation: The program was unable to back up the schema files for directory server instance.

Operator Response: Verify that the directory instance has schema files. Verify that you have access to read the schema files. In addition, view earlier error messages to see why program failed to back up the files. If an earlier error message was not printed, contact IBM support.

GLPDBB024E The back up file *file name* cannot be created or was not writable.

Explanation: The program was unable to open or write to the file that will hold all of the backup information.

Operator Response: Verify that the directory where the file is being written to has the appropriate write permissions.

GLPDBB025E The back up file *file name* could not be created or was not writable.

Explanation: The program was unable to open or write to the file that will hold all of the backup information.

Operator Response: Verify that the directory where the file is being written to has the appropriate write permissions.

GLPDBB026I Saving backup information to a file.

Explanation: No additional information is available for this message.

GLPDBB027I Saved backup information to a file.

Explanation: No additional information is available for this message.

GLPDBB028E Failed to save backup information to a file.

Explanation: The program was unable to save the backup information to a file.

Operator Response: View earlier error messages to see why program failed to back up the files. If an earlier error message was not printed, contact IBM support.

GLPDBB029I The database and configuration files for directory server instance '*instance name*' will be backed up to '*directory*'.

Explanation: No additional information is available for this message.

GLPDBB030E A dbback.dat file already exists in the specified location to back up the directory server instance. Specify a directory that does not already contain backup information or delete the backup information.

Explanation: The program found existing backup information in the specified location. The program will not back up the information to a location that already contains backup information.

Operator Response: Specify a directory that does not already contain backup information or delete the backup information.

GLPDBR001I

Command to restore the database for a directory server instance.

Usage: *program name* [-I instancename -k backupdir [-r]

[-d debuglevel] [-b outputfile] [-q] [-n] | -v | -?

where:

- ? Displays this help screen.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- I<instancename> Specifies the name of the directory server instance to restore.
- k<backupdir> The directory to restore the database from.
- n Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q Run in quiet mode. All output except errors are suppressed. If the -d option is also specified, trace output is not suppressed.
- r Specifies to not restore the ibmslapd.conf file.
- v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPDBR002I • GLPDBR011E

GLPDBR002I Restoring directory server instance *'instance name'*.

Explanation: No additional information is available for this message.

GLPDBR003I Restored directory server instance *'instance name'*.

Explanation: No additional information is available for this message.

GLPDBR004E Failed to restore directory server instance *'instance name'*.

Explanation: The program was unable to backup one of the directory server instances.

Operator Response: Verify that the directory instance has a configuration file, schema files, key stash files, and a database configured. Verify that you have access to read all of these files. In addition, view earlier error messages to see why program failed to backup the files. If an earlier error message was not printed, contact IBM support.

GLPDBR005I Loading backup information from a file.

Explanation: No additional information is available for this message.

GLPDBR006I Loaded backup information from a file.

Explanation: No additional information is available for this message.

GLPDBR007E Failed to load the backup information from a file.

Explanation: The program was unable to load the backup information from a file.

Operator Response: View earlier error messages to see why program failed to load the backup information. If an earlier error message was not printed, contact IBM support.

GLPDBR008E The backup file *file name* **does not exist or cannot be read.**

Explanation: The program was unable to open the file that will hold all of the backup information.

Operator Response: Verify that the directory where the file is being read to has the appropriate permissions and that the file exists on the system.

GLPDBR009E The location of directory server instance *'instance name'* **cannot be found.**

Explanation: Tried to delete a directory server and cannot find the location of the directory server instance.

Operator Response: Try to run the command again. If the problem continues look in the directory server instance repository to verify the location is registered. If the location is not registered, register the location. If the command still fails after this, contact IBM support.

GLPDBR010E The file *'file name'*, **located in the backup file** *'file name'*, **does not exist, was not accessible, or cannot be written to.**

Explanation: An attempt was made to restore a directory server instance, but one of the files to restore was not found. The file was referenced in the backup file which holds the name of all files that will be restored.

Operator Response: Verify that the backup information in the backup file is valid and that all of the files referenced in the backup file exist and are valid.

GLPDBR011E The file *'file name'*, **is missing the database backup information.**

Explanation: An attempt was made to restore a directory server instance, but the database backup information could not be found. The information was not present in the backup file.

Operator Response: Verify that the backup information in the backup file is valid and that all of the files referenced in the backup file exist and are valid. Verify that the 'database' and 'dbinstance' tag exists in the backup file.

GLPDBR012I Restoring the configuration file for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBR013I Restored the configuration file for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBR014E Failed to restore the configuration file for the directory server instance '*instance name*'.

Explanation: The program was unable to restore the configuration file for directory server instance.

Operator Response: Verify that the directory instance has a configuration file. Verify that you have access to read and write to the current configuration file. Your directory server instance might now be in an inconsistent state due to not restoring the old configuration file. In addition, view earlier error messages to see why program failed to restore the files. If an earlier error message was not printed, contact IBM support.

GLPDBR015I Restoring the key stash files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBR016I Restored the key stash files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBR017W Failed to restore the key stash files for the directory server instance '*instance name*'.

Explanation: The program was unable to restore the key stash files for directory server instance.

Operator Response: Verify that the directory instance has key stash files. Verify that you have access to read and write to the current key stash files for the directory server instance. Your directory server instance might now be in an inconsistent state due to having an out of sync stash file. In addition, view earlier error messages to see why program failed to restore files. If an earlier error message was not printed, contact IBM support.

GLPDBR018I Restoring the schema files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBR019I Restored the schema files for the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPDBR020E Failed to restore one or more of the schema files for the directory server instance '*instance name*'.

Explanation: The program was unable to restore one or more of schema files for directory server instance.

Operator Response: Verify that the directory server instance has schema files. Verify that you have access to read and write over the current set of schema files configured for the directory server instance. Your directory server instance might now be in an inconsistent state due to missing schema files. In addition, view earlier error messages to see why program failed to restore the files. If an earlier error message was not printed, contact IBM support.

GLPDBR021E Specified a backup directory, '*filename*', that does not exist or is not accessible.

Explanation: An invalid backup directory was specified for restoring the database for the directory server instance.

Operator Response: Specify a directory which exists and is writable.

GLPDBR022E • GLPDBR029E

GLPDBR022E The **-k <backup dir>** option is required. Use the **-?** option to see the syntax for **dbrestore**.

Explanation: The other options were specified and the **-k <backup dir>** option was not.

Operator Response: Specify the **-k <backup dir>** option with a valid directory to obtain the backed up information.

GLPDBR023E Unable to restore the database. No database instance is configured for directory server instance '*instance name*'.

Explanation: A database can only be restored if a database instance and database is already configured.

Operator Response: A database instance is configured when a directory server instance is created. If you have removed the database instance or deleted the database instance from the configuration file, reconfigure manually or recreate the directory server instance.

GLPDBR024E Unable to restore database. No database is configured for directory server instance '*instance name*'.

Explanation: A database can only be restored if a database is already configured.

Operator Response: A database is configured using the **idschgdb** command. Configure a database with this command before attempting to backup a database.

GLPDBR025E The backup file *file name* does not exist or cannot be accessed.

Explanation: The program was unable to open or read the file that holds all of the backup information.

Operator Response: Verify that the directory where the file is being written to has the appropriate write permissions and that the directory contains a **dbback.dat** file.

GLPDBR026I The database and configuration files for directory server instance '*instance name*' will be restored from files in directory '*directory*'. **Note: The data in the currently configured database will be overwritten and will be lost. The schema files and directory key stash file currently configured will be overwritten. Unless the -r option was specified the configuration file and configuration key stash file will also be overwritten.**

Explanation: No additional information is available for this message.

GLPDBR027E An internal error occurred while running the **dbrestore** command.

Explanation: An internal error occurred while running the **dbrestore** command. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPDBR028W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPDBR029E The file '*file name*', is missing the backup directory server version information.

Explanation: An attempt was made to restore a directory server instance, but the directory server version information cannot be found. The information was not present in the backup file.

Operator Response: Verify that the backup information in the backup file is valid and that all of the files referenced in the backup file exist and are valid. Verify that the '*instanceVersion*' tag exists in the backup file.

GLPDBR030E The file *'file name'*, is missing the backup operating system information.

Explanation: An attempt was made to restore a directory server instance, but the operating system information cannot be found. The information was not present in the backup file.

Operator Response: Verify that the backup information in the backup file is valid and that all of the files referenced in the backup file exist and are valid. Verify that the 'platform' tag exists in the backup file.

GLPDBR031E The file *'file name'*, contains information on a backed up directory server instance that does not match the version of directory server instance *'instance name'*.

Explanation: An attempt was made to restore a directory server instance and the information backed up is from a different directory server instance level. The tool can only restore into a directory server instance at the same version as the backed up data.

Operator Response: Verify that the 'instanceVersion' tag exists in the backup file and that it matches the version of the directory server instance you are trying to restore. If the information does not match, the backed up information cannot be restored into the specified directory server instance.

GLPDBR032E The file *'file name'*, was backed up from a different operating system. The dbrestore utility can only restore backup information that was backed up on the same operating system.

Explanation: An attempt was made to restore a directory server instance and the information backed up is from a different operating system.

Operator Response: Verify that the 'platform' tag exists in the backup file and that the value associated with the tag matches the operating system you are currently running on. If the operating system does not match, then the backed up information was backed up on a different operating system and the tool does not support cross operating system restores.

GLPDBR033E The dbrestore utility can only restore a database to the original database instance with the same database name. The backup up database *'database name'* resided in database instance *'database name'* and the configured database *'database name'* resides in database instance *'database instance'*

Explanation: An attempt was made to restore a directory server instance and the backed up database and database instance do not match the configured database and database instance.

Operator Response: Use the db2restore utility on a directory server instance that has a matching database and database instance configured. If you need to restore the specified directory server instance, then unconfigure the database and database instance for the directory server instance and reconfigure it to use the matching database instance and database.

GLPDDS001I Configuration will be read from *'filename'*.

Explanation: The configuration file for the Distributed Directory Setup tool will be read from the specified file.

GLPDDS002E Unable to open configuration file: *'filename'*.

Explanation: The configuration file for the utility could not be opened.

Operator Response: Make sure that the configuration file exists and is readable for the user attempting to run the utility.

GLPDDS003E Invalid command line option *'filename'*.

Explanation: The specified command line option is not valid for the utility.

Operator Response: Run the tool with the -? option to list valid command line options for the tool.

GLPDDS004E Configuration file in invalid format on '*line number*'.

Explanation: The configuration file has an invalid key or illegal characters on the specified line.

Operator Response: Run the tool with the `-?` option to list valid command line options for the tool.

GLPDDS005I

Command to split an LDIF file for loading into a distributed directory.

Usage: *program name* [-r] [-f configfile] [-d debug level] [-I instance name] | -?

- ?** Displays this help screen.
- d<debuglevel>** Sets the debug level in the LDAP library.
Use in conjunction with the `ldtrc` command.
- f<configfile>** Specifies the full path to the configuration file. If not specified, the default configuration file will be used.
- r** Runs the tool in recovery mode.
- I** Specifies the instance name to use for schema checking.

Explanation: No additional information is available for this message.

GLPDDS006E Invalid value: '*option*' is not allowed for option '*option*'.

Explanation: In the configuration file, an invalid value was given for the specified key.

Operator Response: Correct the value for the specified key.

GLPDDS007E Unable to open file '*filename*' specified on '*line number*' in the configuration file.

Explanation: The setup tool was unable to open the specified file. Usually this means that the file does not exist or the permissions are incorrect for the user running the tool.

Operator Response: Make sure any files specified in the configuration file exist and are writeable.

GLPDDS008E Output file '*filename*' already exists. Delete output file and run the tool again.

Explanation: An output file specified in the tool's configuration file already exists. The tool will not overwrite files that already exist.

Operator Response: p Delete or move the specified files that already exist. The tool will generate new output files.

GLPDDS009E Invalid Base '*base DN*' on '*line number*'. Base not a valid DN.

Explanation: A DN specified in the configuration file is invalid.

Operator Response: Correct the DN, ensuring that the format is in valid LDIF format

GLPDDS010E Invalid RDNFilter value on '*line number*'

Explanation: An RDN™ Filter has been incorrectly specified on the specified line.

Operator Response: Correct the RDN Filter in the configuration file, making sure that it is a correctly formatted LDAP filter.

GLPDDS011E Invalid URL format: *'URL' on line 'line number'*.

Explanation: A URL has been incorrectly specified on the given line.

Operator Response: Correct the URL in the configuration file, making sure that it is a correctly formatted LDAP URL.

GLPDDS012E Invalid DN format: *'DN' on 'line number'*

Explanation: A DN has been incorrectly specified on the specified line.

Operator Response: Correct the DN in the configuration file, making sure that it is a correctly formatted DN.

GLPDDS013E Invalid base directory *'directory'*. **Directory does not exist, or the correct permissions are not set.**

Explanation: The base directory for the output LDIF files does not exist or the permissions are incorrect for the user running the tool.

Operator Response: Either create the output directory before running the tool or correct the permissions before running the tool.

GLPDDS014E Invalid SetReferrals option *'SetReferrals option'*.

Explanation: The specified SetReferrals option is invalid.

Operator Response: Correct the SetReferrals option and run the tool again.

GLPDDS015E For ActionType: SplitOnly or SplitAndConfigure the following options are required: SplitBy and Base. The SplitBy option is missing.

Explanation: The SplitBy option is missing in the configuration file.

Operator Response: Add a SplitBy option to the configuration file and run the tool again.

GLPDDS016E For SplitType: RDN Hash, URL/File combinations are required. No URL/File combinations were found.

Explanation: No additional information is available for this message.

GLPDDS017E Error - only one value for type *'key type'* is allowed in the configuration file. Duplicate value *'value' on line 'line number'*.

Explanation: Some values in the configuration file, such as BaseDN, can be set only once.

Operator Response: Remove any repeated key and value pairs in the configuration file.

GLPDDS018I No file names were specified for output. The default filenames will be used.

Explanation: No additional information is available for this message.

GLPDDS019E Key not allowed: *'key' is not allowed for SplitBy option 'option'*. Error on *'line number'*

Explanation: The user must specify a valid key for the SplitBy option. See manuals for details.

Operator Response: Correct the SplitBy option and run the tool again.

GLPDDS020I Base value is null. The file will be split from the top level.

Explanation: No additional information is available for this message.

GLPDDS021E • GLPDDS032E

GLPDDS021E A base value of null is not allowed with a splitBy value of RDNHash.

Explanation: The user must provide a base DN for the RDN Hash SplitBy option.

Operator Response: Add a valid DN to the key BaseDN.

GLPDDS022E A base value of null is not allowed with a splitBy value of RDNFilter.

Explanation: The user must provide a base DN for the RDN Filter SplitBy option.

Operator Response: Add a valid DN to the key BaseDN.

GLPDDS023E For ActionType: SplitAndConfigure or ConfigureOnly the SplitBy option is required.

Explanation: No additional information is available for this message.

GLPDDS024E For ActionType: SplitAndConfigure or ConfigureOnly with SplitBy: subtree File/URL combinations are required. No File/URL combinations were found.

Explanation: The user must specify File/URL combinations for the 'splitBy: subtree' option, otherwise the set of subtrees to split on is ambiguous.

Operator Response: Add the desired number of File/URL combinations to the input file.

GLPDDS025E Missing option '*option*'

Explanation: Certain command line options are required. Use the -? option to display more details.

Operator Response: Add the required command line flags and run the tool again.

GLPDDS026E Unknown Option: '*option*' on '*line number*'

Explanation: No additional information is available for this message.

GLPDDS027E Error encountered during configuration phase. Correct the error and run again.

Explanation: No additional information is available for this message.

GLPDDS028E Configuration error checking completed successfully.

Explanation: No additional information is available for this message.

GLPDDS029I Using '*DN*' as base for input and output file names.

Explanation: No additional information is available for this message.

GLPDDS030I Referral recovery option requested.

Explanation: No additional information is available for this message.

GLPDDS031I Split recovery option requested.

Explanation: No additional information is available for this message.

GLPDDS032E Contents of file '*filename*' are not in LDIF format.

Explanation: The input LDIF file must contain valid LDIF entries.

Operator Response: Correct the invalid LDIF entries and run the tool again.

GLPDDS033E Invalid line: *'line number'* in LDIF File: *'filename'*.

Explanation: The input LDIF file must contain valid LDIF entries.

Operator Response: Correct the invalid LDIF entries and run the tool again.

GLPDDS034E Error encountered while splitting the data, input line number *'line number'* .

Explanation: The error occurred while processing the entry starting on the line specified in the error message.

Operator Response: Create a new input file with all the following entries including this entry. Update the configuration file to use this new file as the input. Correct any errors in the file. Rerun the tool with the -r split option.

GLPDDS035E Base not found in the input file.

Explanation: A DN matching BaseDN must be found in the input LDIF file.

Operator Response: Make sure the correct LDIF file is being split or correct the BaseDN to match the appropriate entry in the input LDIF file.

GLPDDS036I The Parent URL or Parent file was not specified. The default value of *'default URL'* will be used to store entries not under a base DN.

Explanation: No additional information is available for this message.

GLPDDS037I Splitting the data by *'SplitBy option'* requested. Beginning to split the data.

Explanation: No additional information is available for this message.

GLPDDS038I The subtree *'subtree DN'* will be written to output file *'filename'*.

Explanation: No additional information is available for this message.

GLPDDS039I Data split successfully.

Explanation: No additional information is available for this message.

GLPDDS040E Unable to write referral objects to file *'filename'*.

Explanation: The setup tool was unable to open the specified file. Usually this means that the file does not exist or the permissions are incorrect for the user running the tool.

Operator Response: Make sure any files specified in the configuration file exist and are writeable.

GLPDDS041E Error occurred while writing referral object to file *'filename'*.

Explanation: The setup tool was unable to complete writing to specified file. Usually this means that the filesystem is full.

Operator Response: Create space on the filesystem containing the specified file and run ddsetup again.

GLPDDS042E Error encountered during referral setup phase. Correct the error and rerun the tool using the -r referral option.

Explanation: No additional information is available for this message.

GLPDDS043I Referral objects successfully written to file *'filename'*.

Explanation: No additional information is available for this message.

GLPDDS044I Referral setup requested. Beginning to set up the referrals.

Explanation: No additional information is available for this message.

GLPDDS045E For ActionType: SplitOnly or SplitAndConfigure, the following options are required: SplitBy and Base. The Base option is missing.

Explanation: The user must specify a Base DN the SplitOnly or SplitAndConfigure options.

Operator Response: Add the Base DN to the input file.

GLPDDS046E Option '*option*' requires an argument.

Explanation: The specified option requires an argument on the command line.

Operator Response: Add the given argument to the command line.

GLPDDS047E Option '*option*' does not require an argument.

Explanation: The specified option does not require an argument on the command line.

Operator Response: Remove the argument from the command line.

GLPDDS048E Only one key of type '*key value*' is allowed in the configuration file. Duplicate is on '*line number*'

Explanation: For certain keys only a single key and value are allowed in a configuration file.

Operator Response: Remove the extra key-value pairs from the configuration file.

GLPDDS049E The key of type '*key*' is missing from the configuration file.

Explanation: The specified key is missing from the configuration file.

Operator Response: Add the appropriate key-value pair to the configuration file.

GLPDDS050E A value for the key '*key type*' is missing from the configuration file on line '*line number*'

Explanation: A value has not been specified for the given key.

Operator Response: Add a value to the specified key.

GLPDDS051E The key '*key type*' is missing from the configuration file on or near line '*line number*'

Explanation: A key is missing from the configuration file.

Operator Response: Add a key to the configuration file in the appropriate place.

GLPDDS052E The file '*output file*' cannot be written.

Explanation: The specified output file cannot be written.

Operator Response: Ensure the filesystem has enough available space. Check the permissions on the specified file.

GLPDPW001I

Command to configure the administration DN and password for a directory server instance.

Usage: *program name* [-I instancename [-u userDN] [-p password]

[-f configfile] [-d debuglevel] [-b outputfile] [-q]

[-n]] | -v | -?

where:

- ?** Displays this help screen.
- b<outputfile>** Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the **-q** option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel>** Sets the debug level in the LDAP library. Use in conjunction with the **ldtrc** command.
- f<configfile>** Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename>** Specifies the name of the directory server instance to update.

Explanation: No additional information is available for this message.

GLPDPW002I Enter the directory server administrator password:

Explanation: No additional information is available for this message.

GLPDPW003E The **-p** option is required.

Explanation: The **-p** option is required to specify the password of the directory server administrator.

Operator Response: Specify the **-p** option or do not run the command in no-prompt mode to avoid this error. Use the **-?** option to see the syntax for the command.

GLPDPW004I The directory server administrator DN will be set.

Explanation: No additional information is available for this message.

GLPDPW005I The directory server administrator password will be set.

Explanation: No additional information is available for this message.

GLPDPW006I Setting the directory server administrator password.

Explanation: No additional information is available for this message.

GLPDPW007I Set the directory server administrator password.

Explanation: No additional information is available for this message.

GLPDPW008E Failed to set the directory server administrator password.

Explanation: An internal error occurred while trying to configure the database administrator password.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPDPW009I Setting the directory server administrator DN.

Explanation: No additional information is available for this message.

GLPDPW010I Set the directory server administrator DN.

Explanation: No additional information is available for this message.

GLPDPW011E Failed to set the directory server administrator DN.

Explanation: An internal error occurred while trying to configure the database administrator DN.

Operator Response: See the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPDPW012E An internal error occurred while running the idsdnpw command.

Explanation: An internal error occurred while running the idsdnpw command. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPDPW013W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPDPW014E The password specified violates administrator password policy. A minimum of *number of characters* characters is required.

Explanation: Specified a password that violates the administrator password policy because the length of the password was too short.

Operator Response: Specify a password that is greater than or equal to the length specified in the error message.

GLPDPW015E The password specified violates administrator password policy. A minimum of *number of characters* alpha characters is required.

Explanation: Specified a password that violates the administrator password policy because the password does not contain enough alpha characters.

Operator Response: Specify a password that has sufficient alpha characters to comply with the administrator password policy.

GLPDPW016E The password specified violates administrator password policy. A minimum of *number of characters* non-alpha characters is required.

Explanation: Specified a password that violates the administrator password policy because the password does not contain enough non-alpha characters.

Operator Response: Specify a password that has sufficient non-alpha characters to comply with the administrator password policy.

GLPDPW017E The password specified violates administrator password policy. A maximum of *number of characters* repeated characters is allowed.

Explanation: Specified a password that violates the administrator password policy because the password has too many repeated characters.

Operator Response: Specify a password that does not have too many repeated characters to comply with the administrator password policy. The maximum number of repeating characters was presented in the error message.

GLPDPW018E The password specified violates administrator password policy. A minimum of *number of characters* characters must be different from the previous password.

Explanation: Specified a password that violates the administrator password policy because does not have enough characters that differ from the previous password.

Operator Response: Specify a password that does not have too many matching characters from the previous password to comply with the administrator password policy. The minimum number of characters that need to differ was presented in the error message.

GLPDPW019I

- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction. The **-p** option must be used with this option.
- p<password>** Directory administrator password. If an admin DN value is not provided (via the **-u** option) then the current value of the administrator DN will be used. If the administrator DN has not been defined, then the value **cn=root** will be used.
- q** Run in quiet mode. All output except errors are suppressed. If the **-d** option is also specified, trace output is not suppressed.
- u<userDN>** Directory administrator distinguished name (DN)
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPHST001I

Command to set the IP addresses a directory server instance binds to.
 Usage: *program name* [-I instancename -i ipaddress

[-d debuglevel] [-b outputfile] [-q] [-n]] | -v | -?

where:

- ?** Displays this help screen.
- b<outputfile>** Specifies the full path of a file in which to

redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.

- d<debuglevel> Sets the debug level in the LDAP library.
Use in conjunction with the ldtrc command.
- i<ipaddress> Specifies the IP address the directory server instance will bind to. If more than one is specified, the comma separator is required with no spaces. Spaces are allowed only if the entire argument is surrounded in quotes. Use the key word 'all' to specify to use all available IP addresses.
- I<instancename> Specifies the name of the directory server instance to update.
- n Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q Run in quiet mode. All output except errors are suppressed. If the -d option is also specified, trace output is not suppressed.
- v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPHST002E An internal error occurred while running the idssethost command.

Explanation: An internal error occurred while running idssethost command. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPHST003W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPHST004I The directory server instance's IP address will be set to: *'IP Address'*.

Explanation: No additional information is available for this message.

GLPHST005I The directory server instance's IP address will be set to all available IP addresses.

Explanation: No additional information is available for this message.

GLPHST006I Configuring the IP address information for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPHST007I Configured the IP Address information for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPHST008E Failed to configure the IP address information for directory server instance: *'instance name'*.

Explanation: An error occurred while trying to configure the IP address information for the directory server instance.

Operator Response: Look for previous error messages that might have been generated for details on how to respond. If no other error messages are present, contact IBM support.

GLPHST009E The requested IP address change will cause a port conflict with another directory server instance.

Explanation: Specified an IP address change that will cause a port conflict with another directory server instance.

Operator Response: Specify an IP Address that is valid on the machine and does not cause a port conflict with other directory server instances. To see what IP Addresses and ports are being used by another directory server instance use `idsilist` with the `-a` option.

GLPHST010E The `-i` option is required and was not specified.

Explanation: The `-i` option was not specified and it is required.

Operator Response: Specify the `-i` option. Use the `-?` option to see the syntax for the command.

GLPHST011W The Admin Daemon for the directory server instance is currently running and must be restarted for the change to the IP addresses to take effect.

Explanation: The Admin Daemon for the directory server instance was running when the IP addresses were reconfigured. Therefore, it must be restarted to be able to bind to the IP addresses.

Operator Response: Stop the Admin Daemon of the directory server instance using the `ibmdirctl` command and then start the Admin Daemon again using the `ibmdiradm` command.

GLPHST012E The IP address specified *'IP Address'* is not an existing IP Address on the machine.

Explanation: Tried to set an IP address that does not exist on the operating system.

Operator Response: Specify a valid IP address that is configurable for this machine.

GLPICR001I Command to create a directory server instance.

Usage: *program name* [-I instancename] [-e encryptseed] [-p port] [-s secureport]

[-a admport] [-c admsecureport] [-t dbinstance] [-C]

[-i ipaddress] [-l instlocation] [-r description]

[-d debuglevel] [-b outputfile] [-q] [-n]] | -v | -?

GLPICR002I

where:

- ? Displays this help screen.
- a<admport> Specifies the port the Admin Daemon will listen on.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- c<admsecureport> Specify the secure port the Admin Daemon will listen on.
- C Configure a database instance for an existing directory server instance.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- e<encryptseed> The seed to be used to create the key stash files for the directory server instance.
- i<ipaddress> The IP addresses to which the directory server instance will bind. If more than one is specified, the comma separator is required with no spaces. Use the key word 'all' to specify to use all available IP addresses. All available IP addresses is assumed if this option is not specified.
- I<instancename> Specifies the name of the directory server instance to create. The instance name must be an existing user ID on the machine and must be no greater than 8 characters in length.

Explanation: No additional information is available for this message.

GLPICR002I

- l<instlocation> The location to store the directory server instance's configuration files and logs. On Windows, this option is required and a drive letter must be specified. There must

- be at least 30 MB free.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- p<port>** The port of the directory server instance.
- q** Run in quiet mode. All output except errors are suppressed. If the **-d** option is also specified, trace output is not suppressed.
- r<description>** A description of the directory server instance.
- s<secureport>** The secure port of the directory server instance.
- t<dbinstance>** DB2 database instance name. The database instance name is also the DB2 instance owner ID. By default, the database instance name is assumed to be the same as the directory server instance owner ID.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPICR003E The port number specified by the **-a** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not an integer.

Operator Response: When using the **-a** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPICR004E The port number specified by the **-c** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not an integer.

Operator Response: When using the **-c** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPICR005E The port number specified by the **-p** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not an integer.

Operator Response: When using the **-p** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPICR006E The port number specified by the **-s** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not an integer.

Operator Response: When using the **-s** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPICR007E The -I option is required and is used to specify the instance name.

Explanation: The -I option was not specified and it is required.

Operator Response: Specify the -I option. Use the -? option to see the syntax for the command.

GLPICR008E The directory server instance name specified, *'instance name'*, is not a valid name and violates the directory server instance name naming rules.

Explanation: The program failed because an invalid directory server instance name was specified.

Operator Response: Specify a directory server instance name that adheres to the following rules: The directory server instance name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can only include the following characters: A-Z, a-z, and 0-9. The name must begin with one of the following characters: A-Z or a-z. The name cannot be 'ROOT'.

GLPICR009E The DB2 instance name specified, *'database name'*, is not a valid name and violates the DB2 instance name naming rules.

Explanation: The program failed because an invalid DB2 instance name was specified.

Operator Response: Specify a DB2 instance name that adheres to the following rules: The DB2 instance name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can only include the following characters: A-Z, a-z, and 0-9. The name must begin with one of the following characters: A-Z or a-z.

GLPICR010E The DB2 instance name specified, *'db2 instance'*, must match an existing user ID on the operating system.

Explanation: The DB2 instance owner ID with the same name as the specified DB2 instance name does not exist on the system.

Operator Response: Specify an existing user ID on the system for the DB2 instance name.

GLPICR011E The directory server instance name specified, *'instance name'*, must match an existing user ID on the operating system.

Explanation: The directory instance owner ID with the same name as the specified directory server instance name does not exist on the system.

Operator Response: Specify an existing user ID on the system for the directory server instance name.

GLPICR012E The -t option cannot be specified if the RDBM component of the server has not been installed on the operating system.

Explanation: The program cannot detect that the RDBM server component was installed. If the RDBM component is not installed, it is not possible for the program to use DB2 functionality.

Operator Response: Install the RDBM component or use the command without the -t option.

GLPICR013I The directory server instance's port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPICR014I The directory server instance's secure port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPICR015I The directory server instance's Admin Daemon port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPICR016I The directory server instance's Admin Daemon secure port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPICR017I Enter encryption seed:

Explanation: No additional information is available for this message.

GLPICR018E The **-e** option is required.

Explanation: The -e option is required to specify the encryption seed for the directory server instance.

Operator Response: Specify the -e option or do not run the command in no-prompt mode to avoid this error. Use the -? option to see the syntax for the command.

GLPICR019I The description will be set to: *'description'*.

Explanation: No additional information is available for this message.

GLPICR020I A new directory server instance *'instance name'* will be created.

Explanation: No additional information is available for this message.

GLPICR021I Database instance *'database instance'* will be configured.

Explanation: No additional information is available for this message.

GLPICR022E The directory server instance *'instance name'* already exists.

Explanation: Tried to create a directory server instance that already exists.

Operator Response: If a new directory server instance is needed, specify a directory server instance name that does not exist. The idsilist command can be used to get a list of directory server instances on the machine.

GLPICR023E An internal error occurred while creating the directory server instance.

Explanation: An internal error occurred while creating the directory server instance. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPICR024W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: Review the earlier error messages for information on the exact error.

GLPICR025I Registering directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR026I Registered directory server instance: : *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR027E • GLPICR037I

GLPICR027E Failed to register directory server instance: *'instance name'*.

Explanation: The program failed to register the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR028I Creating directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR029I Created directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR030E Failed to create directory server instance: *'instance name'*.

Explanation: The program failed to create the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR031I Adding database instance 'DB2 instance' to directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR032I Added database instance 'DB2 instance' to directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR033E Failed to add database instance 'DB2 instance' to directory server instance: *'instance name'*.

Explanation: The program failed to add the DB2 instance to the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR034I Creating schema files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR035I Created schema files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR036E Failed to create schema files for directory server instance: *'instance name'*.

Explanation: The program failed to create the schema files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR037I Creating log files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR038I Created log files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR039E Failed to create log files for directory server instance: *'instance name'*.

Explanation: The program failed to create the log files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR040I Creating configuration file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR041I Created configuration file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR042E Failed to create configuration file for directory server instance: *'instance name'*.

Explanation: The program failed to create the new configuration file for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR043I Creating key stash files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR044I Created key stash files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR045E Failed to create key stash files for directory server instance: *'instance name'*.

Explanation: The program failed to create the new key stash files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR046I Creating profile scripts for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR047I Created profile scripts for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR048E Failed to create profile scripts for directory server instance: *'instance name'*.

Explanation: The program failed to create the profile scripts for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR049I • GLPICR058E

GLPICR049I Creating directories for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR050I Created directories for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR051E Failed to create directories for directory server instance: *'instance name'*.

Explanation: The program failed to create the directories for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR052I Creating DB2 instance link for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR053I Created DB2 instance link for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR054E Failed to create DB2 instance link for directory server instance: *'instance name'*.

Explanation: The program failed to create the DB2 instance link for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR055E The -l option is required and is used to specify the location to create the directory server instance.

Explanation: The -l option was not specified and it is required.

Operator Response: Specify the -l option. Use the -? option to see the syntax for the command.

GLPICR056E Failed to retrieve the home directory for the following user: *'user name'*.

Explanation: The program tried to retrieve the home directory of the specified user. This user matches the name of the directory server instance name specified.

Operator Response: Verify that the specified user exists on the machine and has a home directory defined. In addition, you can try to specify a specific location using the -l option.

GLPICR057I The directory server instance will be created at: *'location'*.

Explanation: No additional information is available for this message.

GLPICR058E The specified directory, *'filename'*, is not a valid directory, does not exist, or is not writable.

Explanation: The directory specified to create the directory server instance in a location that is not valid, is not writable, or is not accessible.

Operator Response: Verify that the location where the instance is going to be created is a valid location on the system and that you have access to write to that location. The directory must exist.

GLPICR059E The specified directory server instance location '*location*' is not a drive.

Explanation: The location chosen to configure a directory server instance was not a drive. On the Windows operating system, the location must be a file system drive and not a directory.

Operator Response: Verify the location specified exists, that you have access to write to that location, and that the location has the necessary free space. Or choose another location that meets the criteria.

GLPICR060E The database instance specified '*DB2 instance*' is already being used by another directory server instance.

Explanation: Tried to create a directory server instance with a DB2 database instance that is used by another directory server instance.

Operator Response: Specify a DB2 instance name that is not already being used by another directory server instance.

GLPICR061I Creating Windows service for Admin Daemon instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR062I Created Windows service for Admin Daemon instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR063E Failed to create Windows service for Admin Daemon instance: '*instance name*'.

Explanation: The admin daemon cannot be installed as a windows service.

Operator Response: If any previous error messages occurred, look at those messages to see how to respond to the error. Otherwise, you must be part of the Administrators group to create the Windows service. If you are part of the Administrators group, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR064W The Windows service for Admin Daemon instance '*instance name*' already exists.

Explanation: The admin daemon service was already installed and must have resided on the machine when creating the directory server instance.

Operator Response: This is only a warning. If there are issues when starting the Admin Daemon instance as a service, then the directory server instance must be removed and added again. If this warning message continues to occur, contact IBM support.

GLPICR065I Creating Windows service for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR066I Created Windows service for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR067E Failed to create Windows service for directory server instance: '*instance name*'.

Explanation: The directory server instance cannot be installed as a Windows service.

Operator Response: If any previous error messages occurred, look at those messages to see how to respond to the error. Otherwise, you must be part of the Administrators group to create the Windows service. If you are part of the Administrators group, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR068W The Windows service for directory server instance *'instance name'* already exists.

Explanation: The directory server instance service was already installed and must have resided on the machine when creating the directory server instance.

Operator Response: This is only a warning. If there are issues when starting the directory server instance as a service, then the directory server instance must be removed and added again. If this warning message continues to occur, contact IBM support.

GLPICR069I Adding entry to */etc/inittab* for Admin Daemon Instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR070I Added entry to */etc/inittab* for Admin Daemon Instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR071E Failed to add entry to */etc/inittab* for Admin Daemon Instance: *'instance name'*.

Explanation: The admin daemon cannot be registered in */etc/inittab*.

Operator Response: You must be the root user on the machine to update the */etc/inittab* file. If you are the root user, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR072W The entry in */etc/inittab* for Admin Daemon instance *'instance name'* already exists.

Explanation: The admin daemon service was already installed in */etc/inittab* and must have resided on the machine when creating the directory server instance.

Operator Response: This is only a warning. If there are issues when starting the Admin Daemon instance when the machine boots up, then the directory server instance must be removed and added again. If this warning message continues to occur, contact IBM support.

GLPICR073I Configuring ports and IP addresses for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR074I Configured ports and IP addresses for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR075E Failed to configure ports and IP addresses for directory server instance: *'instance name'*.

Explanation: The directory server instance ports and IP addresses cannot be configured in the *ibmslapd.conf* file. This is most likely an internal error.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR076E The directory server instance *'instance name'* already exists.

Explanation: Tried to create a directory server instance that already exists.

Operator Response: Specify a directory server instance name that does not exist.

GLPICR077I Configuring key stash files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR078I Configured key stash files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR079E Failed to configure key stash files for directory server instance: *'instance name'*.

Explanation: The program failed to config the new key stash files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR080E The specified directory, *'filename'*, does not have enough free space. Specify an existing location that is writable with at least 30 MB of free space.

Explanation: The directory specified to create the directory server instance in does not have enough free space. The location must have at least 30 MB of free space.

Operator Response: Verify that the location where the instance is going to be created is a valid location on the system and that you have access to write to that location. The directory must exist and must have 30 MB of free space.

GLPICR081I Configuring database instance *'DB2 instance'* for directory server instance: *'DB2 instance'*.

Explanation: No additional information is available for this message.

GLPICR082I Configured database instance *'DB2 instance'* for directory server instance: *'DB2 instance'*.

Explanation: No additional information is available for this message.

GLPICR083E Failed to configure database instance *'DB2 instance'* for directory server instance: *'DB2 instance'*.

Explanation: An internal error occurred while trying to configure the database instance in the directory server instance configuration file.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR084I The directory server instance's IP address will be set to: *'IP Address'*.

Explanation: No additional information is available for this message.

GLPICR085I Configuring schema files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR086I Configured schema files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR087E Failed to configure schema files for directory server instance: *'instance name'*.

Explanation: The program failed to configure the schema files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR088I • GLPICR107I

GLPICR088I Configuring log files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR089I Configured log files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR100E The directory server instance owner, *'user name'*, must be a member of the primary group, *'group name'*, of the database instance owner, *'user name'*.

Explanation: The directory server instance owner must be a member of the primary group of the database instance owner. They need not be in the same primary group, but the directory server instance owner must be in that primary group.

Operator Response: Add the directory server instance owner user name to the primary group of the directory server instance owner.

GLPICR101E The directory server instance owner, *'user name'*, must be a member of the group *'idsldap'*.

Explanation: The directory server instance owner must be a member of the idsldap group.

Operator Response: Add the directory server instance owner user name to the idsldap group.

GLPICR102E *'root'* must be a member of the primary group, *'group name'*, of the database instance owner, *'user name'*.

Explanation: The database instance that is created while creating a directory server instance failed because root is not a member of the database instance owner's primary group.

Operator Response: Add root to the database instance owner's primary group.

GLPICR103I Adding instance information to the .profile file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR104I Added instance information to the .profile file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR105E Failed to add instance information to the .profile file for directory server instance: *'instance name'*.

Explanation: The program failed to add the instance information to the .profile file for the directory server instance. The .profile file is located in the home directory of the directory server instance owner.

Operator Response: Verify that the .profile file for the directory server instance owner exists and is writable. Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR106I Adding environment variables for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR107I Added environment variables for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR108E Failed to add environment variables for directory server instance: *'instance name'*.

Explanation: The program failed to add directory server instance environment variables to the environment of the directory server instance owner.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR109I Creating ibmslapdService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR110I Created ibmslapdService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR111E Failed to create ibmslapdService.cmd file for directory server instance: *'instance name'*.

Explanation: The program failed to create the ibmslapdService.cmd file for the directory server instance. The file is needed to run the directory server instance as a Windows Service.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR112I Creating ibmdiradmService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR113I Created ibmdiradmService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR114E Failed to create ibmdiradmService.cmd file for directory server instance: *'instance name'*.

Explanation: The program failed to create the ibmdiradmService.cmd file for the directory server instance. The file is needed to run the Admin Daemon instance as a Windows Service.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR115E Cannot configure database instance because the directory server instance *'instance name'* does not exist.

Explanation: Specified to configure a database instance for a directory server instance does not exist.

Operator Response: Specify a directory server instance that exist and does not already have a database instance configured.

GLPICR116E The -C option cannot be specified if the RDBM component of the server has not been installed on the operating system.

Explanation: The program cannot detect that the RDBM server component was installed. If the RDBM component is not installed, it is not possible for the program to use DB2 functionality.

Operator Response: Install the RDBM component or use the command without the -C option.

GLPICR117E A database instance is already configured for directory server instance '*instance name*'.

Explanation: A database instance is already configured for the directory server instance specified.

Operator Response: Unconfigure the database instance if another database instance needs to be configured. Otherwise, no further action is necessary.

GLPICR118I Creating runscript executable for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR119I Created runscript executable for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR120E Failed to create runscript executable for directory server instance: '*instance name*'.

Explanation: The program failed to create the runscript executable for the directory server instance. The executable is called by the Admin Daemon to start the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR121E The directory server instance owner, '*user name*', must be a member of the group 'Administrators'.

Explanation: The directory server instance owner must be a member of the Windows Administrators group.

Operator Response: Add the directory server instance owner user name to the Windows Administrators group or choose another user name that is already in the Administrators group.

GLPICR122E The specified directory, '*directory*', does not have read, write, and execute permissions for the directory server instance owner '*username*'.

Explanation: The directory specified did not have read, write, and execute permissions for the specified directory server instance owner. These permissions are required for the directory server instance owner to be able to start the server instance and run other command line utilities.

Operator Response: Verify that the location where the directory server instance is going to be created is a valid location on the system and that the directory server instance owner has write access to that location. The directory server instance owner might not be able to start the directory server instance and run other command line utilities, if the permissions on the location are not set correctly.

GLPICR123E Unable to determine the ownership and permissions on the directory '*filename*'.

Explanation: The command was unable to determine the ownership and permissions of the directory where the directory server instance was going to be created.

Operator Response: Verify that the location where the directory server instance is going to be created is a valid location on the system and the directory server instance owner has write access to that location.

GLPICR124E The location of directory server instance '*instance name*' cannot be found.

Explanation: Directory server instance location could not be retrieved from the Server Instance Repository file. The location is required to configure the database instance for the specified directory server instance.

Operator Response: Try to run the command again. If the problem continues look in the directory server instance repository to verify the location is registered. If the location is not registered, register it by manually updating the entry in the directory server instance repository. If the command still fails after this, contact IBM support.

GLPICR90E Failed to configure log files for directory server instance: *'instance name'*.

Explanation: The program failed to configure the log files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPICR91E A database instance is already configured in directory server instance *'instance name'*.

Explanation: Tried to configure a database instance for a directory server instance and one was already configured.

Operator Response: Unconfigure the current database instance from the directory server instance if a new database instance needs to be configured.

GLPICR92E The encryption seed must only contain printable ISO-8859-1 ASCII characters with values in the range of 33 to 126 inclusive, and must be a minimum of 12 and a maximum of 1016 characters in length.

Explanation: The program failed because an invalid encryption seed was specified.

Operator Response: Specify an encryption seed value that complies with the supported format.

GLPICR93E The IP address specified *'IP Address'* is not an existing IP address on the machine.

Explanation: Tried to create a directory server instance with an IP address that does not exist on the operating system.

Operator Response: Specify a valid IP address that is configurable for this machine.

GLPICR94E The ports numbers specified by the **-a**, **-c**, **-p**, or **-P** options must not match each other and must not cause a conflict between any ports in the configuration file of the directory server instance.

Explanation: Ports were specified that will conflict in the configuration file of the directory server instance.

Operator Response: Specify unique ports numbers that do not match each other.

GLPICR95E Port *'port number'* is already being used by another directory server instance.

Explanation: Specified a port which is being used by another directory server instance

Operator Response: Specify a port that is not being used in any other directory server instance.

GLPICR96E The primary group, *'group name'*, of the user, *'user name'*, is not a valid name and violates the name naming rules.

Explanation: The program failed because the primary group of the directory server instance owner that was to be created is not valid.

Operator Response: Specify a user that has a primary group that adheres to the following rules: The primary group name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can only include the following characters: A-Z, a-z, and 0-9. The name must begin with one of the following characters: A-Z or a-z. Or, change the primary group of the user specified to follow the naming rules.

GLPICR97E Unable to determine the primary group of the user *'user name'*. The primary group of the directory server instance owner must be validated before a directory server instance can be created.

Explanation: Unable to validate the primary group of the directory server instance owner. This is most likely an internal error.

Operator Response: Validate that the user name exists on the machine and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM support.

GLPICR98E The primary group, *'group name'*, of the user, *'user name'*, is not a valid name and violates the name naming rules.

Explanation: The program failed because the primary group of the database instance owner that was to be created is not valid.

Operator Response: Specify a user that has a primary group that adheres to the following rules: The primary group name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can only include the following characters: A-Z, a-z, and 0-9. The name must begin with one of the following characters: A-Z or a-z. Or, change the primary group of the user specified to follow the naming rules.

GLPICR99E Unable to determine the primary group of the user *'user name'*. The primary group of the DB2 database instance owner must be valid before a directory server instance can be created.

Explanation: Unable to validate the primary group of the DB2 database instance owner. This is most likely an internal error.

Operator Response: Validate that the user name exists on the machine and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM support.

GLPIDP001I Command to delete a directory server instance.

Usage: *program name* [-I instancename [-r] [-d debuglevel]

[-R] [-b outputfile] [-q] [-n] | -v | -?

where:

- ? Displays this help screen.

- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.

- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.

- I<instancename> Specifies the name of the directory server instance to drop.

- n Run in no-prompt mode. All output is generated except for messages requiring user interaction.

- q Run in quiet mode. All output except errors are suppressed. If the -d option is also specified, trace output is not suppressed.

- r Delete the database instance associated with the directory

server instance. This will delete all databases contained
in the database instance also.

-R Specifies to only unconfigure the database instance and
not to drop the directory server instance.

-v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPIDP002I Deleting directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP003I Deleted directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP004E Failed to delete directory server instance: *'instance name'*.

Explanation: The program failed to delete the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP005I Removing the DB2 database instance from directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP006I Removed the DB2 database instance from directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP007E Failed to remove the DB2 database instance from directory server instance: *'instance name'*.

Explanation: The program failed to remove the DB2 instance from the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP008I Deleting schema files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP009I Deleted schema files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP010E Failed to delete schema files for directory server instance: *'instance name'*.

Explanation: The program failed to delete the schema files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP011I Deleting log files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP012I Deleted log files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP013E Failed to delete log files for directory server instance: *'instance name'*.

Explanation: The program failed to delete the log files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP014I Deleting configuration file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP015I Deleted configuration file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP016E Failed to delete configuration file for directory server instance: *'instance name'*.

Explanation: The program failed to delete the configuration file for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP017I Deleting key stash files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP018I Deleted key stash files for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP019E Failed to delete key stash files for directory server instance: *'instance name'*.

Explanation: The program failed to delete the key stash files for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP020I Deleting profile scripts for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP021I Deleted profile scripts for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP022E Failed to delete profile scripts for directory server instance: *'instance name'*.

Explanation: The program failed to delete the profile scripts for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide

for information about debugging the program and contacting IBM support.

GLPIDP023I Deleting directories for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP024I Deleted directories for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP025E Failed to delete directories for directory server instance: *'instance name'*.

Explanation: The program failed to delete the directories for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP026I Deleting DB2 instance link for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP027I Deleted DB2 instance link for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP028E Failed to delete DB2 instance link for directory server instance: *'instance name'*.

Explanation: The program failed to delete the DB2 instance link for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP029I Deleting Windows service for Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP030I Deleted Windows service for Admin Daemon instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP031W Failed to delete Windows service for Admin Daemon instance: *'instance name'*.

Explanation: The program failed to delete the Windows service for the Admin Daemon instance.

Operator Response: The error might not be fatal. Verify that the Windows service for the Admin Daemon still exists. If it does not exist, no further action is required. If the Windows service does exist, attempt to recreate the problem using the same directory server instance. If the problem persists, contact IBM support.

GLPIDP032I Deleting Windows service for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP033I Deleted Windows service for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP034W Failed to delete Windows service for directory server instance: *'instance name'*.

Explanation: The program failed to delete the Windows service for the directory server instance.

Operator Response: The error might not be fatal. Verify that the Windows service for the directory server instance still exists. If it does not exist, no further action is required. If the Windows service does exist, attempt to recreate the problem using the same directory server instance. If the problem persists, contact IBM support.

GLPIDP035I Removing entry from */etc/inittab* for Admin Daemon Instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP036I Removed entry from */etc/inittab* for Admin Daemon Instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP037W Failed to remove entry from */etc/inittab* for Admin Daemon Instance: *'instance name'*.

Explanation: The program delete the admin daemon entry from the */etc/inittab* file.

Operator Response: The error might not be fatal. Verify that the */etc/inittab* entry still exists in the */etc/inittab* file. If the entry is not gone, then remove it manually. You must be the root user to successfully remove the entry from the */etc/inittab* file.

GLPIDP038E The directory server instance *'instance name'* does not exist.

Explanation: Tried to delete a directory server instance that does not exist.

Operator Response: Specify a directory server instance name that does exist if the wrong name was specified. Otherwise, no action is required.

GLPIDP039I Unregistering directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP040I Unregistered directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP041E Failed to unregister directory server instance: *'instance name'*.

Explanation: The program failed to unregister the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP042E The **-I** option is required and is used to specify the instance name.

Explanation: The **-I** option was not specified and it is required.

Operator Response: Specify the **-I** option. Use the **-?** option to see the syntax for the command.

GLPIDP043I The directory server instance *'instance name'* will be deleted. **Note: The configuration file, the schema files, the log files, and key stash files associated with this directory server instance will be deleted. All information regarding how the directory server instance was configured and how the directory data was encrypted will be lost.**

Explanation: No additional information is available for this message.

GLPIDP044I The database instance configured for directory server instance '*instance name*' will be destroyed.
Note: The change log and any other databases associated with this directory server instance will be destroyed. All data stored in directory server instance will be lost.

Explanation: No additional information is available for this message.

GLPIDP045I You have opted to delete an existing directory server instance. All information regarding how the directory server instance was configured will be removed. This means the configuration file, schema files, log files, and key stash files associated with this directory server directory will be removed.
Do you want to....

(1) - Continue and delete the directory server instance, or

(2) - Exit this task without changes:

Explanation: No additional information is available for this message.

GLPIDP046E The directory server instance '*instance name*' does not exist.

Explanation: Tried to delete a directory server instance that does not exist.

Operator Response: Specify a directory server instance name that exists if the wrong name was specified. Otherwise, no action is required.

GLPIDP047I Do you want to delete the database instance and database associated with the directory server instance. **Note:** This will delete all data from the directory server instance.
Do you want to....

(1) Leave this database instance on your system, or

(2) Completely erase the database instance (and all databases)?:

Explanation: No additional information is available for this message.

GLPIDP048I You have opted to delete the database instance for directory server instance. All databases and data contained in the database instance will be removed. This means you will lose all data currently stored in the databases under this database instance.
Do you want to....

(1) - Continue and delete the database instance, or

(2) - Exit this task without changes:

Explanation: No additional information is available for this message.

GLPIDP049E An internal error occurred while deleting the directory server instance.

Explanation: An internal error occurred while deleting the directory server instance. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPIDP050W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPIDP051E • GLPIDP060I

GLPIDP051E The directory server instance '*instance name*' does not exist.

Explanation: Tried to delete a directory server instance that does not exist.

Operator Response: Specify a directory server instance name that exists if the wrong name was specified. Otherwise, no action is required.

GLPIDP052E The location of directory server instance '*instance name*' cannot be found.

Explanation: Tried to delete a directory server and cannot find the location of the directory server instance.

Operator Response: Try to run the command again. If the problem continues look in the directory server instance repository to verify the location is registered. If the location is not registered, register it by manually updating the entry in the directory server instance repository. If the command still fails after this, contact IBM support.

GLPIDP053I Unconfiguring database instance '*DB2 instance*' for directory server instance: '*DB2 instance*'.

Explanation: No additional information is available for this message.

GLPIDP054I Unconfigured database instance '*DB2 instance*' for directory server instance: '*DB2 instance*'.

Explanation: No additional information is available for this message.

GLPIDP055E Failed to unconfigure database instance '*DB2 instance*' for directory server instance: '*DB2 instance*'.

Explanation: An internal error occurred while trying to unconfigure the database instance in the directory server instance configuration file.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP056E A database instance is not configured for directory server instance '*instance name*'.

Explanation: Tried to delete a database instance for a directory server instance and one is not configured.

Operator Response: Only try to drop the database instance for a directory server instance if one already exists.

GLPIDP057I Removing instance information from the .profile file for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPIDP058I Removed instance information from the .profile file for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPIDP059E Failed to remove instance information from the .profile file for directory server instance: '*instance name*'.

Explanation: The program failed to remove the instance information from the .profile file for the directory server instance. The .profile file is located in the home directory of the directory server instance owner.

Operator Response: Verify that the .profile file for the directory server instance owner exists and is writable. Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP060I Removing environment variables for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPIDP061I Removed environment variables for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP062E Failed to remove environment variables for directory server instance: *'instance name'*.

Explanation: The program failed to remove directory server instance environment variables from the environment of the directory server instance owner.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP063I Deleting the ibmslapdService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP064I Deleted the ibmslapdService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP065E Failed to delete the ibmslapdService.cmd file for directory server instance: *'instance name'*.

Explanation: The program failed to delete the ibmslapdService.cmd file for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP066I Deleting the ibmdiradmService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP067I Deleted the ibmdiradmService.cmd file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP068E Failed to delete the ibmdiradmService.cmd file for directory server instance: *'instance name'*.

Explanation: The program failed to delete the ibmdiradmService.cmd file for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPIDP069E The -r option cannot be specified if the RDBM component of the server has not been installed on the operating system.

Explanation: The program cannot detect that the RDBM server component was installed. If the RDBM component is not installed, it is not possible for the program to use DB2 functionality.

Operator Response: Install the RDBM component or use the command without the -R option.

GLPIDP070E A database instance is not configured for directory server instance *'instance name'*.

Explanation: Tried to delete a database instance for a directory server instance and one is not configured.

Operator Response: None. Only try to drop the database instance for a directory server instance if one already exists.

GLPIDP071I The database instance configured for directory server instance *'instance name'* will be unconfigured. The database instance and the databases contained inside of the database instance will be preserved.

Explanation: No additional information is available for this message.

GLPIDP072I Deleting the runscript executable for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP073I Deleted the runscript executable for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP074E Failed to delete the runscript executable for directory server instance: *'instance name'*.

Explanation: The program failed to delete the runscript executable for the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPILT001I Command to list the directory server instances on the machine.

Usage: *program name* [[-a | -r] [-d debuglevel] [-b outputfile]]

| -v | -?

where:

- ? Displays this help screen.
- a Specifies to list the full information about each instance.
- b<outputfile> Specifies the full path of a file in which to redirect output. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- r Specifies to list the full information about each instance. This is the same as the -a option , but the information is printed in a raw format. The information about each instance is printed on an individual line and each data item is separated by a #.
- v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPILT002E An internal error occurred while running the idsilist command.

Explanation: An internal error occurred while running idsilist command. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPILT003W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPILT004I Directory server instances:

Explanation: No additional information is available for this message.

GLPILT005I Instance *instance number*:

Explanation: No additional information is available for this message.

GLPILT006I Name: *instance name*

Explanation: No additional information is available for this message.

GLPILT007I Version: *version number*

Explanation: No additional information is available for this message.

GLPILT008I Type: *server type*

Explanation: No additional information is available for this message.

GLPILT009I IP Addresses: *IP Addresses*

Explanation: No additional information is available for this message.

GLPILT010I Port: *server port*

Explanation: No additional information is available for this message.

GLPILT011I Secure Port: *server port*

Explanation: No additional information is available for this message.

GLPILT012I Admin Daemon Port: *server port*

Explanation: No additional information is available for this message.

GLPILT013I Admin Daemon Secure Port: *server port*

Explanation: No additional information is available for this message.

GLPILT014I Location: *location*

Explanation: No additional information is available for this message.

GLPILT015I Description: *description*

Explanation: No additional information is available for this message.

GLPILT016I Not defined or inaccessible

Explanation: No additional information is available for this message.

GLPILT017I All available

Explanation: No additional information is available for this message.

GLPILT018E The -a and -r options cannot be specified at the same time.

Explanation: The -a and -r options were specified at the same time. This is not allowed.

Operator Response: Specify either the -a or the -r option. Use the -? option to see the syntax for the command.

GLPKEY001I Command to regenerate a directory key stash file for a directory server instance.

Usage: *program name* [-s salt [-e encryptseed] -l location

[-d debuglevel] [-b outputfile] [-q] [-n]] | -v | -?

where:

- ? Displays this help screen.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- e<encryptseed> The seed used to create the directory key stash file.
- l<location> The location to create the directory key stash file in.
- n Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q Run in quiet mode. All output except errors are suppressed. If the -d option is also specified, trace output is not suppressed.
- s<salt> The salt value used to create the directory key

stash file.

-v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPKEY002E The **-s** option is required and is used to specify the salt value.

Explanation: The **-s** option was not specified and it is required.

Operator Response: Specify the **-s** option. Use the **-?** option to see the syntax for the command.

GLPKEY003E The **-l** option is required and is used to specify the location to create the directory key stash file.

Explanation: The **-l** option was not specified and it is required.

Operator Response: Specify the **-l** option. Use the **-?** option to see the syntax for the command.

GLPKEY004E The specified directory, '*location*', is not a valid directory, does not exist, or is not writable.

Explanation: The directory specified to create the directory key stash file in a location that is not valid, is not writable, or is not accessible.

Operator Response: Verify that the location where the key stash file is going to be created is a valid location on the system and that you have access to write to that location. The directory must exist.

GLPKEY005E The **-e** option is required.

Explanation: The **-e** option is required to specify the encryption seed for the directory key stash file.

Operator Response: Specify the **-e** option or do not run the command in no-prompt mode to avoid this error. Use the **-?** option to see the syntax for the command.

GLPKEY006I Enter encryption seed:

Explanation: No additional information is available for this message.

GLPKEY007E The encryption seed must only contain printable ISO-8859-1 ASCII characters with values in the range of 33 to 126 inclusive, and must be a minimum of 12 and a maximum of 1016 characters in length.

Explanation: The program failed because an invalid encryption seed was specified.

Operator Response: Specify an encryption seed value that complies with the supported format.

GLPKEY008E The encryption salt must only contain printable ISO-8859-1 ASCII characters with values in the range of 33 to 126 inclusive, and must be exactly 12 characters in length.

Explanation: The program failed because an invalid salt value was specified.

Operator Response: Specify an encryption salt value that complies with the supported format.

GLPKEY009I The following directory key stash file will be created: '*filename*'.

Explanation: No additional information is available for this message.

GLPKEY010E The directory key stash file *file name* cannot be created or was not writable.

Explanation: The program was unable to open or write to the file that will hold all of the backup information.

Operator Response: Verify that the directory where the file is being written to has the appropriate write permissions.

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GLPKEY011I Creating directory key stash file: *'filename'*.

Explanation: No additional information is available for this message.

GLPKEY012I Created directory key stash file: *'filename'*.

Explanation: No additional information is available for this message.

GLPKEY013E Failed to directory create key stash file: *'filename'*.

Explanation: The program failed to create the new directory key stash file..

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPKEY014E An internal error occurred while creating the directory key stash file.

Explanation: An internal error occurred while creating the directory key stash file. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPKEY015W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: Review the earlier error messages for information on the exact error.

GLPL2D001I Command to load directory data from an LDIF file into a database for a directory server instance.
Usage: *program name* [-i inputfile -I instancename [-f configfile]

[-r yes | no] [-g] [-W]] | -?

where:

- ? Displays this help screen.
- f<configfile> Specifies the full path to the configuration file to use. If not specified, the default configuration file for the directory server instance will be used.
- g Specifies not to strip the trailing spaces on attribute values.
- I<instancename> Specifies the name of the directory server instance to use.
- i<inputfile> Specifies the name of the LDIF input file, containing directory entries in LDIF format. This option is required. If the file is not in the current directory, a full path and file

- name must be specified.
- r<yes|no>** Specifies whether to replicate. The default is yes which means entries are put into the Change table and are replicated when the server restarts.
- W<outputfile>** Specifies the full path of a file in which to redirect output.

Explanation: No additional information is available for this message.

GLPL2D002E **ldif2db: entry ending on line *line number* in ldif file *filename* does not have a proper separator. The entry is ignored.**

Explanation: The entries in the LDIF file must be separated by a blank line. The entry that ends at the specified line number does not have a blank line as the separator.

Operator Response: Correct the error in the entry and reload the entries affected by this error in the ldif file.

GLPL2D003I **ldif2db: *number_added* entries have been processed.**

Explanation: No additional information is available for this message.

GLPL2D004E **ldif2db: Cannot authenticate DN and password.**

Explanation: The credentials entered were not valid. There was an error verifying the dn and password.

Operator Response: Enter a valid dn and password.

GLPL2D005E **ldif2db failed on *file_operation* to file: *file*.**

Explanation: The ldif2db utility failed on the operation specified to the file indicated.

Operator Response: Check the file indicated for the operation which failed and correct the problem.

GLPL2D006E **Please disconnect other applications from the directory database and restart ldif2db.**

Explanation: The ldif2db utility cannot be run when other applications are attached to the directory database.

Operator Response: Make sure that IBM Tivoli Directory Server is not running and that there are no other applications attached to the directory database.

GLPL2D007E **Database is set to read-only in the IBM Tivoli Directory Server configuration file, no entries can be loaded.**

Explanation: The utility cannot add any entries to the directory database because the database is configured to allow only reads, not updates.

Operator Response: Change the LDAP server configuration to allow updates if there are entries to be loaded.

GLPL2D008E **The attribute *attribute name* on line *line number* is not preceded by a dn.**

Explanation: The ldif file has an entry that does not begin with a distinguished name (DN).

Operator Response: Verify the name and format of the specified ldif file.

GLPL2D009E Importing the entry *dn* is not supported by ldif2db.

Explanation: The specified DN is not in a name space that can be imported to. ldif2db only supports importing to rdbm-type backends.

Operator Response: Specify a different DN under a different suffix that supports import.

GLPL2D010E Importing the entry *dn* is not supported by ldif2db.

Explanation: The specified DN is not in a name space that can be imported to. ldif2db only supports importing to rdbm-type backends.

Operator Response: Specify a different DN under a different suffix that supports import.

GLPL2D011E The -i option is required.

Explanation: Did not specify the -i option, which is the input file for ldif2db.

Operator Response: Specify the -i option. Use the -? option to see the usage for the ldif2db command.

GLPL2D012E The -r option value must be 'yes' or 'no'.

Explanation: Specified an invalid parameter with the -r option.

Operator Response: Specify 'yes' or 'no' with the -r option. Use the -? option to see the usage for the ldif2db command.

GLPL2D013E The -W option requires a file name to be specified.

Explanation: Specified the -W option without a file name.

Operator Response: Specify a filename with the -W option. Use the -? option to see the usage for the ldif2db command.

GLPL2D014E Suffix entry has not been created for entry *DN of entry*.

Explanation: The entry cannot be added to the directory because there is no defined suffix for it. To add the entry, there must be a suffix defined that either matches the entry or is an ancestor of it.

Operator Response: Correct the DN of the entry to be imported or define an appropriate suffix and retry the ldif2db request.

GLPL2D015E Open file error, cannot find input file *filename*.

Explanation: The running program cannot find the specified input LDIF file.

Operator Response: Verify the name of the input file and try again.

GLPL2D016E An error occurred during rdbm backend initialization, rc = *error code*.

Explanation: ldif2db or db2ldif encountered an error while initializing the rdbm database backend.

Operator Response: Make sure that a DB2 database has been properly configured. If the problem cannot be resolved, contact service.

GLPL2D017E ldif2db unable to run because of initialization error.

Explanation: ldif2db is unable to start because of an initialization error.

Operator Response: View earlier error message to see why ldif2db did not run. If no previous error message was printed, contact IBM support.

GLPL2D018E Input file contains invalid data at line *line number*.

Explanation: The ldif file has an entry that contains an invalid line.

Operator Response: Verify the name and format of the specified ldif file.

GLPLNK001I

Usage: *PROGNAME* [-i -g -l bits -s mode [-n] [-q] [-f]] | -v | -h

-h This usage

-v Display the version of this script

[-n] Pretend option - Display what links will be set

-i Create links for ibm specific client command utilities only

-g Create links for non-ibm specific client command utilities only

-l bits Create links for client library files

- where bits is 32 or 64

-s mode Create links for server command utilities

- where mode is proxy or fullsrv

[-q] Quiet mode option

[-f] Force setting links option

- This option can be used when there are conflicts

For example, /usr/bin/ldapsearch

- This will override existing files or links,

and any conflict will be backed up

Explanation: No additional information is available for this message.

GLPLNK002I

Usage: *PROGNAME* [-i -g -l bits -s mode [-n] [-q]] | -v | -h

-h This usage

-v Display the version of this script

[-n] Pretend option - Display what links will be removed

-i Remove links for ibm specific client command utilities only

-g Remove links for non-ibm specific client command utilities only

-l bits Remove links for client library files

- where bits is 32 or 64

-s mode Remove links for server command utilities

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- where mode is proxy or fullsrv

[-q] Quiet mode option

Explanation: No additional information is available for this message.

GLPLNK003I Backing up: *Original File Name to Backup File Name*

Explanation: No additional information is available for this message.

GLPLNK004E Error - You must be the root user to execute this script.

Explanation: The link script cannot execute because user is not root.

Operator Response: Login as root user and run the link script again.

GLPLNK005I Program: *PROGNAME* **Version:** *idslink version* **is executed on:** *Current Date*

Explanation: No additional information is available for this message.

GLPLNK006E Error - Not a supported platform: *OS*

Explanation: This link script can only be run on Linux, AIX®, Solaris and HP-UX.

Operator Response: Check your platform type by executing this command: uname.

GLPLNK007E Error - Unexpected program name: *PROGNAME*

Explanation: Program name must be idslink or idsrmlink.

Operator Response: Rename the program to idslink or idsrmlink and try again.

GLPLNK008I Program: *PROGNAME* **is running in pretend mode**

Explanation: No additional information is available for this message.

GLPLNK009I PROGNAME version is: *IDS Version*

Explanation: No additional information is available for this message.

GLPLNK010E Error - Wrong version of PROGNAME. The correct version must be: *Version Dir*

Explanation: A different version of this link script exists on your system.

Operator Response: Find the correct version and try again.

GLPLNK011I Setting link: *File To Link From -> File To Link To*

Explanation: No additional information is available for this message.

GLPLNK012I Found existing file or directory: *Existing File or Dir*

Explanation: No additional information is available for this message.

GLPLNK013W Target file not found: *Target File*

Explanation: This link script tried to set a symbolic link to the target file and failed.

Operator Response: If this link is needed, please verify the target file path and create link manually.

GLPLNK014I Found existing link: *Existing Link*

Explanation: No additional information is available for this message.

GLPLNK015I Removing link: *Link To Remove*

Explanation: No additional information is available for this message.

GLPLNK016E Error - Bitmode=BITMODE is not a supported bit mode.

Explanation: Client library files are shipped with 32 bits or 64 bits only.

Operator Response: Provide correct bit mode to the client libraries option, and try again.

GLPLNK017E Error - Fail to execute: *command to execute*

Explanation: Failed to execute the specified command.

Operator Response: See the program log file for details of failure.

GLPLNK018W Not setting this link: *link to set*

Explanation: An existing link or file or directory was found, but it was not replaced.

Operator Response: To override the existing link or file or directory with new link, rerun with force option.

GLPLNK019E Error - Cannot set and remove link in one command.

Explanation: Setting link and removing link options are mutually exclusive.

Operator Response: Please rerun with setting link option or removing link option on separate commands.

GLPLNK020E Error - Option was not correctly specified.

Explanation: Specified an option incorrectly.

Operator Response: Please correct the usage option and try again.

GLPLNK021E Error - Invalid argument=option argument

Explanation: See usage for detail.

Operator Response: Provide correct argument option, and try again.

GLPLNK022I Setting links for *set description*

Explanation: No additional information is available for this message.

GLPLNK023W Overriding conflict of *set description*
is not allowed because pre-6.0 Directory Server exists

Explanation: A version of Directory Server prior to Version 6.0 exists on the system.

Operator Response: Uninstall the older version of Directory Server, and try again.

GLPLNK024I Overriding conflict of *set description*

Explanation: No additional information is available for this message.

GLPLNK025W Conflicts found. Cannot set links for *set description*

Explanation: Conflicts exist.

Operator Response: Rerun with force option.

GLPLNK026I IDS client command utilities

Explanation: No additional information is available for this message.

GLPLNK027I Client command utilities

Explanation: No additional information is available for this message.

GLPLNK028I Client libraries - 64 bit in name

Explanation: No additional information is available for this message.

GLPLNK029I Client libraries - 64 bit

Explanation: No additional information is available for this message.

GLPLNK030I Client libraries - 32 bit

Explanation: No additional information is available for this message.

GLPLNK031I Proxy server command utilities

Explanation: No additional information is available for this message.

GLPLNK032I Full server command utilities

Explanation: No additional information is available for this message.

GLPLNK033I No translation message available

Explanation: The executable binary tbindmsg is not installed or could not be found.

Operator Response: Install the bit package that has the executable tbindmsg and try again.

GLPLNK034I libldap

Explanation: No additional information is available for this message.

GLPLNK035E Lists to copy is empty or corrupted

Explanation: This is an internal error. Global static link lists to copy are corrupted or empty.

Operator Response: Check the script if the global lists are not corrupted or empty.

GLPLNK036E From and to lists to copy have unmatched number of elements

Explanation: This is an internal error. Global static link lists do not have the same number of elements.

Operator Response: Check the script if the global from lists and to lists have the same number of elements.

GLPMIG001I

Command to migrate a directory server instance.

Usage: *program name* [-I instancename -u backupdir [-e encryptseed] [-p port]

[-s secureport] [-a admport] [-c admsecureport] [-t dbinstance]


```
[-i ipaddress] [-l instlocation] [-r description]
[-d debuglevel] [-b outputfile] [-q] [-n]] | -v | -?
```

where:

- ? Displays this help screen.
- a<admport> The port the Admin Daemon will listen on.
- b<outputfile> Specifies the full path of a file in which to
 redirect output. If this option is used in conjunction with
 the -q option, only errors will be sent to the file.
 If debugging is turned on, debug output will be sent
 to this file also.
- c<admsecureport> Specify the secure port the Admin Daemon will listen on.
- d<debuglevel> Sets the debug level in the LDAP library.
 Use in conjunction with the ldtrc command.
- e<encryptseed> The seed to be used to create the key stash files
 for the directory server instance.
- i<ipaddress> Specifies the IP addresses to which the directory server
 instance will bind. If more than one is specified,
 the comma separator is required with no spaces. Use
 the key word 'all' to specify to use all available
 IP addresses. All available IP addresses is assumed if
 this option is not specified.
- I<instancename> Specifies the name of the directory server
 instance to create/migrated. The instance name must be an
 existing user ID on the machine and must be no greater
 than 8 characters in length.

Explanation: No additional information is available for this message.

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- l<instlocation> The location to store the directory server instance's
 configuration files and logs. On Windows, this option is
 required and a drive letter must be specified. There must

- be at least 30 MB free.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- p<port>** The port of the directory server instance.
- q** Run in quiet mode. All output except errors are suppressed. If the **-d** option is also specified, trace output is not suppressed.
- r<description>** A description of the directory server instance.
- s<secureport>** The secure port of the directory server instance.
- t<dbinstance>** DB2 database instance name. The database instance name is also the DB2 instance owner ID. By default, the database instance name is assumed to be the same as the directory server instance owner ID. If there is database instance information in the backed up configuration file that is still valid for the system, that information will be used instead.
- u<backupdir>** The directory where the schema and configuration files to be migrated have been saved.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPMIG003E Specified a backup directory, '*directory*', that does not exist or is not accessible.

Explanation: An invalid backup directory was specified for migrating an older directory server instance.

Operator Response: Specify a directory which exists and contains configuration and schema files that can be migrated.

GLPMIG004E Cannot read V3.modifiedschema file in the '*directory*' directory.

Explanation: The V3.modifiedschema file in the given directory cannot be read.

Operator Response: Ensure that the V3.modifiedschema file exists in the backup directory, as the migration utility will copy it from that location.

GLPMIG005E Unable to modify V3.modifiedschema file with information in '*filename*' file.

Explanation: The V3.modifiedschema file cannot be modified to have the OIDs listed in the given file removed.

Operator Response: Ensure that the installation is complete and all files have been installed.

GLPMIG006E Unable to copy file '*filename1*' to '*filename2*'.

Explanation: File cannot be copied.

Operator Response: Ensure that source exists and is accessible. Ensure that target directory exists and is accessible.

GLPMIG007E Unable to create file, '*filename*'.

Explanation: File cannot be created.

Operator Response: Ensure that target directory exists and is accessible.

GLPMIG008I The excluded OIDs defined for this migration path have successfully been removed from the V3.modifiedschema file in directory, '*directory*'.

Explanation: There is a set of OID definitions for a particular migration path that must be removed from the V3.modifiedschema file. This is necessary so that the definitions in the V3.modifiedschema file are consistent with the end version for migration.

GLPMIG009E Unable to read file, '*file*', in directory, '*directory*'.

Explanation: File cannot be read in.

Operator Response: Ensure target file exists and is readable.

GLPMIG010E Unable to copy file '*filename1*' to '*filename2*' file.

Explanation: File cannot be copied.

Operator Response: Ensure that source file exists and is accessible. Ensure that target directory exists and is accessible.

GLPMIG011E Unable to read file, '*filename*'.

Explanation: File cannot be read.

Operator Response: Ensure that target file exists and is readable.

GLPMIG012E Unable to delete file, '*filename*'.

Explanation: File cannot be deleted

Operator Response: Manual removal of file may be necessary.

GLPMIG013E Unable to write file, '*filename*', to directory, '*directory*'.

Explanation: File cannot be written.

Operator Response: Ensure that target directory exists and is accessible.

GLPMIG014E Unable to read in schema files from directory, '*directory*'.

Explanation: Cannot read necessary schema files from given directory. Migration cannot continue.

Operator Response: Ensure schema files are in the given directory.

GLPMIG015E Unable to write schema files to directory, '*directory*'.

Explanation: Schema files cannot be written to directory given. Migration cannot continue.

Operator Response: Ensure directory exists and can be written to.

GLPMIG016E The location for the directory server instance '*instance name*' cannot be found.

Explanation: Tried to migrate into a directory server instance, but cannot find the location for the directory server instance.

Operator Response: Ensure that the directory server instance exists or has been successfully created during migration.

GLPMIG017E Unable to migrate the schema files from version '*starting version*' to version '*ending version*'.

Explanation: Tried to migrate a directory server instance and was unable to migrate the schema files to the new version.

Operator Response: Ensure that the backup files are present and the current version is correctly installed.

GLPMIG018I Successfully migrated the schema files from version '*starting version*' to version '*ending version*'.

Explanation: No additional information is available for this message.

GLPMIG019E Files in backup directory, '*directory*', are determined to be of version, '*version*'. This is an unsupported migration path.

Explanation: Unable to migrate from the IBM Directory Server version given.

Operator Response: Ensure that the correct version of the files are in the given back up directory. Otherwise, this is not a supported migration path. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for supported migration paths.

GLPMIG020E Unable to locate file, '*filename*', in directory, '*directory*'.

Explanation: A file necessary for migration cannot be located in the backup directory.

Operator Response: Ensure all files are backed up and try migration again. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for the list of files needed for migration.

GLPMIG021I Successfully verified files needed for migration exist in backup directory, '*directory*'.

Explanation: No additional information is available for this message.

GLPMIG022E All necessary files for directory server instance, '*instance name*', cannot be found in directory, '*directory*'.

Explanation: One or more of the base schema and configuration files for the directory server instance cannot be found in the location for that instance.

Operator Response: Ensure that the directory server instance is successfully created. Refer to the IBM Tivoli Directory Server Problem Determination Guide for assistance with error from the directory server instance creation.

GLPMIG023W Migration has checked the V3.modifiedschema file against the base schema files for any definition collisions. If any collisions are reported, these must be resolved prior to starting the server.
'collisions'

Explanation: If there are any schema definitions in the V3.modifiedschema file that collide with definitions in other included schema files, there will be errors at server start up. These collisions must be resolved for the server to function correctly.

Operator Response: If any collisions were reported during migration, edit the schema files and resolve the colliding definitions.

GLPMIG024E Unable to migrate the configuration file from version '*starting version*' to version '*ending version*'.

Explanation: Tried to migrate a directory server instance and was unable to migrate the configuration file to the new version.

Operator Response: Ensure that the configuration file from the previous version has been backed up and that the backed up file is from a valid IBM Directory Server configuration. Verify that the current IBM Directory Server installation is complete.

GLPMIG025I Successfully migrated the configuration file from version '*starting version*' to version '*ending version*'.

Explanation: No additional information is available for this message.

GLPMIG026E Unable to read in configuration file, '*filename*'.

Explanation: Cannot read necessary configuration file. Migration cannot continue.

Operator Response: Ensure the given file exists and is readable.

GLPMIG027I Successfully migrated the directory server instance, '*instance name*' , to version '*version*'.

Explanation: No additional information is available for this message.

GLPMIG028I Migrating schema and configuration files from version, '*starting version*' , to version '*ending version*'.

Explanation: No additional information is available for this message.

GLPMIG029I Data from directory '*directory name*' will be migrated into the new directory server instance.

Explanation: No additional information is available for this message.

GLPMIG030W The files in the backup directory, '*directory name*', are determined to be from version 3.2.2. Due to database compatibility issues, any database information contained in the configuration file will not be migrated.

Explanation: Compatibility issues exists between version 3.2.2 database and later versions. Database information and configuration from version 3.2.2 cannot be preserved. This is detailed in the IBM Tivoli Directory Server Installation and Configuration Guide.

Operator Response: Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for migration steps from version 3.2.2.

GLPMIG031I The DB2 database instance from the backed up configuration file cannot be found on the system. All database information will be removed during migration and will not be in the migrated configuration file.
Do you want to....

(1) - Continue with migration and remove all database information from the configuration file, or

(2) - Exit this task without changes:

Explanation: No additional information is available for this message.

GLPMIG032I The database from the backed up configuration file cannot be found on the system. The information for this database will be removed during migration and will not be in the migrated configuration file.
Do you want to....

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(1) - Continue with migration and remove the database information from the configuration file, or

(2) - Exit this task without changes:

Explanation: No additional information is available for this message.

GLPMIG033I The Change Log database from the backed up configuration file cannot be found on the system. The information for this database will be removed during migration and will not be in the migrated configuration file.
Do you want to....

(1) - Continue with migration and remove the Change Log database information from the configuration file, or

(2) - Exit this task without changes:

Explanation: No additional information is available for this message.

GLPMIG034E The -u option is required and is used to specify the backup directory.

Explanation: The -u option was not specified and it is required.

Operator Response: Specify the -u option. Use the -? option to see the syntax for the command.

GLPMIG035I Files in backup directory, '*directory*', are determined to be of version, '*version*'. Migration will continue based on this migration path.

Explanation: No additional information is available for this message.

GLPMIG036W The log file name and path information from the backed up configuration file will not be preserved by migration. Log file names and paths will be updated to be specific for a directory server instance.

Explanation: Due to multiple directory server instances supported on a system, the log files have been relocated to the log directory for a particular directory server instance. In some cases, the log file names have also been changed.

Operator Response: The path and name changes must be noted and reflected in any applications that might depend on them.

GLPMIG037I The DB2 database instance, '*database instance*', from the backed up configuration file has been found on the system. The information for this database instance will be preserved in the migrated configuration file.

Explanation: No additional information is available for this message.

GLPMIG038I The database, '*database name*', from the backed up configuration file has been found on the system. The information for this database will be preserved in the migrated configuration file.

Explanation: No additional information is available for this message.

GLPMIG039I The Change Log database, '*database name*', from the backed up configuration file has been found on the system. The information for this database will be preserved in the migrated configuration file.

Explanation: No additional information is available for this message.

GLPMIG040E The DB2 database instance listed in the backed up configuration file cannot be found on the system.

Explanation: A DB2 database instance is listed in the backed up configuration file, but cannot be found on the system. User cannot be prompted as command was run in no-prompt mode and processing has stopped.

Operator Response: Run the command without the -n option, or edit the backed up configuration file, removing the database information, and try again.

GLPMIG041E The database name listed in the backed up configuration file cannot be found on the system.

Explanation: A database name is listed in the backed up configuration file, but cannot be found on the system. User could not be prompted as command was run in no-prompt mode and processing has stopped.

Operator Response: Run the command without the -n option, or edit the backed up configuration file, removing the database information, and try again.

GLPMIG042E The Change Log database name listed in the backed up configuration file cannot be found on the system.

Explanation: A Change Log database name is listed in the backed up configuration file, but cannot be found on the system. User cannot be prompted as command was run in no-prompt mode and processing has stopped.

Operator Response: Run the command without the -n option, or edit the backed up configuration file, remove the database information, and try again.

GLPMIG043W Not all of the schema files included in the configuration file have been found in the backup directory. Check the file names and paths for the included schema files prior to starting the server.

Explanation: Not all of the schema files included in the configuration file have been found in the backup directory. Please check the file names and paths for the included schema files to ensure they can be found. The server will not start successfully if all the files specified cannot be found on the system.

Operator Response: Verify paths and names for included schema files are correct in the configuration file and the files exist on the system.

GLPMIG044W The file, '*file name*', is included in the configuration file but could not be found in the given backup directory, '*directory*'.

Explanation: The listed file is included in the configuration file, but was not found in the given backup directory. The configuration file will need to be edited to contain the correct path to the file. The server will not start correctly if it cannot find all included schema files.

Operator Response: Update the configuration file to contain the correct path to the schema file.

GLPMIG045I The schema file, '*filename*', has been copied to the directory, '*directory*', and the path in the configuration file has been updated accordingly.

Explanation: No additional information is available for this message.

GLPMIG046E The DB2 database instance, '*instance name*', from the backed up configuration file was found on the system. However, a matching user ID does not exist on the operating system.

Explanation: The DB2 instance owner ID with the same name as the specified DB2 instance name in the backed up configuration file does not exist on the system.

Operator Response: Create a user with the same name as the specified DB2 instance name or remove the DB2 instance information from the backed up configuration file.

GLPMIG047W The database instance name, '*database instance name*', is being overridden by the database instance information from the backed up configuration file. The database instance name, '*database instance name*' will be used instead.

Explanation: There was database instance information in the backed up configuration file that will be used instead of the database instance name specified by the idsimigr command.

Operator Response: If a database instance other than the one currently configured with the directory server instance is needed, please unconfigure the current database instance and reconfigure with the desired database instance.

GLPMIG048W The schema files were not migrated and must be migrated manually.

Explanation: There was a problem migrating the schema files, or schema file migration is not supported. The schema files must be migrated manually for migration to complete.

Operator Response: Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for instructions on manual schema file migration.

GLPPRT001I Command to set the ports that a directory server instance binds to.

Usage: *program name* [-I instancename

[-p port] [-s secureport] [-a admport] [-c admsecureport]
 [-d debuglevel] [-b outputfile] [-q [-n]] | -v | -?

where:

- ? Displays this help screen.
- a<admport> Specifies the port the IBM the directory server instance's Admin Daemon will listen on.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- c<admsecureport> Specifies the secure port the directory server instance's Admin Daemon will listen on.
- d<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- I<instancename> Specifies the name of the directory server instance to update.
- n Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- p<port> Specifies the port the directory server instance will

- listen on.**
- q** Run in quiet mode. All output except errors are suppressed.
If the **-d** option is also specified, trace output is not suppressed.
- s<secureport>** Specifies the secure port on which the directory server instance will listen.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPPRT002E An internal error occurred while running the `idssetport` command.

Explanation: An internal error occurred while running `idssetport` command. This might have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPPRT003W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information on the exact error.

GLPPRT004I The directory server instance's port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPPRT005I The directory server instance's secure port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPPRT006I The directory server instance's Admin Daemon port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPPRT007I The directory server instance's Admin Daemon secure port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPPRT008I Setting port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT009I Set port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT010E Failed to set port to *'port number'* for directory server instance: *'instance name'*.

Explanation: An internal error occurred while trying to change the directory server port.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPPRT011I Setting secure port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT012I Set secure port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT013E Failed to set secure port to *'port number'* for directory server instance: *'instance name'*.

Explanation: An internal error occurred while trying to change the directory server secure port.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPPRT014I Setting Admin Daemon port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT015I Set Admin Daemon port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT016E Failed to set Admin Daemon port to *'port number'* for directory server instance: *'instance name'*.

Explanation: An internal error occurred while trying to change the Admin Daemon port.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPPRT017I Setting Admin Daemon secure port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT018I Set Admin Daemon secure port to *'port number'* for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPPRT019E Failed to set Admin Daemon secure port to *'port number'* for directory server instance: *'instance name'*.

Explanation: An internal error occurred while trying to change the Admin Daemon secure port.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPPRT020E The port number specified by the **-a** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not an integer.

Operator Response: When using the **-a** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPPRT021E The port number specified by the **-c** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not an integer.

Operator Response: When using the **-c** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPPRT022E The port number specified by the **-p** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not a integer.

Operator Response: When using the **-p** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPPRT023E The port number specified by the **-s** option must be an integer greater than 0 and less than or equal to 65535.

Explanation: Specified a port number that is less than 0 or greater than 65535 or was not an integer.

Operator Response: When using the **-s** option, specify port numbers that are greater than 0 and less than or equal to 65535.

GLPPRT024E The port numbers specified by the **-a**, **-c**, **-p**, or **-s** options must not match each other and must not cause a conflict between any ports in the configuration file of the directory server instance.

Explanation: Specified ports that will conflict for the directory server instance.

Operator Response: Specify unique ports numbers.

GLPPRT025E Port '*port number*' is already being used by another directory server instance.

Explanation: Specified a port is being used by another directory server instance.

Operator Response: Specify a port that is not being used in any other directory server instance.

GLPPRT026E The **-a**, **-c**, **-p**, or **-s** option is required to specify a port to configure.

Explanation: The **-a**, **-c**, **-p**, or **-s** option was not specified and it is required.

Operator Response: Specify the **-a**, **-c**, **-p**, or **-s** option. Use the **-?** option to see the syntax for the command.

GLPPRT027W The Admin Daemon for the directory server instance is currently running and must be restarted for the change to the port to take effect.

Explanation: The Admin Daemon for the directory server instance was running when the port was reconfigured. Therefore, it must be restarted in order to bind to the new port.

Operator Response: Stop the Admin Daemon of the directory server instance using the **ibmdirctl** command and then start the Admin Daemon again using the **ibmdiradm** command.

GLPPRT028W The Admin Daemon for the directory server instance is currently running and must be restarted for the change to the secure port to take effect.

Explanation: The Admin Daemon for the directory server instance was running when the secure port was reconfigured. Therefore, it must be restarted in order to bind to the new secure port.

Operator Response: Stop the Admin Daemon of the directory server instance using the **ibmdirctl** command and then start the Admin Daemon again using the **ibmdiradm** command.

GLPPXY001E Unable to connect to backend server *host name* on port *port number*. Please verify that the backend server is started.

Explanation: The LDAP Proxy Server was unable to connect to the specified backend server for proxying data. The program continues. Proxying to the specified server cannot continue.

Operator Response: Verify that the backend server is started, or contact the operator to start the backend server. Verify that the backend server information is correct.

GLPPXY002E • GLPPXY010E

GLPPXY002E The URL *ldap:// qualified URL* is invalid.

Explanation: The LDAP Proxy Server was unable to parse the URL in the configuration file.

Operator Response: Verify that the URL is entered in correctly. Fix any errors.

GLPPXY003I Successfully established communication with backend server *host name* on port *port number*.

Explanation: No additional information is available for this message.

GLPPXY004E Connection to backend server *host name:port number* is down.

Explanation: The LDAP Proxy Server's connection with the associated backend server has been disconnected.

Operator Response: Verify that the network between the proxy server and backend server is up. Verify that the backend server is running, and also verify that an administrator can bind to the backend server.

GLPPXY005E The bind method "*bind method*" specified under *config DN section* is invalid. Reverting to SIMPLE bind.

Explanation: The specified bind method is not valid.

Operator Response: The bind method specified in the configuration file must be one of KERBEROS, DIGEST or SIMPLE. Verify that the configuration file matches one of these values.

GLPPXY006E The specified proxy connection pool size *number of connections* in section *config file dn* is invalid.

Explanation: The specified pool size is not valid

Operator Response: Verify that the connection pool size in the configuration file is not negative.

GLPPXY007E The specified server *host name* can not be contacted after *attempts* attempts. Server will be unavailable.

Explanation: The specified backend server is not able to be contacted after a certain number of attempts. No further attempts will be made to contact it.

Operator Response: Verify that the server is working, then restart the LDAP Proxy Server

GLPPXY008E The server *host name:port* does not support the required control *OID*.

Explanation: The specified backend server does not support the control mentioned. This occurs if the server is backlevel.

Operator Response: Verify that the configuration file points to a valid, running IBM Tivoli Directory Server that supports this control.

GLPPXY009E The server *host name:port* does not support the required capability *OID*.

Explanation: The specified backend server does not support the capability mentioned. This occurs if the server is backlevel.

Operator Response: Verify that the configuration file points to a valid, running IBM Tivoli Directory Server that supports this capability.

GLPPXY010E The configuration file does not contain any entries for backend servers. No data will be available.

Explanation: No servers were defined in the configuration file for the proxy server to use. Without valid server definitions, the proxy server can not be used.

Operator Response: Properly define your distributed topology in the configuration file so that the proxy server can function properly. Reference the Install and Configuration manual for more information.

GLPPXY011E Proxy server is unable to bind to host *host name* using the credentials *bind DN used*.

Explanation: The credentials supplied for binding to the backend server are invalid.

Operator Response: Verify that the credentials supplied for the backend server are valid, and that the credentials specify either the root administrator or a local administrative group member.

GLPPXY012E The credentials *bind DN used* supplied for host *host name* are not administrative.

Explanation: The credentials supplied for binding to the backend server are neither an administrative group member nor a root administrator.

Operator Response: Verify that the credentials supplied for the backend server are valid, and that the credentials specify either the root administrator or a local administrative group member.

GLPPXY013E There are no data partitions defined in the configuration file. No data will be available

Explanation: No data partitions were defined. As a result, the proxy can not route any requests.

Operator Response: Add data partitions that are valid. Refer to the Install and Configuration guide for more information on setting up a distributed topology.

GLPPXY014E The specified DN *object DN* is not held in any of the proxied contexts.

Explanation: The DN of the referenced object is not held in any namespace the proxy server has knowledge of. More than likely, the topology is defined improperly in the configuration file.

Operator Response: Verify that the configuration file contains a complete distributed topology, and that it matches what the expected deployment. Reference the Install and Configuration manual for more information.

GLPPXY015E A referral was returned while performing an operation on *object DN*. .

Explanation: While attempting to perform an operation on the specified object, an LDAP referral was returned. This indicates that the topology settings in the proxy server are incorrect.

Operator Response: Verify that the configuration of the proxy server matches the distributed topology. Refer to the Installation and configuration manual for information on setting up a distributed directory.

GLPPXY016E The backend server *server ID* is down.

Explanation: The specified backend server is currently down, and is unable to be reached via the network. Until the server is brought back online and the proxy server restarted, no requests can be routed to that host.

Operator Response: Verify that the backend server is running and is reachable from the proxy server's network.

GLPPXY017E Error *error string* occurred for backend server '*server ID*': GSSAPI bind failed using principal name '*dn*'.

Explanation: The proxy server was trying to use the principal name to perform a GSSAPI bind with the backend server, but failed.

Operator Response: Verify that the proxy server is properly configured to accept kerberos connections. Also verify that the proxy server's principal name is in the global admin group.

GLPPXY018E The DN *original entry DN* can not be modified to *new object DN*.

Explanation: The DN specified can not be changed to the new DN, as a move across backend servers would be required.

Operator Response: Consider a different mod-rdn change, or delete, and then add the entry back with the new DN.

GLPPXY019E Entry DN of entry specified on bind does not exist.

Explanation: The bind failed because the DN specified did not correspond to an existing entry in the directory. The password cannot be verified if the entry is not found.

Operator Response: Correct the DN in the bind request and try again.

GLPPXY020E Entry DN of entry specified on compare does not exist.

Explanation: The compare failed because the DN specified did not correspond to an existing entry in the directory. Attribute values cannot be compared if the entry is not found.

Operator Response: Correct the DN in the compare request and try again.

GLPPXY021E Entry DN of entry to be deleted does not exist.

Explanation: The delete failed because the DN specified did not correspond to an existing entry in the directory.

Operator Response: Correct the DN in the delete request and try again.

GLPPXY022E Entry DN of entry to be modified does not exist.

Explanation: The modify failed because the DN specified did not correspond to an existing entry in the directory.

Operator Response: Correct the DN in the modify request and try again.

GLPPXY023E Entry DN of entry to be renamed or moved does not exist.

Explanation: The modifyDN failed because the DN specified did not correspond to an existing entry in the directory.

Operator Response: Correct the DN in the modifyDN request and try again.

GLPPXY024E The entry object DN already exists.

Explanation: The specified entry cannot be added to the DIT because it already exists.

Operator Response: Check the entry DN to ensure that it is correct, and retry.

GLPPXY025E The server server ID is down. Failing over to server server ID.

Explanation: The first specified server is no longer reachable via the network. As a result the proxy server is retrying on the second server.

Operator Response: Restart the down server, then restart the proxy server. Verify that connectivity has been established.

GLPPXY026E The value of `ibm-slapdProxyNumPartitions` in entry `config file entry DN` must be greater than zero.

Explanation: The user attempted to create a distributed container with 0 or less partitions.

Operator Response: Modify the parameter to contain more than 0 partitions.

GLPPXY027E The DN `config entry DN` specified for attribute `attribute name` in entry `config entry DN` is invalid.

Explanation: The user attempted to place an invalid DN as a value for an attribute in the configuration file.

Operator Response: Fill in a valid DN value for the attribute wherever it is found in the configuration file.

GLPPXY028E The DN *Backend Server config entry DN* is not located anywhere in the configuration file.

Explanation: The user attempted to place an invalid DN in the configuration file for referencing a backend server section.

Operator Response: Fill in a valid DN value for the `ibm-slapdProxyBackendServerDn` attribute wherever it is found in the configuration file.

GLPPXY029E The value of `ibm-slapdProxyPartitionIndex` in entry *config file entry DN* must be greater than zero.

Explanation: The user attempted to create a partition with a value less than one.

Operator Response: Modify the parameter to contain an index greater than zero.

GLPPXY030E The server *host name:port* does not support the required extension *OID*.

Explanation: The specified backend server does not support the extended operation mentioned. This occurs if the server is backlevel.

Operator Response: Verify that the configuration file points to a valid, running IBM Tivoli Directory Server that supports this extension.

GLPPXY031E All backend servers in server group *DN* are down.

Explanation: All backend servers in the group are currently down, and are unable to be reached via the network. Until one of the servers is brought back online and the proxy server restarted, no requests can be routed to this partition of the DIT.

Operator Response: Verify that the backend servers are running and are reachable from the proxy server's network.

GLPPXY032I The server group *DN* is available. Proxy Server startup continuing.

Explanation: At least some of the backend servers in the specified group are online. Proxy processing can continue.

Operator Response: None.

GLPRDB001E Error code *error_code* from function:" *SQL function* " error message .

Explanation: The LDAP Server received an error when performing DB2 operations. The request failed. There may be an additional message with information about SQL return codes.

Operator Response: See file named as the attribute value for the `ibm-slapdCLIErrors` attribute in directory server instance configuration as for details about the error and corrective actions.

GLPRDB002W *utility program name: number added* entries have been successfully added out of *number attempted* attempted.

Explanation: The utility successfully added the specified number of entries to the directory.

Operator Response: See file named as the attribute value for the `ibm-slapdErrors` in server configuration for details about the errors if the number added is less than the number to be added.

GLPRDB003E *database name* parameter is missing from LDAP directory configuration file.

Explanation: The LDAP directory configuration file is missing the database name.

Operator Response: Run an IBM Directory Server configuration utility to configure the directory server instance and try again.

GLPRDB004E The LDAP directory server is unable to connect to the database.

Explanation: The LDAP Server cannot connect to the database used to store the directory data.

Operator Response: Make sure the database instance and database named in the LDAP server configuration file exist and that the database instance can be started. Verify that the user ID and password in the configuration are correct.

GLPRDB005E DN does not have permission to all parts of the filter or the RDN. The search operation cannot return any results.

Explanation: The LDAP Server cannot return the requested data because the requester is not permitted to read all of the data requested.

Operator Response: Modify the request and try again. If access to the data is needed, contact the Administrator.

GLPRDB006E Only one attribute-value pair can be compared at a time.

Explanation: The LDAP Server cannot complete the request because more than one attribute-value pair is being compared in the request.

Operator Response: Modify the request and try again.

GLPRDB007E When adding the ownerPropagate field, the entryOwner field must also be added.

Explanation: The LDAP Server cannot complete the request because the request is attempting to add the ownerPropagate flag without also adding the entryOwner field.

Operator Response: Modify the request and try again.

GLPRDB008E When adding the aclPropagate field, the aclEntry field must also be added.

Explanation: The LDAP Server cannot complete the request because the request is attempting to add the aclPropagate flag without also adding the aclEntry field.

Operator Response: Modify the request and try again.

GLPRDB009E An explicit ACL must be set in order to change or delete this attribute value.

Explanation: The LDAP Server cannot complete the request because an explicit ACL does not exist.

Operator Response: Modify the request and try again.

GLPRDB010E An explicit owner must be set in order to change or delete this attribute value.

Explanation: The LDAP Server cannot complete the request because an explicit owner does not exist.

Operator Response: Modify the request and try again.

GLPRDB011E Cannot delete and change the same attribute.

Explanation: The LDAP Server cannot complete the request because the request is attempting to both delete and modify the same attribute.

Operator Response: Modify the request and try again.

GLPRDB012E The object operation permission specified is not valid. Valid permissions are 'a' and 'd'.

Explanation: The LDAP Server cannot complete the request because the permissions be specified for the object are not correct.

Operator Response: Correct the permissions in the request and try again.

GLPRDB013E The DnType *type value* specified in the aclentry is not valid. Valid values are: 'access-id' and 'group'.

Explanation: The LDAP Server cannot complete the request because the DnType specified is not correct.

Operator Response: Correct the request and try again.

GLPRDB014E The prefix *prefix value* specified for a permission set is not valid. Valid prefixes are: 'normal', 'critical', 'sensitive', and 'object'.

Explanation: The LDAP Server cannot complete the request because the prefix specified for the permissions is not correct.

Operator Response: Correct the request and try again.

GLPRDB015E DB2 codepage cannot be determined.

Explanation: The directory server instance cannot determine the codepage used by the DB2 database. Database access will not be available.

Operator Response: 1. Check db2cli.log file and correct any reported errors. 2. If there are no reported errors, issue the following DB2 command: db2 get db cfg for <database name>. 3. Look for Database code page value in the output and set the value to the environment variable DB2CP. 4. Restart the ibmslapd server.

GLPRDB016E DB2 codepage *codepage number* is not supported by the LDAP server.

Explanation: The LDAP server cannot support the codepage used by the DB2 database. Database access will not be available.

Operator Response: Use ldapcfg or ldapxcfg to create the database. You can specify either UTF-8 or local codepage at database creation time. UTF-8 database supports a wide range of characters and provides better performance.

GLPRDB017E XPG4 codepage *codepage number* cannot be opened by LDAP server: *error message*.

Explanation: There is no mapping between the codepage used by the DB2 database and the XPG4 library for translation. Database access will not be available.

Operator Response: Use ldapcfg or ldapxcfg to create the database. You can specify either UTF-8 or local codepage at database creation time. UTF-8 database supports a wide range of characters and provides better performance.

GLPRDB018E Incoming data cannot be fully translated to DB2 codepage: *codepage number*.

Explanation: There is no mapping from the client data to the DB2 database codepage. The client data must be UTF-8 encoded when sent over the wire. If the database is using a local codepage, it is possible that valid UTF-8 characters cannot be properly translated into the local codepage.

Operator Response: 1. Identify and correct the client application that issued the request if the data is not properly encoded in UTF-8. 2. Create the database using UTF-8 database if wider-range character support is desired.

GLPRDB019E Entry *entry DN* cannot be modified.

Explanation: The LDAP Server cannot complete the request because the original entry contains an object class that indicates it contains Enterprise Identity Mapping (EIM) information. Once an entry contains EIM information, the EIM object classes cannot be entirely removed from the entry.

Operator Response: Modify the request so that not all EIM object classes are being removed from the entry and try the request again.

GLPRDB020E Entry *entry DN* cannot be modified.

Explanation: The LDAP Server cannot complete the request because the original entry does not use an object class that indicates that it contains Enterprise Identity Mapping (EIM) information. However, an object class that indicates the entry will contain EIM information was specified on the modify request. If an entry originally does not specify an EIM object class, an EIM object class cannot be added to the entry at a later time.

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Operator Response: Modify the request so that no EIM object classes are being added to the entry and try the request again.

GLPRDB021E The length *length* specified for attribute *attribute* exceeds the maximum schema length.

Explanation: The length specified for the given attribute exceeds the maximum schema length.

Operator Response: Specify a smaller length for the given attribute. The maximum version 3 schema length is 32768.

GLPRDB022E Specified DB2 column length *length* for attribute *attribute* must match the length defined for the attribute syntax.

Explanation: The DB2 column length defined for an attribute must match the length defined for the attribute syntax.

Operator Response: Ensure the DB2 column length defined for the attribute matches the length defined for the attribute syntax.

GLPRDB023W The server is not caching attributes for search filter resolution because not enough memory was configured for attribute caching.

Explanation: Not enough memory has been configured for caching any attributes. All caching of attributes has been removed. Searches will continue to operate correctly, but their performance might not be as fast as it would be if attribute caches were used.

Operator Response: Reconfigure the server to increase the amount of memory for attribute caching.

GLPRDB024E The server cannot load attribute caching because an internal error occurred.

Explanation: The server cannot load attribute caching because of an internal error. Searches will continue to operate correctly, but their performance might not be as fast as it would be if attribute caches were used.

Operator Response: Restart the server. If the error continues, contact service.

GLPRDB025E The server cannot cache the objectclass attribute when the environment variable OC_ALIAS is set to Yes.

Explanation: Caching the objectclass attribute while the environment variable OC_ALIAS is set to Yes is not supported. The cache for the objectclass attribute was not created. Searches will continue to operate correctly, but the performance of searches using the objectclass attribute might not be as fast as when OC_ALIAS is set to No and the objectclass attribute is cached.

Operator Response: If alias objectclass names are not needed during search filter resolution, set the environment variable OC_ALIAS to No and restart the server.

GLPRDB026E The server cannot cache attribute *attribute name* for search filter resolution because it is not a supported attribute.

Explanation: The reported attribute cannot be cached for filter resolution because it is an operational attribute, an attribute not supported to be cached, or does not exist in the schema. Searches will continue to operate correctly.

Operator Response: To avoid this error message in the future, reconfigure the server to so that this attribute is not configured as cached attribute.

GLPRDB027E The server cannot load all configured attribute caches for search filter resolution because not enough memory was configured to hold all configured attribute caches.

Explanation: Caches were not created for all attributes configured because not enough memory was configured to hold the caches. Loading of the attribute caches has stopped. Searches will continue to operate correctly, but their performance may be degraded until the server is reconfigured to increase the amount of memory for attribute caching.

Operator Response: To see which attributes have been cached, view the monitor information. If additional attributes caches are desired, reconfigure the server to increase the amount of memory for attribute caching.

GLPRDB028E The server deleted the cache for attribute *attribute_name* for search filter resolution because not enough memory was configured to hold all attribute caches configured.

Explanation: The cache for specified attribute for filter resolution was deleted because not enough memory has been configured to hold all the attribute caches. Searches will continue to operate correctly, but their performance might not be as fast as it would be if attribute caches existed as configured.

Operator Response: Reconfigure the server to increase the amount of memory for attribute caching.

GLPRDB029E The server deleted the cache for attribute *attribute_name* for search filter resolution because an error occurred that would have caused the cache to become corrupt.

Explanation: The cache for the listed attribute or filter resolution was deleted because an error occurred that would have caused the corruption of the cache. Searches will continue to operate correctly, but their performance might not be as fast as it would be if attribute caches existed as configured.

Operator Response: Restart the server or reconfigure the attribute cache values. The attribute cache values can be reconfigured using the IBM Tivoli Directory Server Web Administration Tool.

GLPRDB030E Migration of the REF attribute table failed.

Explanation: Failed to change the column length of the REF column in the REF attribute table. This can be due to failure of any number of DB2 operations. Check the server and db2cli error logs. Searches should continue to operate correctly, but if an attempt is made to add/delete/modify/modrdrn a ref attribute, the behavior is undefined.

Administrator Response: Restart the server with -h 16 or with the trace enabled. You should then be able to see the proper error in the logs.

GLPRDB031E Failed to drop the unique constraint for attribute *attribute_name*.

Explanation: The server failed to drop the unique constraint for the attribute. This problem might be due to the constraint not being defined or might be caused by an internal error.

Operator Response: Do not try to remove the attribute from the list of attributes with unique values.

GLPRDB032E Failed to add the unique constraint for attribute *attribute_name*.

Explanation: Failed to add the unique constraint for the reported attribute. This problem is caused by duplicate attribute values or by an internal error.

Operator Response: Do not try to add the reported attribute to the list of attributes with unique values. If unique values are desired for this attribute, you must first remove the duplicate values from the existing entries and then add this attribute to the list of attributes that must have unique values.

GLPRDB033E The server cannot support language tags for attribute *attribute_name*.

Explanation: The server cannot add the language tags to the internal table for the attribute because the table will become too large. This entry will not be added or modified until the language tags are removed from the operation for the attribute.

Programmer Response: Remove the language tags from the attribute and try the request again.

GLPRDB034E Because attribute *attribute name* is not defined in the schema, the unique attributes feature cannot be supported for this attribute.

Explanation: The attribute does not exist in the schema and therefore cannot be defined as unique.

Operator Response: Remove this attribute from the list of attributes requiring unique values or add this attribute to the schema and restart the server.

GLPRDB035E Because attribute *attribute name* is defined to allow language tags, the unique attributes feature cannot be supported for this attribute.

Explanation: Attributes may not be defined as unique and use language tags.

Operator Response: Remove this attribute from the list of attributes requiring unique values.

GLPRDB036E The unique attributes feature does not support attribute *attribute_name*. The list of attributes the unique attributes feature does not support includes, but is not limited to, the following: operational attributes, configuration attributes, binary attributes, and the objectclass attribute.

Explanation: Specified to make an attribute unique that is not supported.

Operator Response: Remove this attribute from the list of attributes requiring unique values.

GLPRDB037E The unique attributes feature does not support attribute *attribute_name*. The list of attributes the unique attributes feature does not support includes, but is not limited to, the following: operational attributes, configuration attributes, binary attributes, and the objectclass attribute.

Explanation: Specified to make an attribute unique that is not supported.

Operator Response: Remove this attribute from the list of attributes requiring unique values.

GLPRDB038E *utility_program_name* is unable to connect to the database.

Explanation: The named program cannot connect to the database used to store the directory data.

Operator Response: Make sure the database instance and database named in the LDAP server configuration file exist and that the database instance can be started. Verify that the userid and password in the configuration are correct.

GLPRDB039E *database_userid* parameter is missing from LDAP directory configuration file.

Explanation: The LDAP directory configuration file is missing the database userid.

Operator Response: Run the `idscfgdb` or `idxcfg` command again to properly reconfigure a database for the given directory server instance.

GLPRDB040E *database_user_password* parameter is missing from LDAP directory configuration file.

Explanation: The LDAP directory configuration file is missing the password for the database user ID.

Operator Response: Run the `idscfgdb` or `idxcfg` command again to properly reconfigure a database for the given directory server instance.

GLPRDB041E When adding the `ownerPropagate` field, the `entryOwner` field must also be added.

Explanation: The LDAP Server cannot complete the request because the request is attempting to add the `ownerPropagate` flag without also adding the `entryOwner` field.

Operator Response: Modify the request and try again.

GLPRDB042E When deleting the `entryOwner` field, the `ownerPropagate` field must also be deleted.

Explanation: The LDAP Server cannot complete the request because the request is attempting to delete the `entryOwner` flag without also deleting the `ownerPropagate` field.

Operator Response: Modify the request and try again.

GLPRDB043E When adding the `aclPropagate` field, the `aclEntry` field must also be added.

Explanation: The LDAP Server cannot complete the request because the request is attempting to add the `aclPropagate` flag without also adding the `aclEntry` field.

Operator Response: Modify the request and try again.

GLPRDB044E When deleting the `aclEntry` field, the `aclPropagate` field must also be deleted.

Explanation: The LDAP Server cannot complete the request because the request is attempting to delete the `aclEntry` flag without also deleting the `aclPropagate` field.

Operator Response: Modify the request and try again.

GLPRDB045E Unable to connect to database, program terminating.

Explanation: All database connections have been terminated. The directory server must be shut down.

Operator Response: Make sure that database connections are not being terminated by other applications or users. Restart directory server.

GLPRDB046E Unable to connect to database, program terminating.

Explanation: All database connections have been terminated. The directory server must be shut down.

Operator Response: Make sure that database connections are not being terminated by other applications or users. Restart directory server.

GLPRDB047E Moving entry '*entry DN*' to suffix *suffix* is not allowed.

Explanation: Moving an entry to the specified suffix using the modify DN operation is not allowed by the server.

Operator Response: Specify a different suffix to move the entry under.

GLPRDB048E Moving entry '*entry DN*' is not allowed.

Explanation: This entry has special meaning to the server and is not allowed to be renamed using the modify DN operation.

Operator Response: Specify a different entry to move.

GLPRDB049E Moving entry to '*new entry DN*' is not allowed.

Explanation: This entry has special meaning to the server and is not allowed to be the result of a modify DN operation.

Operator Response: Specify a different DN to rename the entry to.

GLPRDB050E Attribute *attribute name* was not found in the schema definition.

Explanation: The specified attribute was not found in the schema definitions.

Operator Response: Add the definition of the attribute to the schema and retry the operation or correct the attribute name in the request and retry.

GLPRDB051E Entry *DN of entry* already exists.

Explanation: The request to add an entry failed because an entry already exists in the directory with the specified distinguished name.

Operator Response: Choose a unique name for the entry and retry the operation.

GLPRDB052E Entry DN of entry already exists.

Explanation: The request to rename an entry failed because an entry already exists in the directory with the specified distinguished name.

Operator Response: Choose a unique name for the entry and retry the operation.

GLPRDB053E Entry DN of entry violates the schema definition.

Explanation: The add failed because the new entry violates the rules defined in the directory schema. Verify that the object class(es) and attributes included in the new entry are appropriate based on the currently defined directory schema.

Operator Response: Either change the directory schema definitions to allow the desired new entry, or change the request to fit the schema. Then try adding the entry again.

GLPRDB054E Entry DN of entry violates the schema definition.

Explanation: The modify failed because the new entry would violate the rules defined in the directory schema. Verify that the object class(es) and attributes included in the modified entry are appropriate based on the currently defined directory schema.

Operator Response: Either change the directory schema definitions to allow the desired new entry content, or change the request to fit the schema. Then try modifying the entry again.

GLPRDB055E Parent entry does not exist for entry DN of entry.

Explanation: Moving an entry failed because the specified parent entry does not exist.

Operator Response: Correct the new parent name specified in the moddn operation, or add an appropriate parent entry, and then retry.

GLPRDB056E Parent entry does not exist for entry DN of entry.

Explanation: ACL checking failed for the operation because the parent of the specified entry does not exist.

Operator Response: Correct the name of the entry specified, or add an appropriate parent entry, and then retry.

GLPRDB057E Parent entry does not exist for entry DN of entry.

Explanation: Adding an entry failed because the specified parent entry does not exist.

Operator Response: Correct the name of the entry to be added, or add an appropriate parent entry, and then retry.

GLPRDB058E Entry size *size* is greater than the maximum size supported (*max size*).

Explanation: The requested operation cannot complete because it would result in an entry that exceeds the maximum supported size.

Operator Response: Reduce the size of the data included in the entry.

GLPRDB059E An SQL call failed: *SQL routine name*.

Explanation: An unexpected exception occurred during SQL processing.

Operator Response: View the db2cli.log file to look for corresponding DB2 error messages. Ensure DB2 is operating correctly.

GLPRDB060E Entry DN of entry specified on bind does not exist.

Explanation: The bind failed because the DN specified did not correspond to an existing entry in the directory. The password cannot be verified if the entry is not found.

Operator Response: Correct the DN in the bind request and try again.

GLPRDB061E Entry *DN of entry specified on compare* does not exist.

Explanation: The compare failed because the DN specified did not correspond to an existing entry in the directory. Attribute values cannot be compared if the entry is not found.

Operator Response: Correct the DN in the compare request and try again.

GLPRDB062E Entry *DN of entry to be deleted* does not exist.

Explanation: The delete failed because the DN specified did not correspond to an existing entry in the directory.

Operator Response: Correct the DN in the delete request and try again.

GLPRDB063E Entry *DN of entry to be modified* does not exist.

Explanation: The modify failed because the DN specified did not correspond to an existing entry in the directory.

Operator Response: Correct the DN in the modify request and try again.

GLPRDB064E Entry *DN of entry to be renamed or moved* does not exist.

Explanation: The modifyDN failed because the DN specified did not correspond to an existing entry in the directory.

Operator Response: Correct the DN in the modifyDN request and try again.

GLPRDB065E The new superior DN *DN of entry that the entry was to be moved to* does not exist.

Explanation: The modifyDN failed because the DN specified as the new parent entry did not correspond to an existing entry in the directory, and there is no suffix to match the new entry DN.

Operator Response: Correct the DN in the modifyDN request and try again. If the intent was to move the entry to a new suffix, the suffix must be added to the server configuration before the entry can be moved there.

GLPRDB066E The attribute *attribute name* with value *attribute value* already exists.

Explanation: The specified value cannot be added to the attribute because it already exists.

Operator Response: Check the entry content to ensure that it is correct, and if so, ignore this error. Otherwise, correct the modify request and try again.

GLPRDB067E Entry *DN of entry* does not contain attribute *attribute name*.

Explanation: The attribute to be deleted was not found in the specified entry.

Operator Response: Check the entry content to ensure that it is correct, and if so, ignore this error. Otherwise, correct the modify request and try again.

GLPRDB068E Entry *DN of entry* does not contain attribute *attribute name* with value *attribute value*.

Explanation: The attribute value to be deleted was not found in the specified entry.

Operator Response: Check the entry content to ensure that it is correct, and if so, ignore this error. Otherwise, correct the modify request and try again.

GLPRDB069E Attribute *attribute name* has a maximum value length of *max length*. Current attribute value is of length *current length*.

Explanation: The attribute value to be added has a length greater than the maximum length defined in the schema.

Operator Response: Retry the operation with a shorter value.

GLPRDB070E • GLPRDB077E

GLPRDB070E DB2CLI error, SQL data is: native return code=DB2 rc, SQL state=DB2 SQL state, SQL message=message text.

Explanation: The Directory Server received an error while performing DB2 operations. The information in the messages is the data available from DB2 at the time of the error.

Operator Response: Check the db2cli.log file for related error messages. Evaluate and resolve the DB2 problem with the information provided. If the problem cannot be resolved, contact service.

GLPRDB071E An error occurred during backend identifier backend initialization, rc = return code.

Explanation: The Directory Server encountered an error while initializing a backend.

Operator Response: If the error refers to a database backend, make sure that a DB2 database has been properly configured. If the problem cannot be resolved, contact service.

GLPRDB072E Distinguished name DN might have partial access.

Explanation: The Directory Server encountered an error when obtaining the group memberships for the specified distinguished name. The access granted may be incomplete.

Operator Response: Examine the ACL and group entries for the specified DN and correct any malformed entries.

GLPRDB073E The access class permission specified is not valid. Valid permissions are 'r', 'w', 'c' and 's'.

Explanation: The LDAP Server cannot complete the request because the access class permissions specified are not correct.

Operator Response: Correct the permissions in the request and try again.

GLPRDB074E Replication conflict adding DN occurred. The entry was replaced.

Explanation: An entry was added to this server that had been added previously by another master. The entry on this server was older so the entry was overwritten by the new entry.

Operator Response: The contents of the directory were not the same on all servers. The operator should check that no updates have been lost by comparing the contents of the servers in the replication topology.

GLPRDB075E Replication conflict: an add of entry DN was rejected because it had an older timestamp.

Explanation: An attempt was made to add an entry to this server that had been added previously. The entry on this server was more recent so the entry was not overwritten by the new entry.

Operator Response: The contents of the directory were not the same on all servers. The operator should check that no updates have been lost by comparing the contents of the servers in the replication topology.

GLPRDB076E Specified attribute length attribute length for attribute attribute name must not be less than the length currently defined in the attribute syntax.

Explanation: Reducing the attribute size is not supported.

Operator Response: Retry the operation with a value that is greater than the attribute length currently defined in the schema.

GLPRDB077E Modifying attribute table name, column name or syntax is not allowed when the attribute table already contains data.

Explanation: Attribute table name, column name or syntax can be changed only when the attribute table is empty or has not been created.

Operator Response: Export the directory data into an LDIF file, unconfigure the database, modify the attribute size information in the schema file, configure the database and import the data into the database. Otherwise, no further action can be taken.

GLPRDB078E Specified attribute length *attribute length* for attribute *attribute name* causes the total size of columns to exceed the maximum record size.

Explanation: Altering the column cannot cause the total byte count of all columns to exceed the maximum record size.

Operator Response: Retry the operation with a value that will not cause the total byte count of all columns to exceed the maximum record size.

GLPRDB079W Attribute table name *attribute name* is longer than 16 characters. The current table name *current table name* for this attribute is being renamed to *table name*.

Explanation: In the previous releases, if an attribute table name was longer than 16 bytes, the table name was truncated to 16 bytes. Starting with IBM Tivoli Directory Server 6.0, longer attribute table names up to 128 bytes are supported. When the IBM Tivoli Directory Server 6.0 server is started for the first time, any attribute table whose name was truncated to 16 bytes will be renamed to the longer table name.

Operator Response: No further action needs to be taken.

GLPRDB080E To increase the maximum length of an attribute, its data type must be either VARCHAR, VARGRAPHIC or LONG VARCHAR.

Explanation: To increase the size of an attribute, the attribute data type must be either VARCHAR, VARGRAPHIC or LONG VARCHAR. These are the only data types of a column that can be increased using DB2.

Operator Response: Export the directory data into an LDIF file, unconfigure the database, modify the attribute size information in the schema file, configure the database and import the data into the database. Otherwise, no further action can be taken.

GLPRDB081E Transaction log is either full or running out of disk space. The current database operation will be rolled back to the last committed state.

Explanation: During the creation of a new attribute table with increased attribute size, either the transaction log became full or was running out of disk space.

Operator Response: Verify the program has sufficient memory to run on the system.

GLPRDB082E The request to increase the size of attribute *attribute name* was not completed successfully due to failed DB2 operation(s). A partial change (creation of the temporary table *temporary table name*) has been committed in the database. Please issue the modify request again or remove the temporary table *temporary table name* from your database.

Explanation: During the creation of a new attribute table with increased attribute size, if any of the operations after creating the temporary table fails, the database will be rolled back to the last committed state. However, the temporary table must be removed manually.

Operator Response: Issue the command again. Otherwise, remove the temporary table manually to recover the state of database.

GLPRDB083E The server cannot be started because a newer version of the IBM Tivoli Directory Server is already installed and configured on the system.

Explanation: Before starting the internal data migration process at server startup, it has been determined that a newer version of server is already installed and configured on the system, so the server cannot be started.

Operator Response: Contact the IBM support.

GLPRDB084E Failed to complete the internal data migration.

Explanation: The directory server instance cannot be started because problems were encountered during the internal data migration process at the server startup.

Operator Response: Check log files for errors, resolve issues and restart the server. Migration process will be resumed when the server is being started.

GLPRDB085E Failed to complete the internal data migration for long table names.

Explanation: The server cannot be started because problems were encountered during the migration process for renaming attribute tables to have longer names.

Operator Response: Check log files for errors, resolve issues and restart the server. Migration process will be resumed when the server is being started.

GLPRDB086E Failed to rename the attribute table *table name* to *new table name*.

Explanation: The server cannot be started because problems were encountered during the migration process for renaming attribute tables to have longer names.

Operator Response: Check log files for errors, resolve issues and restart the server. Migration process will be resumed when the server is being started.

GLPRDB087E Failed to rename the attribute index *index name* to *new index name*.

Explanation: The server cannot be started because problems were encountered during the migration process for renaming attribute indexes.

Operator Response: Check log files for errors, resolve issues and restart the server. Migration process will be resumed when the server is being started.

GLPRDB088E Entry *DN of entry* contains an incorrect ACL definition.

Explanation: The request to add or update the entry failed because the request contained an ACL definition that violated the ACL syntax.

Operator Response: Correct the ACL definition in the entry and retry the operation.

GLPRDB089E The LDAP directory server is unable to log on as the database administrator.

Explanation: The LDAP Server cannot log on as the database administrator which is defined in the LDAP server configuration file.

Operator Response: Make sure the database instance in the LDAP server configuration file exists. Verify that the user ID and password in the configuration are correct.

GLPRDB090E Failed to complete the internal data migration for objectclass index.

Explanation: The server cannot be started because problems were encountered during the migration process for creating unique index on objectclass table.

Operator Response: Check log files for errors, resolve issues and restart the server. Migration process will be resumed when the server is being started.

GLPRPL001E Unable to connect to replica *host name* on port *port number*. Please verify that the replica is started.

Explanation: The LDAP Server was unable to connect to the specified server to perform replication. The program continues. Replication to the specified server cannot continue.

Operator Response: Verify that the replica server is started, or contact the operator to start the replica server. Verify that the replica server information is correct.

GLPRPL002I Connection to host *consumer server host*, port *consumer_server_port*, established using SSL.

Explanation: No additional information is available for this message.

GLPRPL003W The DN of the credential entry *entry name* defined for the replication agreement *entry name* cannot be found.

Explanation: The DN of the entry that contains the credentials used by the server to authenticate to the associated replica can not be found.

Operator Response: Make sure the DN of the credential entry defined in the replication agreement is correct and the credential entry exists.

GLPRPL004E The credential entry *entry name* defined for the replication agreement *entry name* is not valid.

Explanation: The object class of the credential entry defined for the replication agreement entry is not valid.

Operator Response: Make sure the object class defined for the credential entry is valid. For example, for a simple bind, the objectclass can be `ibm-replicationCredentialSimple`.

GLPRPL005E The credential entry *entry name* is in use and cannot be deleted.

Explanation: This object cannot be deleted because some other object is referencing this object.

Operator Response: Make sure that no other object, such as a replication agreement object, is referencing this object before deleting this object.

GLPRPL006E For the replica group entry *entry name*, the parent entry must be an `ibm-replicationContext` entry.

Explanation: An `ibm-replicaGroup` entry must be created directly beneath an `ibm-replicationContext` entry.

Operator Response: Make the correct actions to ensure that the parent entry of an `ibm-replicaGroup` entry is an `ibm-replicationContext` entry.

GLPRPL007E For the replica subentry entry *entry name*, the parent entry must be an `ibm-replicaGroup` entry.

Explanation: An `ibm-replicaSubentry` entry must be created directly beneath an `ibm-replicaGroup` entry.

Operator Response: Make the correct actions to ensure that the parent entry of an `ibm-replicaSubentry` entry is an `ibm-replicaGroup` entry.

GLPRPL008E For the replication agreement entry *DN of entry*, the parent entry must be an `ibm-replicaSubentry` entry.

Explanation: An `ibm-replicationAgreement` entry must be created directly beneath an `ibm-replicaSubentry` entry.

Operator Response: Make the correct actions to ensure that the parent entry of an `ibm-replicationAgreement` entry is an `ibm-replicaSubentry` entry.

GLPRPL009E Master DN and Admin DN cannot be the same.

Explanation: The value of `ibm-slapdAdminDn` attribute and the values of `ibm-slapdMasterDn` attribute can not be the same in the configuration file.

Operator Response: Change the value of `ibm-slapdAdminDn` attribute or the value of `ibm-slapdMasterDn` attribute so that they do not have the same value.

GLPRPL010E The consumer URL defined in replication agreement entry *entry name* is a duplicate.

Explanation: For a given subtree, the supplier has already had a replication agreement entry which contains the same consumer URL. To avoid establishing more than one connection to the consumer, the consumer URL specified in a replication agreement entry should be unique for that supplier.

Operator Response: Make sure the consumer URL specified in a replication agreement is correct.

GLPRPL011E • GLPRPL020E

GLPRPL011E Initial server startup has not been done.

Explanation: The requested operation cannot continue because the server has not completed migration.

Operator Response: Start the server to complete migration and try the request again.

GLPRPL012W Server migration in progress, please wait. Server migration might take several minutes.

Explanation: This message indicates that the migration could take a long time if there is a lot to migrate.

Operator Response: Please wait for the migration process to complete.

GLPRPL013E The value of the `ibm-slapdMigrationInfo` attribute must contain a valid version number and server type.

Explanation: There is no value specified for `ibm-slapdMigrationInfo` attribute.

Operator Response: Specify a valid version number or a valid server type as the value of `ibm-slapdMigrationInfo` attribute.

GLPRPL014E The schedule DN object *entry name* cannot be found.

Explanation: The DN of the entry that contains the weekly schedule for the supplier to contact a consumer could not be found.

Operator Response: Make sure the DN of the schedule entry defined in the replication agreement is correct and the schedule entry exists.

GLPRPL015W Invalid port *port type* specified: *port number*. Port number must be numeric, in the range 1 - 65535. Server starting in configuration only mode on *port type* port *port number*.

Explanation: Invalid port number specified. Server starting in configuration only mode with the port number specified in the configuration file.

Operator Response: Specify a valid port number.

GLPRPL016E Internal processing error in server, replication thread cannot start.

Explanation: The data passed to create a replication thread is in error and the replication thread cannot be started.

Operator Response: This is an internal processing error. If the problem persists, contact the service representative.

GLPRPL017I Replication starting for replica '*entry name*'.

Explanation: No additional information is available for this message.

GLPRPL018I Replication terminating for replica '*entry name*'.

Explanation: No additional information is available for this message.

GLPRPL019E Unable to create schedule for replica '*entry name*', all changes will be replicated immediately.

Explanation: Trying to construct schedule by retrieving the schedule entry defined for this replication agreement entry, but failed. All changes will be replicated immediately.

Operator Response: Make sure the value of `ibm-replicaScheduleDn` is defined correctly for this replication agreement entry. Make sure the defined schedule entry exists.

GLPRPL020E Unable to locate schedule entry with DN '*entry name*'.

Explanation: The schedule entry referenced by some replication agreement entries does not exist.

Operator Response: Make sure the schedule entry exists in the database. Make sure the value of `ibm-replicScheduleDn` is defined correctly for replication agreement entries.

GLPRPL021E Error on schedule entry with DN '*entry name*' attribute *attribute name* value '*attribute value*'. Value ignored.

Explanation: The time format defined in the schedule entry is in error. The value is ignored.

Operator Response: Make sure the time format specified in the schedule entry is correct.

GLPRPL022W Replica '*entry name*' missing schedule DN, all changes will be replicated immediately.

Explanation: The replica is missing a replication schedule. The server defaults to replicate all changes immediately.

Operator Response: If the replica should not replicate immediately, add a replication schedule to the specified replica.

GLPRPL023E Error retrieving pending changes for replica '*entry name*'. Will try again.

Explanation: Problem occurred while retrieving pending changes from the database for this replica.

Operator Response: There might be some problems with the database. If the problem persists, contact the service representative.

GLPRPL024E Error retrieving data for replica '*entry name*' change ID *change id* entry '*entry name*'. Will try again.

Explanation: Problem occurred while retrieving data from the replication change table for the entry.

Operator Response: There might be some problems with the database. If the problem persists, contact the service representative.

GLPRPL025E Error while removing status entry for replica '*entry name*'.

Explanation: Problem occurred while deleting the replication agreement entry from the replication status table.

Operator Response: Check the DB2 error log file and correct any problems. If the problem persists, contact the service representative.

GLPRPL026E Error while updating status for replica '*entry name*' to last change ID *change id*.

Explanation: Problem occurred while updating the status for the replication agreement entry in the replication status table.

Operator Response: Check the DB2 error log file and correct any problems. If the problem persists, contact the service representative.

GLPRPL027W Error while parsing data for change ID *change id* for replica '*entry name*'. Will try again.

Explanation: Problem occurred while parsing the LDIF data obtained from the replication change table.

Operator Response: Review the errors and contact support if problem persists.

GLPRPL028I Drop connection to replica '*entry name*' on host '*host name*' port *port number*.

Explanation: No additional information is available for this message.

GLPRPL029I Established connection for replica '*entry name*' on host '*host name*' port *port number*.

Explanation: No additional information is available for this message.

GLPRPL030I Established secure connection for replica '*entry name*' on host '*host name*' port *port number*.

Explanation: No additional information is available for this message.

GLPRPL031I Replicating all pending changes for replica '*entry name*'.

Explanation: No additional information is available for this message.

GLPRPL032E Error *error string* occurred for replica '*entry name*': add failed for entry '*entry name*' change ID *change id*.

Explanation: During the replication from this supplier to the consumer defined in the replication agreement, an add operation failed. The error string shows the reason why the operation failed. The change ID is the ID the server uses to record the change in the server's internal database.

Operator Response: Depending on the error, take the proper actions to correct the error on either the supplier or the consumer.

GLPRPL033E Error *error string* occurred for replica '*entry name*': modify failed for entry '*entry name*' change ID *change eid*.

Explanation: During the replication from this supplier to the consumer defined in the replication agreement, a modify operation failed. The error string shows the reason why the operation failed. The change ID is the ID the server uses to record the change in the server's internal database.

Operator Response: Depending on the error, take the proper actions to correct the error on either the supplier or the consumer.

GLPRPL034E Error *error string* occurred for replica '*entry name*': rename failed for entry '*entry name*' change ID *change eid*.

Explanation: During the replication from this supplier to the consumer defined in the replication agreement, a rename operation failed. The error string shows the reason why the operation failed. The change ID is the ID the server uses to record the change in the server's internal database.

Operator Response: Depending on the error, take the proper actions to correct the error on either the supplier or the consumer.

GLPRPL035E Error *error string* occurred for replica '*entry name*': delete failed for entry '*entry name*' change ID *change eid*.

Explanation: During the replication from this supplier to the consumer defined in the replication agreement, a delete operation failed. The error string shows the reason why the operation failed. The change ID is the ID the server uses to record the change in the server's internal database.

Operator Response: Depending on the error, take the proper actions to correct the error on either the supplier or the consumer.

GLPRPL036E Error *error string* occurred for replica '*entry name*': bind failed using masterDn '*DN*'.

Explanation: The supplier failed to use the masterDn to perform a simple bind with the consumer

Operator Response: Check the credential object defined in the replication agreement and make sure the DN used to bind is correct. In addition, make sure the consumer has the proper master DN defined in the configuration file.

GLPRPL037E Error *error string* occurred for replica '*entry name*': GSSAPI bind failed using principal name '*DN*'.

Explanation: The supplier failed to bind with the consumer using a SASL bind with mechanism GSSAPI.

Operator Response: Verify a SASL bind with mechanism GSSAPI can be performed with the consumer using a command line utility (ldapsearch). If this succeeds, check the credential object defined in the replication agreement and confirm that the DN used to bind is correct. In addition, make sure the consumer has the proper master DN defined in the server's configuration file.

GLPRPL038E Error error string occurred for replica '*entry name*': EXTERNAL bind failed.

Explanation: The supplier failed to bind using the EXTERNAL bind mechanism.

Operator Response: Verify a SASL bind with mechanism EXTERNAL can be performed with the consumer using a command line utility (ldapsearch). If this succeeds, check the credential object defined in the replication agreement and confirm that the DN used to bind is correct. In addition, make sure the consumer has the proper master DN defined in the server's configuration file.

GLPRPL039W Replica agreement '*entry name*' has consumer server ID '*server id*', but connected to server with ID '*server id*'.

Explanation: The ID of the consumer defined in the replication agreement is different from the ID of the consumer that the server actually connects to.

Operator Response: To establish a replication session, make sure the value of the `ibm-replicaConsumerId` attribute defined in a replication agreement entry is the same as the value of the `ibm-slappedServerId` attribute defined in the consumer's configuration file.

GLPRPL040W Replication for replica '*replication agreement DN*' will continue to retry the same update after receiving an error.

Explanation: Updates that fail on the replica will block replication of later updates until the cause of the problem is resolved and the update is successful.

Operator Response: Ensure that replication errors are corrected quickly to avoid a backlog of updates.

GLPRPL041W Replication for replica '*replication agreement DN*' will continue to the next update after receiving an error.

Explanation: Updates that fail on the replica will not block replication. The failing updates will be logged in the replication error log and replication will continue to the next update.

Operator Response: Ensure that the supplier and consumer servers stay in synch by periodically checking for replication errors in the log. Run the `ldapdiff` command to re-synchronize data if there are errors.

GLPRPL042W Replication continuing for replica '*replication agreement DN*' after logging update type for entry '*update entry DN*' ignoring error: LDAP return code LDAP error description additional error message.

Explanation: This update failed on the replica for the reason specified, but replication is set to continue after logging the error.

Operator Response: The supplier and consumer servers data may no longer be in synch. Other updates may also fail due to this error. Compare the data between the supplier and consumer to ensure the data is in synch. Additional actions may be required to prevent future errors.

GLPRPL043W Replication continuing for replica '*replication agreement DN*' after skipping update type for entry '*update entry DN*' because of error: LDAP return code LDAP error description additional error message.

Explanation: The specified update on the replica has already been completed successfully. This update will be skipped and replication will continue.

Operator Response: Compare the DN entries on the supplier and consumer to ensure they match.

GLPRPL044E Server failed to acquire Kerberos credential for replica.

Explanation: The LDAP server failed to acquire Kerberos credentials for a replica.

Operator Response: Make sure the replica's LDAP server service principal name is created correctly in the KDC and the keytab file name is specified correctly. Also check that the master has the correct credentials for the replica.

GLPRPL045E Unable to connect to replica *host name* on port *port number*. Verify that the replica is started.

Explanation: The LDAP Server was unable to bind to the specified server to perform replication.

Operator Response: Verify that the bind information defined for the supplier to contact the consumer is correct.

GLPRPL046W The DN of the credential entry *credential entry name* defined for the replication agreement *agreement entry name* cannot be found.

Explanation: The DN of the entry that contains the credentials used by the server to authenticate to the associated replica server cannot be found.

Operator Response: Make sure the DN of the credential entry is correct and the credential entry exists.

GLPRPL047E The DN of the credential entry *credential entry name* defined for the replication agreement *agreement entry name* cannot be found.

Explanation: There is an internal search error. The DN of the entry that contains the credentials used by the server to authenticate to the associated replica server cannot be found.

Operator Response: Make sure the DN of the credential object is correct and the credential object exists. If the problem persists, contact the service representative.

GLPRPL048E The consumer URL defined in replicaAgreement *entry name* is a duplicate.

Explanation: Problem occurred while adding the consumer URL to the replication status table. For a given subtree, the supplier may have already had a replication agreement entry which contains the same consumer URL. To avoid establishing more than one connection to the consumer, the consumer URL specified in a replication agreement entry should be unique for that supplier.

Operator Response: Make sure the consumer URL specified in a replication agreement is correct.

GLPRPL049E The value of the `ibm-slapdMigrationInfo` attribute must contain a valid version number.

Explanation: The value specified for `ibm-slapdMigrationInfo` attribute is not a valid version number.

Operator Response: Specify a valid version number, such as 4.1, as the value of `ibm-slapdMigrationInfo` attribute.

GLPRPL051E Error *error string* occurred for replica '*entry name*': delete failed for entry '*entry name*' change ID *change eid*.

Explanation: During the replication from this supplier to the consumer defined in the replication agreement, a delete subtree operation failed. The error string shows the reason why the operation failed. The change ID is the ID the server uses to record the change in the server's internal database.

Operator Response: Depending on the error, take the proper actions to correct the error on either the supplier or the consumer.

GLPRPL052I Replication terminating for replica '*entry name*'.

Explanation: No additional information is available for this message.

GLPRPL053E Error retrieving pending change count for replica '*entry name*'.

Explanation: Problem occurred while retrieving pending change count from the database for this replica.

Operator Response: There might be some problems with the database. If the problem persists, contact the service representative.

GLPRPL054E Error while removing status entry for replica '*entry name*'.

Explanation: Problem occurred while deleting the consumer associated with the replication agreement entry from the replication consumer status table.

Operator Response: There might be some problems with the database. If the problem persists, contact the service representative.

GLPRPL055E The schedule DN object *entry name* cannot be found.

Explanation: The DN of the entry that contains the weekly schedule for a supplier to contact a consumer could not be found.

Operator Response: Make sure the DN of the schedule entry defined in the replication agreement is correct and the schedule entry exists.

GLPRPL056E The schedule DN object *entry name* cannot be found.

Explanation: There is an internal search error. The DN of the entry that contains the weekly schedule for a supplier to contact a consumer could not be found.

Operator Response: Make sure the DN of the schedule entry defined in the replication agreement is correct and the schedule entry exists. If the problem persists, contact the service representative.

GLPRPL057E The schedule DN object *entry name* cannot be found.

Explanation: The DN of the entry that contains the daily schedule for a supplier to contact a consumer could not be found.

Operator Response: Make sure the DN of the schedule entry defined in the replication agreement is correct and the schedule entry exists.

GLPRPL058E The schedule DN object *entry name* cannot be found.

Explanation: The DN of the entry that contains the daily schedule for a supplier to contact a consumer could not be found.

Operator Response: Make sure the DN of the schedule entry defined in the replication agreement is correct and the schedule entry exists.

GLPRPL059E The schedule DN object *entry name* cannot be found.

Explanation: There is an internal search error. The DN of the entry that contains the daily schedule for a supplier to contact a consumer could not be found.

Operator Response: Make sure the DN of the schedule entry defined in the replication agreement is correct and the schedule entry exists. If the problem persists, contact the service representative.

GLPRPL060E Error while updating status for replica '*entry name*' to last change ID *change id*.

Explanation: Problem occurred while updating the status for the replication agreement entry in the replication status table.

Operator Response: There might be some problems with the database. If the problem persists, contact the service representative.

GLPRPL061E Invalid port *port type* specified; *port number*. Port number must be numeric, in the range 1 - 65535. Server starting in configuration only mode on *port type* port *port number*.

Explanation: Invalid port number specified. Server starting in configuration only mode with the SSL port number specified in the configuration file.

Operator Response: Specify a valid SSL port number.

GLPRPL062E • GLPRPL071I

GLPRPL062E Transaction time limit of *time limit* exceeded.

Explanation: The transaction timed out. The transaction time limit was exceeded for these replication operations.

Operator Response: Decrease the number of operations within the transaction, ensure network performance is adequate or increase the transaction timeout value and restart the server.

GLPRPL063E Cannot move 'entry DN' from one replication context to another.

Explanation: An entry cannot be moved into or out of a replication context using the modify DN operation.

Operator Response: Move the entry within a single replication context, or delete the entry and then add it in the desired replication context.

GLPRPL064E The replication configuration could not be read.

Explanation: A problem was encountered during the configuration of replication.

Operator Response: Make sure the server configuration file is correct and the replication configuration entry exists.

GLPRPL065E The replication configuration DN object *entry name* cannot be found.

Explanation: The DN of the entry that is used to configure replication cannot be found.

Operator Response: Make sure the server configuration file is correct and the replication configuration entry exists.

GLPRPL066E Error on configuration entry with DN '*entry name*', required attribute *attribute name* is missing.

Explanation: The missing attribute is required.

Operator Response: Make sure the data in the replication configuration entry is correct.

GLPRPL067E Error on configuration entry with DN '*entry name*' attribute *attribute name* value '*attribute value*'. Value ignored.

Explanation: The value is in error and will be ignored.

Operator Response: Make sure the data in the replication configuration entry is correct.

GLPRPL068E Error initializing the log used for replication errors.

Explanation: The server was unable to open the replication error log. The server will run in configuration mode.

Operator Response: Make sure the server ID has access to the directories in the file name path and the file itself.

GLPRPL069I Propagation of replication topology entries to host *hostname* port *port number* finished successfully.

Explanation: No additional information is available for this message.

GLPRPL070E Propagation of replication topology entries to host *hostname* port *port number* failed.

Explanation: Propagation of replication topology entries to the target server is in error.

Operator Response: Correct the error on the target server and retry the operation.

GLPRPL071I Propagation of replication topology entries will continue with the next target server.

Explanation: No additional information is available for this message.

GLPRPL072I Propagation of replication topology entries will stop.

Explanation: No additional information is available for this message.

GLPRPL073I Client on connection *connection ID* on *connection IP address* has bound as a supplier.

Explanation: No additional information is available for this message.

GLPRPL074W Replication conflict: a modify of '*entry name*' was rejected because it had an older timestamp.

Explanation: An attempt was made to modify an entry in this server that had been modified previously. The entry on this server was more recent so the entry was not updated by the new entry.

Operator Response: The contents of the directory were not the same on all servers. The operator must check that no updates have been lost by comparing the contents of the servers in the replication topology.

GLPRPL075W Replication conflict: a conflict is detected on a modify operation of DN '*entry name*'. The reason for this conflict is because the entry has been modified on this server before the entry was modified on the supplier.

Explanation: A replication conflict has been detected. The entry on this server was modified before the entry was modified on the supplier. To resolve this conflict, the server requests the supplier to re-add the entry.

Operator Response: If the entry is out of synch among servers in a replication environment, the user may need to manually update the entry on the servers to bring the data in synch.

GLPRPL076W Replication conflict: a conflict is detected on a modify operation of DN '*entry name*'. The reason for this conflict is because the entry has been modified on this server a long time ago before the entry was modified on the supplier.

Explanation: A replication conflict has occurred. To resolve this conflict, the server requests the supplier to re-add the entry.

Operator Response: If the entry is out of synch among servers in a replication environment, the user may need to manually update the entry on the servers to bring the data in synch.

GLPRPL077I Replication conflict: a conflict is detected on a modify operation. To resolve the conflict, a request of re-adding DN '*entry name*' is sent to the supplier.

Explanation: No additional information is available for this message.

GLPRPL078W The extended operation cannot replicate to target server *host port port number* because the target server does not support replication topology entries.

Explanation: The target server is a downlevel server which cannot handle replication topology entries. The Replication Topology extended operation will not replicate entries to the target server.

Operator Response: Either upgrade the target server to a more recent release or exclude the target server as a target server of this operation.

GLPRPL079E The extended operation cannot replicate entries to target server *hostname port port number* because the target server does not have the proper suffix.

Explanation: The extended operation failed to replicate entries to the target server because the target server does not have the proper suffix.

Operator Response: Add a proper suffix to the target server's configuration file to accommodate the entries to be sent by the supplier.

GLPRPL080I Replication conflict: a conflict has been detected on host *hostname* port *port number*. A request to re-add the entry of DN '*entry name*' is received.

Explanation: No additional information is available for this message.

GLPRPL081I Replication conflict: re-add DN '*entry name*' to solve a replication conflict on host *hostname* port *port number*.

Explanation: No additional information is available for this message.

GLPRPL082I Replication conflict: re-add of DN '*entry name*' to host *hostname* port *port number* succeeded.

Explanation: No additional information is available for this message.

GLPRPL083W Replication conflict: re-add of DN '*entry name*' to host *hostname* port *port number* failed.

Explanation: The re-add of an entry to the target server to resolve a replication conflict failed. The server will not try to add the entry again.

Operator Response: If the entry is out of synch among servers in a replication environment, the user may need to manually update the entry on the servers to bring the data in synch.

GLPRPL084E Replication conflict: re-add of DN '*entry name*' to resolve a conflict will not continue because the entry is too large.

Explanation: A replication conflict has occurred on a target server. To resolve this conflict, this server is requested to re-add the entry. However, the size of the entry exceeds the maximum re-add entry size defined in the configuration file. The entry will not be re-added to the target server.

Operator Response: If the entry on the target server is out of synch with the other servers in a replication environment, the user may need to manually update the entry on the servers to bring the data in synch.

GLPRPL085E Unable to format a string requiring *number of bytes* bytes in only *numberAvailable* bytes.

Explanation: The server failed to format a string in the available space.

Operator Response: Report this problem to IBM Support.

GLPRPL086E Attribute '*attribute name*' is missing for entry '*entry DN*'.

Explanation: No additional information is available for this message.

GLPRPL087E The Replication Topology extended operation failed to quiesce the context *entry name* on host *hostname* port *port number*. The operation will not continue with this server.

Explanation: The Replication Topology extended operation cannot quiesce the specified context on the target server.

Operator Response: Make sure the context entry on the target server is in the proper state.

GLPRPL088I The Replication Topology extended operation successfully quiesced the context *entry name* on host *hostname* port *port number*.

Explanation: No additional information is available for this message.

GLPRPL089E The Replication Topology extended operation failed to unquiesce the context *entry name* on host *hostname* port *port number*. The operation will not continue with this server.

Explanation: The Replication Topology extended operation cannot unquiesce the specified context on the target server.

Operator Response: Make sure the context entry on the target server is in the proper state.

GLPRPL090I The Replication Topology extended operation successfully unquiesced the context *entry name* on host *hostname port port number*.

Explanation: No additional information is available for this message.

GLPRPL091E The Replication Topology extended operation failed to add a suffix *entry name* to the configuration file of target host *hostname port port number*. The operation will not continue with this server.

Explanation: Adding an `ibm-slapdSuffix` attribute with the replication context DN as the value to the entry 'cn=Directory, cn=RDBM Backends, cn=IBM Directory, cn=Schemas, cn=Configuration' in the target server's configuration file has failed. This suffix is needed on the target server for the Replication Topology extended operation to send entries to the target server.

Operator Response: The suffix can be added manually on the target server before re-trying the extended operation.

GLPRPL092I The Replication Topology extended operation successfully added a suffix *entry name* to the configuration file of target host *hostname port port number*.

Explanation: No additional information is available for this message.

GLPRPL093E The Replication Topology extended operation failed to purge the queue that is associated with the replication agreement *entry name* on host *hostname port port number*.

Explanation: A replication agreement entry is about to be modified on the target server by the extended operation. Before modifying, the extended operation tries to purge the replication queue associated with the entry. However, the purge operation failed.

Operator Response: Try to manually purge the replication queue or delete the replication agreement on the target server before issuing the extended operation to the supplier.

GLPRPL094I There is no replication queue which is associated with the replication agreement *entry name* on host *hostname port port number*. Or, the Replication Topology extended operation successfully purged the queue.

Explanation: No additional information is available for this message.

GLPRPL095E The supplier of the Replication Topology extended operation failed to contact target host *hostname port port number*. using replication agreement *entry name*.

Explanation: The supplier of the extended operation cannot connect to the target server defined in the replication agreement.

Operator Response: Check to make sure that the target server is up and running.

GLPRPL096I *number of servers servers replicated successfully out of number of servers attempts*.

Explanation: No additional information is available for this message.

GLPRPL097E Error initializing or writing to the log used for replication conflict resolution.

Explanation: Error occurred when writing to the `LostAndFound` file used for replication conflict resolution.

Operator Response: Make sure the log file is configured correctly.

GLPRPL098E The Replication Topology extended operation timed out.

Explanation: The Replication Topology extended operation cannot continue because the time is up.

Operator Response: Change the timeout option to make sure that enough time is given to run the extended operation.

GLPRPL099I • GLPRPL109I

GLPRPL099I The update logged as a failure with error ID *error ID* for replication agreement DN '*replication agreement*' was successfully applied to the consumer.

Explanation: No additional information is available for this message.

GLPRPL100E The update logged as a failure with error ID *error ID* for replication agreement DN '*replication agreement*' failed on attempt *attempt number* with LDAP return code *LDAP error text*.

Explanation: The update was retried and failed again.

Operator Response: The error remains in the replication error log and can be attempted again or removed.

GLPRPL101I The update logged as a failure with error ID *error ID* for replication agreement DN '*replication agreement*' has been removed from the replication error log.

Explanation: No additional information is available for this message.

GLPRPL102I All updates logged as failures for replication agreement DN '*replication agreement*' have been removed from the replication error log.

Explanation: No additional information is available for this message.

GLPRPL103E Unable to log failure in replication error log for replication agreement DN '*replication agreement*' for entry with change ID *change id*.

Explanation: The change was not replicated and could not be logged as a failure.

Operator Response: Check the DB2 error log for possible causes such as disk full or some other resource problem. Use the `ldapdiff` utility to synchronize the replicated subtree for the supplier and consumer servers.

GLPRPL104I Exceeded the limit *max replication errors* for the replication error log for replication agreement DN '*replication agreement*'.

Explanation: No additional information is available for this message.

GLPRPL105W Approaching the limit *max replication errors* for the replication error log for replication agreement DN '*replication agreement*'. The current number of logged failures is *replication error count*.

Explanation: No additional information is available for this message.

GLPRPL106I Cache for replication context DN '*replication context*' set to *replication context cache size* updates.

Explanation: No additional information is available for this message.

GLPRPL107I Replication is using *number database connections* of the allowed *configured database connections*.

Explanation: No additional information is available for this message.

GLPRPL108I Replication for DN '*replication agreement*' will use the single threaded, synchronous method.

Explanation: No additional information is available for this message.

GLPRPL109I Replication for DN '*replication agreement*' will use the multiple threaded, asynchronous method.

Explanation: No additional information is available for this message.

GLPRPL110E Replication for DN '*replication agreement*' terminated with an unsupported replication method *method*.

Explanation: The method for this replication is not valid.

Operator Response: Update the replication agreement entry to correct the replication method.

GLPRPL111W Replication for DN '*replication agreement*' set to use the limit of *max connections* for consumer connections.

Explanation: The number of connections in the replication agreement entry exceeds the limit.

Operator Response: Update the replication agreement entry to correct the number of consumer connections.

GLPRPL112W Replication for DN '*replication agreement*' set to use the default number *default connections* for consumer connections.

Explanation: The number of connections in the replication agreement entry was not set.

Operator Response: Update the replication agreement entry to set the number of consumer connections.

GLPRPL113E Unable to create replication agent on connection *connection ID* for DN '*replication agreement*', replication terminating

Explanation: Failed to create the threads required to send updates and process results.

Operator Response: Check system resource limits that impact the number of threads a process can have or the amount of memory available.

GLPRPL114I Replication for DN '*replication agreement*' using *active connections* consumer connections.

Explanation: No additional information is available for this message.

GLPRPL115W Replication for DN '*replication agreement*' encountered a gap in the change IDs: *current change ID* followed *last change ID*.

Explanation: The list of changes to replicate may have been retrieved while an update was still in progress. The server will wait a short interval before trying again to get the changes in order.

Operator Response: Continue to monitor the log to make sure that no updates were skipped.

GLPRPL116E Replication for DN '*replication agreement*' encountered a gap in the change IDs: *current change ID* followed *last change ID* after trying one more time but is continuing.

Explanation: Replication is continuing in spite of a gap in the change IDs. Some changes were not replicated.

Operator Response: Use the `ldapdiff` utility to synchronize the consumer's data with the supplier's.

GLPRPL117E Unable to log additional replication failures in replication error log for replication agreement DN '*replication agreement* because the number of logged entries exceeds the limit, replication is waiting for the log to be cleared.

Explanation: Replication for this agreement is waiting since the number of logged failures is greater than the limit in the server configuration.

Operator Response: Clear one or more errors in the replication error log by successfully retrying them or by removing them. Increase the maximum for replication errors in the configuration.

GLPRPL118E Replication for replica '*repl_agmt_dn*' will continue to retry the same failed update with change ID *change id* until it is successful.

Explanation: This failed update is block replication of later updates until the cause of the problem is resolved and the update is successful.

GLPRPL119I • GLPRUN002E

Operator Response: Correct the problem causing this update to fail or skip this update using the extended operation to control the replication queue. Ensure that replication errors are corrected quickly to avoid a backlog of updates.

GLPRPL119I Replica '*entry name*' will use single-threaded, synchronous replication, instead of the method in the replication agreement.

Explanation: No additional information is available for this message.

GLPRPL120E Error occurred processing the replica URL for replication agreement '*repl_agmt_dn*'.

Explanation: The replica URL contained in the `ibm-replicaURL` attribute of the replication agreement directory entry is empty or cannot be parsed correctly.

Operator Response: Use the Directory Server Web Administration Tool to edit the replication agreement and verify the replica hostname and port are correct.

GLPRPL50E The value of the `ibm-slapdMigrationInfo` attribute must contain a valid server type.

Explanation: The value specified for `ibm-slapdMigrationInfo` attribute is not a valid server type.

Operator Response: Specify a valid server type, such as Master, as the value of `ibm-slapdMigrationInfo` attribute.

GLPRUN001I

Command to optimize the database for a directory server instance.

Usage: *program name* [-I *instancename*

[-f configfile]] | -v | -?

where:

- ? Displays this help screen.
- d<debuglevel> Sets the debug level in the LDAP library.
 Use in conjunction with the `ldtrc` command.
- f<configfile> Specifies the full path to the configuration file
 to use. If not specified, the default configuration
 file for the directory server instance will be used.
- I<instancename> Specifies the name of the directory server instance
 for which to optimize the database.
- v Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPRUN002E `runstats` unable to run because of initialization error.

Explanation: `runstats` is unable to start because of an initialization error.

Operator Response: View earlier error message to see why `runstats` did not run. If no previous error message was printed, contact IBM support.

GLPSCH001E Data source: *file name: line line number: expected Object ID, but could not find it at or before variable.*

Explanation: Numeric Object ID was expected.

Operator Response: Make sure numeric Object ID is defined for the object.

GLPSCH002E Data source: *file name: line line number: expected one of the following: variables, but could not find it at or before variable.*

Explanation: Expected Object ID, left parentheses, right parenthesis or \$ symbol.

Operator Response: Make sure Object ID or missing symbols are provided.

GLPSCH003E Data source: *file name: line line number: expected digit after '.', but could not find it at or before variable.*

Explanation: Expected a digit after the '.' character in numeric object ID.

Operator Response: Make sure only digits follow the '.' character.

GLPSCH004E Data source: *file name: line line number: expected non-empty quoted string, but could not find it at or before variable.*

Explanation: Encountered an empty quoted string.

Operator Response: Make sure quoted string is not empty.

GLPSCH005E Data source: *file name: line line number: expected number after brace, but could not find it at or before variable.*

Explanation: Expected a number following the open brace character.

Operator Response: Make sure a number follows the open brace character.

GLPSCH006E Data source: *file name: line line number: expected '}' after '{ <number>', but could not find it at or before variable.*

Explanation: Expected a closing brace after a number.

Operator Response: Make sure a closing brace always follows a number.

GLPSCH007E Data source: *file name: line line number: expected a quoted string, but could not find it at or before variable.*

Explanation: Expected a quoted string.

Operator Response: Make sure the DESC field of the attribute is followed with a quoted string.

GLPSCH008E Data source: *file name: line line number: expected a quoted string or open parenthesis, but could not find it at or before variable.*

Explanation: The server was expecting a quoted string or an open parenthesis after the NAME field.

Operator Response: Make sure the NAME field is followed by a quoted string or an open parenthesis.

GLPSCH009E Data source: *file name: line line number: expected an LDAP description string, but could not find it at or before variable.*

Explanation: The server is expecting a description following the DESC field.

Operator Response: Make sure a description follows the DESC field in an attribute definition.

GLPSCH010E • GLPSCH018E

GLPSCH010E Data source: *file name: line line number:* expected a quoted LDAP description string, but could not find it at or before *variable*.

Explanation: The server was expecting a quoted description following the DESC field.

Operator Response: Make sure a quoted description follows the DESC field in an attribute definition.

GLPSCH011E Data source: *file name: line line number:* expected a quoted LDAP description string or open parenthesis, but could not find it at or before *variable*.

Explanation: The server was expecting a quoted string or an open parenthesis following the DESC field in an attribute definition.

Operator Response: Make sure a quoted description or an open parenthesis follows the DESC field in an attribute definition.

GLPSCH012E Data source: *file name: line line number:* encountered non-terminated quoted string at or before *variable*.

Explanation: The server encountered a non-terminated quoted string.

Operator Response: Make sure all quoted strings are terminated.

GLPSCH013E Data source: *file name: line line number:* encountered unexpected end of input.

Explanation: Unexpected end of file encountered by the server.

Operator Response: Make sure the last attribute or class definition in the schema file is terminated with closing parenthesis.

GLPSCH014E Data source: *file name: line line number:* input not valid at or before *variable*.

Explanation: The server encountered an invalid input string in the schema file.

Operator Response: Make sure all schema definitions comply with RFC2252.

GLPSCH015E Data source: *file name: line line number:* expected usage specification, but could not find it at or before *variable*.

Explanation: The server was expecting 'USAGE' directive, but did not find it.

Operator Response: Make sure all schema definitions comply with RFC2252.

GLPSCH016E Data source: *file name: line line number:* expected one or two quoted strings (database table and/or column names), but could not find them at or before *variable*.

Explanation: The server was expecting one or two quoted strings specifying the database table and/or column names. But did not find any.

Operator Response: Make sure the database table name and/or column follow the DBNAME directive.

GLPSCH017E Data source: *file name: line line number:* expected ACCESS-CLASS specification, but could not find it at or before *variable*.

Explanation: The server is expecting ACCESS-CLASS specification for the attribute, but did not find it.

Operator Response: Make sure all attribute definitions contain ACCESS-CLASS specification.

GLPSCH018E Data source: *file name: line line number:* *variable variable* has already been defined.

Explanation: Multiple definition of an attribute.

Operator Response: Make sure attributes are only defined once.

GLPSCH019E Data source: *file name*: **line** *line number*: **found duplicated definition for** *variable* *variable*.

Explanation: Duplicate definition of object class, matching rules or syntax.

Operator Response: Make sure object classes, matching rules or syntaxes are defined only once.

GLPSCH020E Data source: *file name*: **line** *line number*: **attribute type** *variable* **already has an IBM extended definition.**

Explanation: Multiple IBM extended definition for an attribute.

Operator Response: Make sure each attribute definition has only one IBM extended definition.

GLPSCH021E Data source: *file name*: **line** *line number*: **all alternate definitions of same** *variable* **must be in a single file.** *variable* **is also defined in** *variable*.

Explanation: All alternate definition of an attribute must be in the same file.

Operator Response: Make sure alternate definitions of an attribute are not split into more than one file.

GLPSCH022E Data source: *file name*: **line** *line number*: **inconsistent** *variable*, *variable* **and** *variable* **(with object ID** *variable***).**

Explanation: Alternate definitions of an attribute are consistent.

Operator Response: Make sure alternate definitions of attribute are consistent except with respect to 'NAME'.

GLPSCH023E Data source: *file name*: **line** *line number*: *variable* *variable* **does not have a syntax definition.**

Explanation: Attribute definition does not include 'SYNTAX' directive.

Operator Response: Make sure all schema definitions comply with RFC2252.

GLPSCH024E Operation not valid. Expected one of the following operations: *variable*.

Explanation: An invalid modify operation is specified.

Operator Response: You may only use the change types: add, delete or replace with the modify operation.

GLPSCH025E *variable* *variable* **not found when processing** *variable* *variable*.

Explanation: Definition of either SUP, matching rule or syntax for an attribute or object class is not found.

Operator Response: Make sure definition of all syntax(es) matching rule(s) and SUP(s) are available.

GLPSCH026E *variable* *variable* **does not exist, delete operation failed.**

Explanation: Attempted to remove an attribute, a matching rule or a syntax that is not defined.

Operator Response: None.

GLPSCH027E *variable* *variable* **does not exist, replace operation failed.**

Explanation: Attempted to replace an attribute that is not defined.

Operator Response: None.

GLPSCH028E *variable* *variable* **does not have a syntax definition.**

Explanation: Attribute does not have syntax definition.

Operator Response: Make sure all schema definitions comply with RFC2252.

GLPSCH029E Attempt to delete *variable* failed. The specified object ID *object ID* and name *name* do not refer to the same *variable*.

Explanation: Object ID and name do not refer to the same object.

Operator Response: The name and object ID must refer to the same object.

GLPSCH030E Attempt to replace *variable* failed. The specified object ID *object ID* and name *name* do not refer to the same *variable*.

Explanation: Object ID and name do not refer to the same object.

Operator Response: The name and object ID must refer to the same object.

GLPSCH031E *variable variable* already exists, add operation failed.

Explanation: Attempted to add an object that already exist.

Operator Response: None.

GLPSCH032E *variable variable* cannot be deleted. It is still being used.

Explanation: Attempted to delete an object that is in use.

Operator Response: None.

GLPSCH033E Missing LDAP V3 specification for *variable attribute*.

Explanation: LDAP V3 specification for an attribute is missing.

Operator Response: Make sure the schema files are complete and installed by the server.

GLPSCH034E *attribute variable* and its supertype *super* have different usages.

Explanation: An attribute and its superior type have different usage directive.

Operator Response: Make sure all schema definitions comply with RFC2252.

GLPSCH035E Cycle, *attribute*, detected in supertype specification.

Explanation: Circular dependency in an attribute definition and its supertype is detected.

Operator Response: Make sure all schema definitions comply with RFC2252.

GLPSCH036E Cycle, *class*, detected in superclass specification.

Explanation: Circular dependency in a class definition and its supertype is detected.

Operator Response: Make sure all schema definitions comply with RFC2252.

GLPSCH037E *entity variable* was not provided. Must be provided as *quoted string*.

Explanation: Entity value is missing.

Operator Response: Make sure entity value is provided as quoted string.

GLPSCH038E *entity string* must be provided as *string*, but was provided as *string*.

Explanation: Incorrect entity value.

Operator Response: Make sure entity value is of the proper type.

GLPSCH039E *string quoted string must be provided as string with inherited properties or IBM extensions string, but was provided as string with inherited properties or IBM extensions string.*

Explanation: Entity value does not match the inherited property.

Operator Response: Make sure entity value is of the proper type.

GLPSCH040E *The IBM extension for sting quoted string must be provided as string, but was provided as string.*

Explanation: Entity value does not match the IBM extended definition .

Operator Response: Make sure entity value is of the proper type.

GLPSRV001I Command to start or stop a directory server instance.

Usage: *program name* [-I instancename [-f configfile] [-h debuglevel]

```
[[ [-p port] [-s secureport] [-R ServerID] [-a | -n] ]
 | -k | -i | -u] ] | -v | -? | -h ?
```

where:

- ? Displays this help screen.
- a Start the directory server instance in configuration only mode.
- f<configfile> Specifies the full path to the configuration file to use. If not specified, the default configuration file for the directory server instance will be used.
- h<debuglevel> Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- h ? Displays the debug help screen.
- I<instancename> Specifies the name of the directory server instance to start or stop.
- i Installs the directory server instance as a service.
- k Stop the directory server instance if it is running.
- n Do not start the directory server instance in configuration only mode.
- p<port> Use port as the port to start the directory server instance.
- R<serverID> Use serverID as the server ID while running this directory server instance.

GLPSRV002I

- s<secureport>** Use secureport as the secure port to start directory server instance.
- u** Removes the directory server instance as a service.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPSRV002I Command to start or stop a directory server instance.

Usage: *program name* [-I instancename [-f configfile] [-h debuglevel]

[[[-p port] [-s secureport] [-R ServerID] [-c] [-a | -n]]
| -k]] | -v | -? | -h ?

where:

- ?** Displays this help screen.
- a** Starts the directory server instance in configuration only mode.
- c** Run the directory server instance in console mode.
- f<configfile>** Specifies the full path to the configuration file to use. If not specified, the default configuration file for the directory server instance will be used.
- h<debuglevel>** Sets the debug level in the LDAP library.
Use in conjunction with the ldtrc command.
- h ?** Displays the debug help screen.
- I<instancename>** Specifies the name of the directory server instance to start or stop.
- k** Stop the directory server instance if it is running.
- n** Do not start the directory server instance in configuration only mode.
- p<port>** Specifies the port to start the directory server instance.
- R<serverID>** Use serverID as the server ID while running this directory server instance.
- s<secureport>** Specifies the secure port to start

directory server instance.

-v **Prints the version information about the command.**

Explanation: No additional information is available for this message.

GLPSRV003I Configuration file successfully read.

Explanation: No additional information is available for this message.

GLPSRV004I Terminating server.

Explanation: No additional information is available for this message.

**GLPSRV005E The LDAP server was unable to decode input data from the client while processing operation:
operation.**

Explanation: The LDAP Server is unable to process the requested operation because of a failure when interpreting the request.

Operator Response: Make sure Clients BER encode LDAP messages correctly.

GLPSRV006E Unable to open file 'file'. Try specifying the full path name.

Explanation: The LDAP Server is unable to open the specified configuration file.

Operator Response: Correct the file name and restart the server, or contact the administrator.

GLPSRV007E Error while trying to allocate memory.

Explanation: The LDAP Server is unable to allocate the necessary storage to continue processing.

Operator Response: Increase the storage for the LDAP Server and restart the server.

GLPSRV008E Unable to create necessary thread.

Explanation: The LDAP Server is unable to obtain the necessary resources to create a required thread. If the failure occurs during startup of the LDAP Server, the program will end.

Operator Response: Verify that the system is not overloaded and is configured correctly.

GLPSRV009I versionServer started.

Explanation: No additional information is available for this message.

GLPSRV010E Server unable to start due to attribute dependency check failure.

Explanation: The LDAP Server is unable to start due to attribute dependency check failure.

Operator Response: For additional information see Message ID GLPSRV011E and GLPRPL009E.

GLPSRV011E Configuration error: server using port *port* for both SSL and non-SSL.

Explanation: The LDAP Server cannot listening on the specified port for both secure and nonsecure requests.

Operator Response: Make sure different ports are specified for SSL and non-SSL ports.

GLPSRV012E An administrator DN must be specified in the adminDn line.

Explanation: The LDAP Server encountered a blank adminDN parameter in the configuration file.

Operator Response: Specify an adminDN in the configuration file

GLPSRV013E • GLPSRV024I

GLPSRV013E Attempt to initialize administrative connection failed, *error value (error string)*.

Explanation: The LDAP Server was unable to establish a connection with the administrative utilities because system function unlink() failed.

Operator Response: Remove the socket file associated with AF_UNIX domain and restart the server.

GLPSRV014E An attempt to set a TCP/IP parameter has failed. The operating system returned error *error value (error string)*.

Explanation: The server received an error while attempting to set options for the TCP/IP socket option: TCP_NODELAY.

Operator Response: Ensure TCP/IP is operating correctly.

GLPSRV015I Configuration read securePort *port number*.

Explanation: No additional information is available for this message.

GLPSRV016I Server configured for secure connections.

Explanation: No additional information is available for this message.

GLPSRV017I Server configured for secure connections only.

Explanation: No additional information is available for this message.

GLPSRV018I Server configured to use TLS.

Explanation: No additional information is available for this message.

GLPSRV019I Server configured for secure connections and TLS.

Explanation: No additional information is available for this message.

GLPSRV020I Configuration read cipher specifications mask to be *cipher mask value*.

Explanation: No additional information is available for this message.

GLPSRV021I Non-SSL port override from command line, value = *port number*.

Explanation: No additional information is available for this message.

GLPSRV022E A client sent non-secured communications to the SSL port.

Explanation: The LDAP Server determined that a client sent non-encrypted data to the secure port. The request from the client is ended.

Operator Response: If a command utility such as ldapsearch is called by the client and secure communications is intended, make sure the -Z (use secure communications) parameter is specified. If the client does not intend to use secure communications, then specify the non-secure port.

GLPSRV023I Audit logging started. The audit configuration options are: *audit configuration values*.

Explanation: No additional information is available for this message.

GLPSRV024I Audit logging ended.

Explanation: No additional information is available for this message.

GLPSRV025I Value of the audit configuration option '*option*' changed from '*old value*' to '*new value*'.

Explanation: No additional information is available for this message.

GLPSRV026I Value of the audit configuration option '*configuration option*' changed.

Explanation: No additional information is available for this message.

GLPSRV027E Server failed to acquire Kerberos credential.

Explanation: The LDAP server failed to acquire Kerberos credential for the server principal.

Operator Response: Make sure the LDAP server service principal name is created correctly in the KDC and the keytab file name is specified correctly.

GLPSRV028E Mapping from Kerberos principal to LDAP DN failed because more than one *krbPrincipalName* is found.

Explanation: The mapping from Kerberos principal to LDAP DN failed because more than one *krbPrincipalName* is found in the database.

Operator Response: Make sure there is only one LDAP DN that can be mapped from the Kerberos principal.

GLPSRV029E SASL GSSAPI bind request from *client* failed due to an invalid token.

Explanation: SASL GSSAPI bind request from the specified client failed because of invalid token.

Operator Response: Make sure that there is a valid token for the Kerberos principal being used.

GLPSRV030E Maximum operations per transaction *maximum operations* exceeded.

Explanation: The maximum number of operations per transaction has been exceeded.

Operator Response: Reduce the number of operations in the transaction.

GLPSRV031E Maximum number of transactions *maximum transactions* exceeded.

Explanation: The maximum number of transactions has been exceeded.

Operator Response: Reduce the number of transactions.

GLPSRV032E Transaction time limit of *time limit* exceeded.

Explanation: The transaction timed out. The transaction time limit was exceeded for these operations.

Operator Response: Increase the transaction time_limit in the *ibmslapd.conf* file .

GLPSRV033I The Directory server version is *version (date time)*

Explanation: No additional information is available for this message.

GLPSRV034I Server starting in configuration only mode.

Explanation: No additional information is available for this message.

GLPSRV035I Server started in configuration only mode as requested.

Explanation: No additional information is available for this message.

GLPSRV036E Errors were encountered while starting the server. Server started in configuration only mode.

Explanation: Errors were encountered while starting the server. The server has started in configuration only mode.

Operator Response: Check the server log for errors. After these error conditions have been corrected, attempt to start the server again.

GLPSRV037E Failed to change file to *file name*.

Explanation: An error occurred when the file specified as the audit output file or the error output file for slapd, cli or bulkload was attempted to be opened. The specified file is not a valid location or you do not have the necessary permissions to write to the file.

Operator Response: Verify that the file name and path chosen is valid and can be written to by the server id.

GLPSRV038W Using file *file name* instead.

Explanation: The specified file could not be opened so the default file will be used.

Operator Response: If the default file which is being used is unacceptable, verify that the file that was supposed to be used is valid and can be written to.

GLPSRV039E Configuration Entry: *entry dn* contains an invalid line: *entry attribute : attribute value*

Explanation: The configuration entry given was invalid.

Operator Response: Check the given configuration entry and make sure that it is valid.

GLPSRV040E Error encountered. Server starting in configuration only mode.

Explanation: A previous error caused the directory server instance to start in configuration mode.

Operator Response: Review the ibmslapd error log, and reference the error code that caused the server to start in configuration mode. If no error is found, contact IBM support.

GLPSRV041I Server starting.

Explanation: No additional information is available for this message.

GLPSRV042W Server responding to a large backlog of requested client operations. There are *number of pending requests* pending requests.

Explanation: The directory server instance is experiencing very heavy workload as defined by user parameters. The emergency thread is reacting to the situation to offset some work.

Operator Response: Check that the server is still responding in a reasonable time and the network is not under a denial of service attack. If there are no problems, consider increasing the emergency thread threshold so that peak traffic does not cause it to start.

GLPSRV043W Server response to the backlog of requested client operations has completed. *number of completed requests* requests completed.

Explanation: The directory server instance is behaving normally again. The emergency thread processed the specified number of requests and has determined it is no longer necessary for the emergency thread to remain active.

Operator Response: Verify that the directory server is behaving normally. Review the emergency thread parameters to determine if it ran as expected.

GLPSRV044W Connection from *IP address* bound as *bind DN* closed by server.

Explanation: The server has closed the specified connection, either as a result of reaping (connections that met admin criteria) or as a result of an unbind extended operation.

Operator Response: Verify that the reaping parameters are acceptable. See the IBM Tivoli Directory Server Administration Guide for more information.

GLPSRV045W Automatically closed *number of connections* idle client connections.

Explanation: The server closed the specified number of connections due to reaping. The current number of connections exceeded the user specified parameters.

Operator Response: Verify the reaping parameters are acceptable. See the IBM Tivoli Directory Server Administration Guide for more information.

GLPSRV046W No anonymous binds will be allowed.

Explanation: The administrator has configured the server to reject anonymous binds.

Operator Response: Verify the configuration settings match this behavior (ibm-SlapdAllowAnon == False).

GLPSRV047W Anonymous binds will be allowed.

Explanation: The administrator has configured the server to accept anonymous binds.

Operator Response: Verify the configuration settings match this behavior.

GLPSRV048I Started *number of worker threads* worker threads to handle client requests.

Explanation: No additional information is available for this message.

GLPSRV049I Started *number of threads* handler threads to service established client connections.

Explanation: No additional information is available for this message.

GLPSRV050I Dynamic configuration update requested.

Explanation: No additional information is available for this message.

GLPSRV051W Anonymous binds will no longer be accepted. Closed *number of connections* existing anonymous client connections, *number of connections* will be closed as soon as possible.

Explanation: As a result of configuration update, all anonymous connections bound to the server have been closed.

Operator Response: Verify the configuration update was expected and that the new behavior is acceptable.

GLPSRV052W Processing unbind request from the directory administrator. Closed *number of connections* client connections, another *number of connections* client connections will be closed as soon as possible.

Explanation: The server has accepted an unbind extended operation. As a result, the specified number of connections have been closed.

Operator Response: Verify the request to unbind these connections was expected.

GLPSRV053E Server unable to respond to the large backlog of client requests.

Explanation: The server is unable to service all of the pending requests, most likely due to an overload situation, or an internal error.

Operator Response: Restart the directory server instance and determine if the problem goes away. Verify that the server is not under a denial of service attack.

GLPSRV054E • GLPSRV063E

GLPSRV054E Unable to initialize/enable tracing dynamically.

Explanation: The LDAP directory server was unable to initialize tracing dynamically.

Operator Response: Ensure that the IBM LDAP Trace Facility is on. For example, run 'ldtrc on' or use the ldaptrace command.

GLPSRV055I Trace enabled dynamically.

Explanation: No additional information is available for this message.

GLPSRV056E Unable to disable tracing dynamically.

Explanation: The LDAP directory server was unable to turn off tracing dynamically.

Operator Response: Turn the IBM LDAP Trace Facility off or restart the directory server instance with tracing turned off. For example, run 'ldtrc off' or use the ldaptrace command.

GLPSRV057I Trace disabled dynamically.

Explanation: No additional information is available for this message.

GLPSRV058E Unable to set debug level.

Explanation: The LDAP directory server was unable to change the debug level dynamically. The debug level is used to control the type of information output to the debug output file.

Operator Response: Make sure the requested debug level is valid. For example, 65535 or a sum of the values shown by 'ibmslapd -h ?' that are less than 65535. The debug level 65535 or 0xFFFF will turn on all debug messages.

GLPSRV059W Debug level set to *debug_output_level*.

Explanation: The LDAP directory server was able to change the debug level dynamically. The debug level is used to control the type of information output to the debug output file.

Operator Response: Make sure the requested debug level is the value desired. Try 'ibmslapd -h ?' to see all values. The debug level 65535 or 0xFFFF will turn on all debug messages.

GLPSRV060E Unable to set debug output file name.

Explanation: The LDAP directory server was unable to change the debug output filename dynamically.

Operator Response: Make sure the path name and the file name are valid and that the file permissions are correct.

GLPSRV061I Debug output routed to *debug_output_filename*.

Explanation: No additional information is available for this message.

**GLPSRV062E Bad Administrator Kerberos ID defined in attribute *attribute name* in entry *entry name*.
The Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.**

Explanation: The syntax of the Kerberos ID defined for the administrative is invalid. A Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Operator Response: Make sure that the Kerberos ID has the proper prefix.

GLPSRV063E Unable to complete registration of all supported features.

Explanation: The directory server instance was unable to register all the supported feature.

Operator Response: Make sure sufficient memory is allocated to the directory server.

GLPSRV064E Failed to initialize *plugin/feature name*.

Explanation: The directory server was unable to initialize the specified object. The object may be an external server plug-in, or an internal server feature.

Operator Response: Verify that the server is properly configured. If no problem can be determined, contact a IBM support.

GLPSRV065E Values for the attribute *attribute name* are not unique. The attribute *attribute name* was removed from the unique attribute entry: *entry name*.

Explanation: The unique attribute specified in the database does not contain valid unique constraints. This is most likely caused after a bulkload of new data. For this reason, the attribute has been removed from the unique attribute list.

Operator Response: The operator should remove all of the duplicate values for this attribute, and then re-add the attribute to the unique list.

GLPSRV066E DIGEST-MD5 bind attempt was unsuccessful because the value for the *component name* component in the response was not valid.

Explanation: The DIGEST-MD5 bind request violated the protocol. The specified component's value was incorrect.

Operator Response: Ensure that the client is using the correct protocol.

GLPSRV067E DIGEST-MD5 bind attempt for *username* was unsuccessful because the username did not match an entry.

Explanation: The username supplied on a DIGEST-MD5 bind request must match a single entry in the directory that has a userpassword attribute.

Operator Response: Ensure that the username is correct and that it matches a single entry in the directory that has a userpassword attribute.

GLPSRV068E DIGEST-MD5 bind attempt for *username* was unsuccessful because the username matched more than one entry.

Explanation: The username supplied on a DIGEST-MD5 bind request must match a single entry in the directory that has a userpassword attribute.

Operator Response: Ensure that the username is correct and that it matches a single entry in the directory that has a userpassword attribute.

GLPSRV069E DIGEST-MD5 bind attempt was unsuccessful because the response from the client was improperly formatted.

Explanation: The DIGEST-MD5 bind request violated the protocol.

Operator Response: Ensure that the client is using the correct protocol.

GLPSRV070E DIGEST-MD5 bind attempt for *username* was unsuccessful because the password was incorrect.

Explanation: A user attempted to bind with DIGEST-MD5 but supplied the wrong password.

Operator Response: Ensure that the client supplies the correct password.

GLPSRV071E DIGEST-MD5 bind attempt for *username* was unsuccessful because the user did not have proxy authority.

Explanation: A user attempted to bind with DIGEST-MD5 using an authorization ID but the user did not have proxy authority.

Operator Response: Bind with a user that has proxy authority or do not use an authorization ID.

GLPSRV072E Mapping from Kerberos principal to LDAP DN failed because more than one altSecurityIdentities exists.

Explanation: The mapping from Kerberos principal to LDAP DN failed because more than one altSecurityIdentities exists in the database.

Operator Response: Make sure there is only one LDAP DN that can be mapped from the altSecurityIdentities.

GLPSRV073E Bad Administrator Kerberos ID defined in attribute *attribute name* in entry *entry name*.
The Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Explanation: The syntax of the Kerberos ID defined for the administrative is invalid. A Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Operator Response: Make sure that the Kerberos ID has the proper prefix.

GLPSRV074E Bad Administrator Kerberos ID defined in attribute *attribute name* in entry *entry name*.
The Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Explanation: The syntax of the Kerberos ID defined for an administrator is invalid. A Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Operator Response: Make sure that the Kerberos ID has the proper prefix.

GLPSRV075E Bad Administrator Kerberos ID defined in attribute *attribute name* in entry *entry name*.
The Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Explanation: The syntax of the Kerberos ID defined for a member of the administrative group is invalid. A Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Operator Response: Make sure that the Kerberos ID has the proper prefix.

GLPSRV076E Transaction time limit of *time limit* exceeded.

Explanation: The transaction timed out. The transaction time limit was exceeded for these operations.

Operator Response: Increase the amount of time needed for this transaction or decrease the number of operations for this transaction.

GLPSRV077E Unable to enable tracing at startup.

Explanation: The LDAP directory server was unable to initialize tracing at server startup.

Operator Response: Ensure that the IBM LDAP Trace Facility is on. To accomplish this, run the command 'ldtrc on' or use the ldaptrace command.

GLPSRV078W Trace enabled.

Explanation: The LDAP directory server was able to initialize tracing at server startup.

Operator Response: Because of the performance impact of collecting trace and debug data from the LDAP directory server, make sure that the data is being collected to resolve a problem.

GLPSRV079E Unable to set debug level at startup.

Explanation: The LDAP directory server was unable to set the debug level at server startup. The debug level is used to control the type of information output to the debug output file.

Operator Response: Make sure the requested debug level is a valid. For example, 65535 or a sum of the values shown by 'ibmslapd -h ?' that are less than 65535. The debug level 65535 or 0xFFFF will turn on all debug messages.

GLPSRV080W Debug level set to *debug_output_level*.

Explanation: The LDAP directory server was able to set the debug level at server startup. The debug level is used to control the type of information output to the debug output file.

Operator Response: Make sure the requested debug level is the value desired. Try 'ibmslapd -h ?' to see all values. The debug level 65535 or 0xFFFF will turn on all debug messages.

GLPSRV081E Unable to set debug output file name at startup.

Explanation: The LDAP directory server was unable to set the debug output filename at server startup.

Operator Response: Make sure the path name and the file name are valid and that the file permissions are correct.

GLPSRV082I Debug output routed to *debug_output_filename*.

Explanation: No additional information is available for this message.

GLPSRV083E Unable to enable tracing as requested on the command line.

Explanation: The LDAP directory server was unable to initialize tracing at server startup as requested on the command line.

Operator Response: Ensure that the IBM LDAP Trace Facility is on and restart the server with the same command line option. For example, run the command 'ldtrc on' or use the ldaptrace command.

GLPSRV084W Trace enabled from command line.

Explanation: The LDAP directory server was able to initialize tracing at server startup as requested on the command line.

Operator Response: Because of the performance impact of collecting trace and debug data from the LDAP directory server, make sure that the data is being collected to resolve a problem.

GLPSRV085E An attempt to set the TCP/IP keep alive option has failed. The operating system returned error *error value (error string)*.

Explanation: The server received the error while attempting to set the socket option for keep alive.

Operator Response: Ensure TCP/IP is operating correctly.

GLPSRV086I Terminating server.

Explanation: No additional information is available for this message.

GLPSRV087E The -a and -n option can not be used together.

Explanation: The user attempted to start the server in configuration mode and not in configuration mode at the same time.

Operator Response: Specify only the -a or -n option, depending on the desired server state.

GLPSRV088E The program is unable to run because of initialization error.

Explanation: The ibmslapd program is unable to run because of an initialization error.

Operator Response: View earlier error message to see why the program did not run. Check for proper system requirements to be met and all environment variables to be set correctly. For example, the ulimit command on UNIX platforms. Clues to this problem may also be found in the ibmslapd.log file. If no previous error messages were printed, contact IBM support. Make sure to have all log files available to send to IBM support if they are required.

GLPSRV089E Server unable to start because the server could not write to the slapd.pid file.

Explanation: The LDAP Server is unable to write the PID of the process to the directory server instances slapd.pid file.

Operator Response: Verify that the location where the PID file is going to be created is writable and accessible by your user ID. This file should be created in the local tmp directory of the directory server instance. i.e. the ibmslapd-instancename\tmp directory.

GLPSRV090E Maximum number of operations per transaction, *maximum operations*, exceeded.

Explanation: The maximum number of operations per transaction has been exceeded.

Operator Response: Reduce the number of operations in the transaction and try again.

GLPSRV091E Null based one level search is not supported.

Explanation: The user requested a NULL based one level search. This capability is not available in the directory server.

Operator Response: Modify the client request so that it does not specify a one level search.

GLPSRV092E No values for type *attribute name*.

Explanation: An attribute without a value was specified on an add operation.

Operator Response: Make sure each attribute has associated value(s), on the add operation.

GLPSRV093E *version number* is an unsupported LDAP version.

Explanation: The bind operation requires the client to specify the version of LDAP protocol. Only version 2 and version 3 are supported.

Operator Response: Make sure to specify either version 2 or 3.

GLPSRV094E The value *attribute value* is an invalid value for attribute **ibm-slapdServerBackend**. The attribute takes either "RDBM" or "PROXY" as its values.

Explanation: The server encountered an invalid value in the configuration file.

Operator Response: Ensure that the value of **ibm-slapdServerType** is set to either PROXY or RDBM, depending on whether you want a proxy or standard directory server.

GLPSRV095E *plugin name*: **line line number**: incorrect configuration line. Line ignored.

Explanation: An invalid plugin type was encountered in the configuration file. The line number can not be determined.

Operator Response: Make sure only valid plugin types are specified.

GLPSRV096E Bind attempt by DN *DN* and source IP address *IP Address* was unsuccessful.

Explanation: Due to authentication problem, a bind attempt from a client was not successful.

Operator Response: Make sure the client uses the correct credential.

GLPSRV097E Internal processing error in server, return code *return code* from pthread library.

Explanation: One of the pthread library functions failed.

Operator Response: Make sure the operating system is properly configured.

GLPSRV098I Audit logging started.

Explanation: No additional information is available for this message.

GLPSRV099E Unable to open audit log file '*filename*'.

Explanation: The server unable to open the audit log file.

Operator Response: Make sure the server ID has access to the directories in the file name path and the file itself.

GLPSRV100E Audit log file '*filename*' is full, unable to log any more records.

Explanation: The audit log is full. The server can no longer add audit messages to the log.

Operator Response: Move the audit log file to a different disk partition (drive) or specify a new log file on a different disk partition (drive).

GLPSRV101E Problems retrieving Entry '*entry DN*'.

Explanation: The server could not retrieve the content of an entry from the configuration file.

Operator Response: Verify that the DN of the entry is correct.

GLPSRV102I Entry '*entry DN*' is read from the configuration file.

Explanation: No additional information is available for this message.

GLPSRV103E Found an unknown attribute '*attribute name*' in entry '*entry DN*'.

Explanation: An unknown attribute as encountered in one of the configuration file's entries.

Operator Response: Make sure correct attributes are specified for all entries.

GLPSRV104I Exceeded maximum number of event notification registrations, currently set at *number of events*.

Explanation: No additional information is available for this message.

GLPSRV105I Connection from *IP Address* has exceeded the maximum number of event notification registrations per connection, currently set at *number of events*.

Explanation: No additional information is available for this message.

GLPSRV106E Communications error: *error string*.

Explanation: Critical communication error occurred.

Operator Response: Make sure TCP/IP protocol stack is configured correctly.

GLPSRV107I Unsupported extended operation request OID '*OID*'.

Explanation: No additional information is available for this message.

GLPSRV108I Event notification was successfully registered for the base '*DN*'.

Explanation: No additional information is available for this message.

GLPSRV109I Event notification was successfully unregistered for the base '*DN*'.

Explanation: No additional information is available for this message.

GLPSRV110I • GLPSRV121I

GLPSRV110I Event notification contains invalid data in the berval structure passed in.

Explanation: No additional information is available for this message.

GLPSRV111I Can not issue an unbind operation within a transaction.

Explanation: No additional information is available for this message.

GLPSRV112I Multiple start transactions were issued within a transaction and is not allowed.

Explanation: No additional information is available for this message.

GLPSRV113I An extended operation is sent within a start transaction and is not allowed.

Explanation: No additional information is available for this message.

GLPSRV114E Failed to start with SSL. Starting in configuration only mode without SSL.

Explanation: The server failed to start with SSL.

Operator Response: Make sure two different ports for SSL and non-SSL are specified.

GLPSRV115E You are not in the same primary group as the directory server instance owner '*instance name*'. Only users in the same primary group as the directory server instance owner can start a directory server instance.

Explanation: The program failed to start because you do not have the same primary group as the directory server instance owner.

Operator Response: Validate the primary group of the directory server instance owner. If you do not have the same primary group you are not authorized to start the directory server instance.

GLPSRV116E Successfully set debug level to *debug level* from console command.

Explanation: No additional information is available for this message.

GLPSRV117I Server is using server ID *server ID* from the command line.

Explanation: No additional information is available for this message.

GLPSRV118I Created Windows service for directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPSRV119E Failed to create Windows service for directory server instance: '*instance name*'.

Explanation: The directory server instance could not be installed as a windows service.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPSRV120I The Windows service for directory server instance '*instance name*' already exists.

Explanation: No additional information is available for this message.

GLPSRV121I Stopped directory server instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPSRV122E Failed to stop directory instance: *'instance name'*.

Explanation: The program failed to successfully stop the directory server. The error may have occurred because the directory server was already stopped.

Operator Response: Verify that directory server instance exists on the machine and is running. If necessary, stop the directory server instance manually using the kill command on UNIX platforms or through the Windows Services panel on Windows platforms.

GLPSRV123E Unable to stop directory server instance *'instance name'*, because the state of the server can not be determined.

Explanation: An attempted was made to stop the directory server instance and its state could not be determined.

Operator Response: This error most likely occurred because you do not have sufficient access to check the status of the directory server . Verify the directory server slapd.pid file has sufficient access for you to read it.

GLPSRV124I The directory server instance *'instance name'* is already stopped.

Explanation: No additional information is available for this message.

GLPSRV125I Deleted Windows service for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPSRV126E Failed to delete Windows service for directory server instance: *'instance name'*.

Explanation: The program failed to delete the Windows service for the directory server instance.

Operator Response: Verify that the Windows service for the directory server still exist. If it does not exist, no further action is required. If the Windows service does exist, attempt to recreate the problem using the same directory server instance. If the problem persists, contact IBM support.

GLPSRV127E The **-k** and **-i** option can not be used together.

Explanation: The user attempted to stop the directory server instance and register the directory server instance as a Windows service at the same time.

Operator Response: Specify only the **-k** or **-i** option.

GLPSRV128E The **-k** and **-u** option can not be used together.

Explanation: The user attempted to stop the directory server instance and unregister the directory server instance as a Windows service at the same time.

Operator Response: Specify only the **-k** or **-u** option.

GLPSRV129E The **-i** and **-u** option can not be used together.

Explanation: The user attempted to register and unregister the directory server instance as a Windows service at the same time.

Operator Response: Specify only the **-i** or **-u** option.

GLPSRV130I Debug levels:

Explanation: No additional information is available for this message.

GLPSRV131E • GLPSSL004E

GLPSRV131E The -k and -c option can not be used together.

Explanation: The user attempted to stop the directory server instance and start the directory server instance in console mode at the same time.

Operator Response: Specify only the -k or -c option.

GLPSRV132E The -k and -a option can not be used together.

Explanation: The user attempted to stop the directory server instance and start the directory server instance in configuration only mode at the same time.

Operator Response: Specify only the -k or -a option.

GLPSRV133E The -k and -n option can not be used together.

Explanation: The user attempted to stop the directory server instance and start the directory server instance at the same time.

Operator Response: Specify only the -k or -n option.

GLPSRV134I *message*

Explanation: No additional information is available for this message.

GLPSRV135E Problems retrieving an entry in subtree '*entry DN*'.

Explanation: The server could not retrieve the content of an entry from the configuration file.

Operator Response: Verify that an entry under the subtree is correct.

GLPSRV136I *text*

Explanation: No additional information is available for this message.

GLPSRV137E The Administrative Password Policy settings in the configuration file are invalid.

Explanation: The Administrative Password Policy settings in the configuration file are invalid.

Operator Response: Verify that an Administrative Password Policy values are valid.

GLPSSL001I Secure port overridden from command line, SSL will use port=*secure_port*.

Explanation: No additional information is available for this message.

GLPSSL002E File I/O error on opening SSL key database file *key_database_filename*.

Explanation: The SSL key database used by the LDAP directory and administration servers cannot be read.

Operator Response: Ensure that the file permissions on the SSL key database file are correct.

GLPSSL003E Open of SSL key database file *key_database_filename* failed.

Explanation: The SSL key database used by the LDAP directory and administration servers cannot be opened

Operator Response: Ensure that the file permissions on the SSL key database file are correct.

GLPSSL004E SSL key database file *key_database_filename* is in an unknown format.

Explanation: The file configured as the SSL key database to be used by the LDAP directory and administration servers is not a CMS key database file.

Operator Response: Ensure that the file configured to be used as the SSL key database is a CMS key database file.

GLPSSL005E The password supplied for key database file *key_database_filename* is not correct.

Explanation: The SSL key database used by the LDAP directory and administration servers cannot be opened using the password supplied in the configuration.

Operator Response: Correct the password for the SSL key database and try to restart.

GLPSSL006E A memory allocation error occurred processing SSL key database file *key_database_filename*.

Explanation: There is not enough memory available to process the SSL key database file.

Operator Response: Increase the amount of memory available and try to restart.

GLPSSL007E SSL socket initialization failed due to a problem with creating the key pair.

Explanation: Secure socket initialization failed due to a problem with creating the key pair during the SSL handshake.

Operator Response: If the problem persists, contact IBM support.

GLPSSL008E An incorrect label was specified for SSL key database *key_database_filename*.

Explanation: The supplied key label is a duplicate.

Operator Response: Supply a label that is not already in the SSL key database.

GLPSSL009E An incorrect value of *cipher_spec* was given for the SSL cipher specification.

Explanation: The specified SSL cipher is not valid.

Operator Response: Correct the cipher specification in the configuration and restart the server.

GLPSSL010E No SSL ciphers were specified.

Explanation: No SSL ciphers were specified in the configuration.

Operator Response: Correct the configuration to specify at least one cipher and restart the server.

GLPSSL011E The certificate in the SSL key database file *key_database_filename* has expired.

Explanation: The certificate to be used by the LDAP directory or administration server has expired in SSL key database file.

Operator Response: Specify the label of an unexpired certificate in the SSL key database file in the configuration and restart the server.

GLPSSL012E The certificate in the SSL key database file *key_database_filename* is invalid.

Explanation: The certificate to be used by the LDAP directory or administration server in the SSL key database file is invalid.

Operator Response: Specify the label of a valid certificate in the SSL key database file in the configuration and restart the server.

GLPSSL013E The certificate is of an unsupported type in the SSL key database file *key_database_filename*.

Explanation: The certificate from the SSL key database file is of an unsupported type.

Operator Response: Specify the label of a supported type of certificate in the SSL key database file in the configuration and restart the server.

GLPSSL014E • GLPSSL022E

GLPSSL014E No certificate exists in SSL key database file *filename*.

Explanation: No certificate exists in SSL key database file.

Operator Response: Obtain a valid certificate for the server and add it to the SSL key database file before attempting to restart the server.

GLPSSL015E The underlying secure socket was closed.

Explanation: The SSL handshake did not complete successfully.

Operator Response: Ensure the client supplied the necessary information to complete the SSL handshake.

GLPSSL016E An SSL error of *LDAP_error_code* was encountered contacting consumer server *consumer_server_host*, port *consumer_server_port*.

Explanation: The supplier server could not contact the consumer server using SSL.

Operator Response: Ensure that the consumer server can be contacted using SSL with the information available from the supplier's SSL key database. In particular, check that the supplier server has a signer certificate for the consumer.

GLPSSL017E The required SSL shared libraries could not be loaded.

Explanation: The shared libraries required for SSL are loaded dynamically. A problem was encountered loading these libraries.

Operator Response: Ensure that the correct GSKit version is installed properly and restart the server.

GLPSSL018E The required SSL shared libraries encountered an internal load error.

Explanation: The shared libraries required for SSL are loaded dynamically. A problem was encountered loading these libraries.

Operator Response: Ensure that the correct GSKit version is installed properly and restart the server.

GLPSSL019E The SSL layer has reported an unidentified internal error.

Explanation: An SSL library function used by the LDAP directory or administration server failed for some unspecified reason.

Operator Response: If the problem persists, contact IBM support.

GLPSSL020E The SSL layer has reported a bad parameter.

Explanation: An SSL library function used by the LDAP directory or administration server has reported it was supplied a bad parameter.

Operator Response: If the problem persists, contact IBM support.

GLPSSL021E An attempt has been made to use a domestic key database with an export version of the SSL library.

Explanation: No distinctions are made presently between domestic and export versions of SSL, so this message should not appear. It is included here for completeness.

Operator Response: If the problem persists, contact IBM support.

GLPSSL022E Secure socket client authentication error occurred.

Explanation: Secure socket client authentication error occurred.

Operator Response: Verify that the SSL Client is valid.

GLPSSL023W Attempted to configure server for SSL in a non-SSL version of the product.

Explanation: The server that is running is a non-SSL version of the product, SSL cannot be configured on this version of the server.

Operator Response: Get an SSL version of the server if you wish to configure the server for SSL.

GLPSSL024E Failed to start with SSL. Starting in configuration only mode without SSL.

Explanation: The server was unable to start using SSL. It is starting in configuration mode only without SSL.

Operator Response: Check that the SSL port being used is valid and is not the same as the non-SSL port. After correcting any problems, restart the server.

GLPSSL025I Secure port overridden from command line, SSL will use `port=secure_port`.

Explanation: The LDAP directory administration server has assigned the secure port to the value supplied on the command line. All LDAP applications connecting with this LDAP administration directory server over SSL must use this port number.

Operator Response: Check the port value for correctness.

GLPSSL026E SSL socket initialization failed due to a problem with creating a handle.

Explanation: Secure socket initialization failed due to a problem with creating the required handle during SSL handshake.

Operator Response: If the problem persists, contact the service representative.

GLPSSL027E SSL socket initialization failed due to a problem with initializing a handle.

Explanation: Secure socket initialization failed due to a problem with initializing the required handle during SSL handshake.

Operator Response: If the problem persists, contact IBM support.

GLPSSL028I The server is operating in FIPS mode.

Explanation: No additional information is available for this message.

GLPSSL029I The server is unable to operate in FIPS mode.

Explanation: No additional information is available for this message.

GLPSSL030I The server is configured to retrieve keys from a PKCS11 device instead of a key database file.

Explanation: No additional information is available for this message.

GLPUCH001I

Command to unconfigure a change log for a directory server instance.

Usage: *program name* [-I instancename

[-f configfile] [-d debuglevel] [-b outputfile] [-q]

[-n]] | -v | -?

where:

-? Displays this help screen.

-b<outputfile> Specifies the full path of a file in which to

redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.

- d<debuglevel>** Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- f<configfile>** Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename>** Specifies the name of the directory server instance to update.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q** Run in quiet mode. All output except errors are suppressed. If the -d option is also specified, trace output is not suppressed.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPUCH002I Removing change log from directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPUCH003I Removed change log from directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPUCH004E Failed to remove change log from directory server instance: *'instance name'*.

Explanation: The program failed to remove the change log from the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPUCH005I Unconfiguring change log database *'database name'* for directory server instance: *'DB2 instance'*.

Explanation: No additional information is available for this message.

GLPUCH006I Unconfigured change log database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: No additional information is available for this message.

GLPUCH007E Failed to unconfigure change log database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: An internal error occurred while trying to unconfigure the change log database in the directory server instance configuration file.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPUCH008E A change log database is not configured for directory server instance '*instance name*'.

Explanation: Tried to delete a change log database for a directory server instance and one is not configured.

Operator Response: Drop the change log database for a directory server instance only if an instance already exists.

GLPUCH009E A database instance is not configured for directory server instance '*instance name*'.

Explanation: An attempt to delete a change log database failed because no database instance is configured for the directory server instance.

Operator Response: Drop the change log database for a directory server instance only if the database instance and database are configured. Check the contents of the `ibmslapd.conf` file of the directory server instance and verify that it has the correct database information configured.

GLPUCH010E Unable to unconfigure the change log. No change log is configured for directory server instance '*instance name*'.

Explanation: A change log database can only be unconfigured if a change log is already configured.

Operator Response: None.

GLPUCH011I Change log will be unconfigured. All data in the change log will be lost.

Explanation: No additional information is available for this message.

GLPUCH012E An internal error occurred while running the `idsucfgchglg` command.

Explanation: An internal error occurred while running `idsucfgchglg` command. This may have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPUCH013W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information about the exact error.

GLPUDB001I

Command to unconfigure a database for a directory server instance.

Usage: *program name* [-I instancename [-r]

[*-f configfile*] [*-d debuglevel*] [*-b outputfile*] [*-q*]

[*-n*]] | *-v* | *-?*

where:

GLPUDB002I • GLPUDB004E

- ?** Displays this help screen.
- b<outputfile>** Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the **-q** option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel>** Sets the debug level in the LDAP library. Use in conjunction with the **ldtrc** command.
- f<configfile>** Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename>** Specifies the name of the directory server instance to update.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q** Run in quiet mode. All output except errors are suppressed. If the **-d** option is also specified, trace output is not suppressed.
- r** Destroy any database currently configured with the directory server instance.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPUDB002I Removing the DB2 database from directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPUDB003I Removed the DB2 database from directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPUDB004E Failed to remove the DB2 database from directory server instance: *'instance name'*.

Explanation: The program failed to remove the DB2 database from the directory server instance.

Operator Response: Review earlier error messages generated from the program to determine how to respond to this error. If no previous error messages occurred, look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPUDB005I Unconfiguring database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: No additional information is available for this message.

GLPUDB006I Unconfigured database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: No additional information is available for this message.

GLPUDB007E Failed to unconfigure database '*database name*' for directory server instance: '*DB2 instance*'.

Explanation: An internal error occurred while trying to unconfigure the database in the directory server instance configuration file.

Operator Response: Look in the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program and contacting IBM support.

GLPUDB008E A database is not configured for directory server instance '*instance name*'.

Explanation: Tried to delete a database for a directory server instance and one is not configured.

Operator Response: None. Only try to drop the database for a directory server instance if one already exists.

GLPUDB009E Failed to unconfigure local loopback for directory server instance: '*instance name*'.

Explanation: The program failed to unconfigure local loopback for the directory server instance.

Operator Response: Check the directory server instance `ibmslapd.conf` file and see if the local loopback alias attribute still exists. If it does, remove the attribute from the `ibmslapd.conf` file.

GLPUDB010E A database is not configured for directory server instance '*instance name*'.

Explanation: Tried to delete a database for a directory server instance and one is not configured.

Operator Response: Only try to drop the database for a directory server instance if one already exists.

GLPUDB011E A database instance is not configured for directory server instance '*instance name*'.

Explanation: Tried to delete a database and not database instance is configured for a directory server instance.

Operator Response: Only try to drop the database for a directory server instance if the database instance and database instance are configured. Check the contents of the `ibmslapd.conf` file of the directory server instance and verify that it has the correct database information configured.

GLPUDB012E An internal error occurred while running the `idsucfgdb` command.

Explanation: An internal error occurred while running the `idsucfgdb` command. This may have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPUDB013W The program did not complete successfully. View earlier error messages for information on the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information about the exact error.

GLPUDB014E Unable to unconfigure database. No database is configured for directory server instance '*instance name*'.

Explanation: A database can only be unconfigured if a database is already configured.

Operator Response: None.

GLPUDB015I Do you want to delete the database associated with the directory server instance. Note: This will delete all data from the directory server instance.
Do you want to....

- (1) Leave this database on your system, or
- (2) Completely erase the database(and any data in it)?:

Explanation: No additional information is available for this message.

GLPUDB016I You have opted to delete the database for directory server instance. The database and data contained in directory server instance will be removed. This means you will lose all data currently stored in the database.
Do you want to....

- (1) - Continue and delete the database, or
- (2) - Exit this task without changes:

Explanation: No additional information is available for this message.

GLPUDB017I The database for directory server instance '*instance name*' will be unconfigured.

Explanation: No additional information is available for this message.

GLPUDB018I Database will be left on your system.

Explanation: No additional information is available for this message.

GLPUDB019I Database will be completely removed.

Explanation: No additional information is available for this message.

GLPUDB020I Change log will be unconfigured.

Explanation: No additional information is available for this message.

GLPUSC001I

Command to unconfigure a schema file for a directory server instance.

Usage: *program name* [-I instancename -s schemafile

[-f configfile] [-d debuglevel] [-b outputfile] [-q]

[-n]] | -v | -?

where:

- ? Displays this help screen.
- b<outputfile> Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the -q option, only errors will be sent to the file.
If debugging is turned on, debug output will be sent to this file also.

- d<debuglevel>** Sets the debug level in the LDAP library.
Use in conjunction with the ldtrc command.
- f<configfile>** Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename>** Specifies the name of the directory server instance to update.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q** Run in quiet mode. All output except errors are suppressed.
If the **-d** option is also specified, trace output is not suppressed.
- s<schemafile>** Specifies a schema file to remove from the directory server instance.
- v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPUSC002E An internal error occurred while running the idsucfgsch command.

Explanation: An internal error occurred while running idsucfgsch command. This may have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPUSC003W The program did not complete successfully. View earlier error messages for information about the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information about the exact error.

GLPUSC004I Removing schema file: '*schemafile*'.

Explanation: No additional information is available for this message.

GLPUSC005I Removed schema file: '*schemafile*'.

Explanation: No additional information is available for this message.

GLPUSC006E Failed to remove schema file: '*schemafile*'.

Explanation: An error occurred while trying to remove the schema file to the configuration file of the directory server instance.

Operator Response: Look for previous error messages that might have been generated for details on how to respond. If no other error messages are present, contact IBM support.

GLPUSC007I Schema file '*schemafile*' will be removed from the configuration file of the directory server instance '*instance name*'.

Explanation: No additional information is available for this message.

GLPUSC008E The schema file '*schemafile*' does not exist in the configuration file of the directory server instance.

Explanation: The schema file can not be removed from the configuration file of the directory server instance because it does not exist in the configuration file.

Operator Response: Verify which schema files exist in the configuration file of the directory server instance using `idsxcfg`.

GLPUSC009E Deletion of a system defined schema file '*schemafile*' is not allowed.

Explanation: The schema file cannot be removed from the configuration file of the directory server instance because it is a system defined schema file. The server will not be able to start properly if the file is deleted.

Operator Response: Verify which schema files exist in the configuration file of the directory server instance using `ldapxcfg`. If a schema file needs to be deleted, choose one that is not a system defined schema file.

GLPUSC010E The `-s` option is required and is used to specify the name of the schema file to remove.

Explanation: The `-s` option was not specified and it is required.

Operator Response: Specify the `-s` option. Use the `-?` option to see the syntax for the command.

GLPUSF001I Command to remove a suffix from a directory server instance.

Usage: *program name* [-I *instancename* -s *suffix*

[-f *configfile*] [-d *debuglevel*] [-b *outputfile*] [-q]

[-n]] | -v | -?

where:

- ?** Displays this help screen.
- b<outputfile>** Specifies the full path of a file in which to redirect output. If this option is used in conjunction with the `-q` option, only errors will be sent to the file. If debugging is turned on, debug output will be sent to this file also.
- d<debuglevel>** Sets the debug level in the LDAP library. Use in conjunction with the `ldtrc` command.
- f<configfile>** Specifies the full path to the configuration file to update. If not specified, the default configuration file for the directory server instance will be used.
- I<instancename>** Specifies the name of the directory server instance

- to update.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
 - q** Run in quiet mode. All output except errors are suppressed. If the **-d** option is also specified, trace output is not suppressed.
 - s<suffix>** Specifies a suffix to remove from the directory server instance.
 - v** Prints the version information about the command.

Explanation: No additional information is available for this message.

GLPUSF002E An internal error occurred while running the `idsucfgsuf` command.

Explanation: An internal error occurred while running `idsucfgsuf` command. This may have been caused because the program ran out of memory.

Operator Response: Attempt to run the command again. If the problem persists, contact IBM support.

GLPUSF003W The program did not complete successfully. View earlier error messages for information about the exact error.

Explanation: An error was encountered while running the program.

Operator Response: View the earlier error messages for information about the exact error.

GLPUSF004I Removing suffix: *'suffix'*.

Explanation: No additional information is available for this message.

GLPUSF005I Removed suffix: *'suffix'*.

Explanation: No additional information is available for this message.

GLPUSF006E Failed to remove suffix: *'suffix'*.

Explanation: An error occurred while trying to remove the suffix file to the configuration file of the directory server instance.

Operator Response: Look for previous error messages that might have been generated for details on how to respond. If no other error messages are present, contact IBM support.

GLPUSF007I Suffix *'suffix'* will be removed from the configuration file of the directory server instance *'instance name'*.

Explanation: No additional information is available for this message.

GLPUSF008E The suffix *'suffix'* does not exist in the configuration file of the directory server instance.

Explanation: The suffix can not be removed from the configuration file of the directory server instance because it does not exist in the configuration file.

Operator Response: Verify which suffix exists in the configuration file of the directory server instance using `idsxcfg`.

GLPUSF009E Deletion of the system defined suffix '*suffix*' is not allowed.

Explanation: A system-defined suffix can not be removed from the configuration file of a directory server instance.

Operator Response: Specify a suffix that is not a system-defined suffix. A list of system-defined suffixes can be located in the IBM Tivoli Directory Server Administration Guide.

GLPUSF010E The **-s** option is required and is used to specify the name of the suffix to remove.

Explanation: The **-s** option was not specified and it is required.

Operator Response: Specify the **-s** option. Use the **-?** option to see the syntax for the command.

GLPWRP001E Ran wrapper script on an unsupported platform: *OS*

Explanation: The script can be run only on Linux, AIX, Solaris or HP-UX.

Operator Response: Check your platform type by executing this command: `uname`. Also, verify that you have execute permissions on the `uname` command.

GLPWRP002E The executable *program name* is not installed or could not be found.

Explanation: The script could not find the executable that was going to be invoked. This is most likely occurring because the executable was removed or you do not have permissions to actually execute the program.

Operator Response: Verify that you have execute permissions on the program the script was going to execute. The program will be in the 32 or 64 directory at a level below where the script invoked is located. If the program is not present you may have to reinstall the IBM Tivoli Directory Server product. Contact IBM support if you continue to encounter problems with the script.

GLPWRP003E The java command at *location* is not installed or could not be found.

Explanation: The script could not find the java executable that was going to be invoked. This is most likely occurring because the executable was removed or you do not have permissions to actually execute the program.

Operator Response: Verify that you have execute permissions on the program the script was going to execute. If the program is not present you may have to reinstall the IBM Tivoli Directory Server product. Contact IBM support if you continue to encounter problems with the script.

GLPWRP004W Could not remove oldest archived core file because write access is needed for: *filename*.

Explanation: The script could not remove the oldest archived core file. This is most likely occurring because you do not have the necessary permissions to remove the file or to access the directory where the file resides.

Operator Response: Verify that you have write permissions on the file the script was going to delete. Contact the system administrator to remove the file if you do not have the necessary permissions.

GLPWRP005I Usage: `idsxcfg [-I instanceName]`

Explanation: No additional information is available for this message.

Appendix A. Support information

This section describes the following options for obtaining support for IBM products:

- “Searching knowledge bases”
- “Obtaining fixes”
- “Contacting IBM Software Support” on page 200

Searching knowledge bases

If you have a problem with your IBM software, you want it resolved quickly. Begin by searching the available knowledge bases to determine whether the resolution to your problem is already documented.

Search the information center on your local system or network

IBM provides extensive documentation that can be installed on your local computer or on an intranet server. You can use the search function of this information center to query conceptual information, instructions for completing tasks, reference information, and support documents.

Search the Internet

If you cannot find an answer to your question in the information center, search the Internet for the latest, most complete information that might help you resolve your problem. To search multiple Internet resources for your product, expand the product folder in the navigation frame to the left and select **Web search**. From this topic, you can search a variety of resources including:

- IBM technotes
- IBM downloads
- IBM Redbooks™
- IBM developerWorks®
- Forums and newsgroups
- Google

Obtaining fixes

A product fix might be available to resolve your problem. You can determine what fixes are available for your IBM software product by checking the product support Web site:

1. Go to the IBM Software Support Web site (<http://www.ibm.com/software/support>).
2. Under **Products A - Z**, select your product name. This opens a product-specific support site.
3. Under **Self help**, follow the link to **All Updates**, where you will find a list of fixes, fix packs, and other service updates for your product. For tips on refining your search, click **Search tips**.
4. Click the name of a fix to read the description and optionally download the fix.

To receive weekly e-mail notifications about fixes and other news about IBM products, follow these steps:

1. From the support page for any IBM product, click **My support** in the upper-right corner of the page.
2. If you have already registered, skip to the next step. If you have not registered, click register in the upper-right corner of the support page to establish your user ID and password.
3. Sign in to **My support**.
4. On the My support page, click **Edit profiles** in the left navigation pane, and scroll to **Select Mail Preferences**. Select a product family and check the appropriate boxes for the type of information you want.
5. Click **Submit**.
6. For e-mail notification for other products, repeat Steps 4 and 5.

For more information about types of fixes, see the *Software Support Handbook* (<http://techsupport.services.ibm.com/guides/handbook.html>).

Contacting IBM Software Support

IBM Software Support provides assistance with product defects.

Before contacting IBM Software Support, your company must have an active IBM software maintenance contract, and you must be authorized to submit problems to IBM. The type of software maintenance contract that you need depends on the type of product you have:

- For IBM distributed software products (including, but not limited to, Tivoli, Lotus®, and Rational® products, as well as DB2 and WebSphere® products that run on Windows or UNIX operating systems), enroll in Passport Advantage® in one of the following ways:
 - **Online:** Go to the Passport Advantage Web page (http://www.lotus.com/services/passport.nsf/WebDocs/Passport_Advantage_Home) and click **How to Enroll**
 - **By phone:** For the phone number to call in your country, go to the IBM Software Support Web site (<http://techsupport.services.ibm.com/guides/contacts.html>) and click the name of your geographic region.
- For IBM eServer™ software products (including, but not limited to, DB2 and WebSphere products that run in zSeries®, pSeries®, and iSeries™ environments), you can purchase a software maintenance agreement by working directly with an IBM sales representative or an IBM Business Partner. For more information about support for eServer software products, go to the IBM Technical Support Advantage Web page (<http://www.ibm.com/servers/eserver/techsupport.html>).

If you are not sure what type of software maintenance contract you need, call 1-800-IBMSERV (1-800-426-7378) in the United States or, from other countries, go to the contacts page of the IBM Software Support Handbook on the Web (<http://techsupport.services.ibm.com/guides/contacts.html>) and click the name of your geographic region for phone numbers of people who provide support for your location.

Follow the steps in this topic to contact IBM Software Support:

1. Determine the business impact of your problem.
2. Describe your problem and gather background information.

3. Submit your problem to IBM Software Support.

Determine the business impact of your problem

When you report a problem to IBM, you are asked to supply a severity level. Therefore, you need to understand and assess the business impact of the problem you are reporting. Use the following criteria:

Severity 1	Critical business impact: You are unable to use the program, resulting in a critical impact on operations. This condition requires an immediate solution.
Severity 2	Significant business impact: The program is usable but is severely limited.
Severity 3	Some business impact: The program is usable with less significant features (not critical to operations) unavailable.
Severity 4	Minimal business impact: The problem causes little impact on operations, or a reasonable circumvention to the problem has been implemented.

Describe your problem and gather background information

When explaining a problem to IBM, be as specific as possible. Include all relevant background information so that IBM Software Support specialists can help you solve the problem efficiently. To save time, know the answers to these questions:

- What software versions were you running when the problem occurred?
- Do you have logs, traces, and messages that are related to the problem symptoms? IBM Software Support is likely to ask for this information.
- Can the problem be re-created? If so, what steps led to the failure?
- Have any changes been made to the system? (For example, hardware, operating system, networking software, and so on.)
- Are you currently using a workaround for this problem? If so, please be prepared to explain it when you report the problem.

Submit your problem to IBM Software Support

You can submit your problem in one of two ways:

- **Online:** Go to the "Submit and track problems" page on the IBM Software Support site (<http://www.ibm.com/software/support/probsub.html>). Enter your information into the appropriate problem submission tool.
- **By phone:** For the phone number to call in your country, go to the contacts page of the IBM Software Support Handbook on the Web (techsupport.services.ibm.com/guides/contacts.html) and click the name of your geographic region.

If the problem you submit is for a software defect or for missing or inaccurate documentation, IBM Software Support creates an Authorized Program Analysis Report (APAR). The APAR describes the problem in detail. Whenever possible, IBM Software Support provides a workaround for you to implement until the APAR is resolved and a fix is delivered. IBM publishes resolved APARs on the IBM product support Web pages daily, so that other users who experience the same problem can benefit from the same resolutions.

For more information about problem resolution, see Searching knowledge bases and Obtaining fixes.

Appendix B. Notices

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