

IBM Tivoli Directory Server



Messages Guide

Version 6.1

IBM Tivoli Directory Server



Messages Guide

Version 6.1

Note

Before using this information and the product it supports, read the general information under "Notices," on page 339.

This edition applies to version 6, release 1, of IBM Tivoli Directory Server and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this book

IBM® Tivoli® Directory Server is the IBM implementation of Lightweight Directory Access Protocol for Windows®, AIX®, Linux® (xSeries®, zSeries®, pSeries®, and iSeries™), Solaris, and Hewlett-Packard UNIX® (HP-UX) operating systems.

IBM Tivoli Directory Server Version 6.1 Messages Guide provides a list of all informational, warning, and error messages associated with IBM Tivoli Directory Server 6.1.

Intended audience for 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

This section lists publications in the IBM Tivoli Directory Server version 6.1 library and related documents. The section also describes how to access Tivoli publications online and how to order Tivoli publications.

IBM Tivoli Directory Server version 6.1 library

The following documents are available in the IBM Tivoli Directory Server version 6.1 library:

- *IBM Tivoli Directory Server Version 6.1 What's New for this Release*, SC23-6539-00
Provides information about the new features in the IBM Tivoli Directory Server Version 6.1 release.
- *IBM Tivoli Directory Server Version 6.1 Quick Start Guide*, GI11-8172-00
Provides help for getting started with IBM Tivoli Directory Server 6.1. Includes a short product description and architecture diagram, as well as a pointer to the product Information Center and installation instructions.
- *IBM Tivoli Directory Server Version 6.1 System Requirements*, SC23-7835-00
Contains the minimum hardware and software requirements for installing and using IBM Tivoli Directory Server 6.1 and its related software. Also lists the supported versions of co-requisite products such as DB2® and GSKit.
- *IBM Tivoli Directory Server Version 6.1 Installation and Configuration Guide*, GC32-1560-00
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 6.1 Administration Guide*, GC32-1564-00
Contains instructions for performing administrator tasks through the Web Administration Tool and the command line.
- *IBM Tivoli Directory Server Version 6.1 Command Reference*, SC23-7834-00
Describes the syntax and usage of the command-line utilities included with IBM Tivoli Directory Server.
- *IBM Tivoli Directory Server Version 6.1 Server Plug-ins Reference*, GC32-1565-00
Contains information about writing server plug-ins.

- *IBM Tivoli Directory Server Version 6.1 Programming Reference*, SC23-7836-00
Contains information about writing Lightweight Directory Access Protocol (LDAP) client applications in C and Java™.
- *IBM Tivoli Directory Server Version 6.1 Performance Tuning and Capacity Planning Guide*, SC23-7836-00
Contains information about tuning the directory server for better performance. Describes disk requirements and other hardware needs for directories of different sizes and with various read and write rates. Describes known working scenarios for each of these levels of directory and the disk and memory used; also suggests rough rules of thumb.
- *IBM Tivoli Directory Server Version 6.1 Problem Determination Guide*, GC32-1568-00
Contains information about possible problems and corrective actions that can be tried before contacting IBM Software Support.
- *IBM Tivoli Directory Server Version 6.1 Messages Guide*, GC32-1567-00
Contains a list of all informational, warning, and error messages associated with IBM Tivoli Directory Server 6.1.
- *IBM Tivoli Directory Server Version 6.1 White Pages*, SC23-7837-00
Describes the Directory White Pages application, which is provided with IBM Tivoli Directory Server 6.1. Information is provided about installing, configuring, and using the application for both administrators and users.

Related publications

The following documents also provide useful information:

- *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>.
IBM Tivoli Directory Server Version 6.1 uses the JNDI client from Sun Microsystems. See this document for information about the JNDI client.

Accessing terminology online

The *Tivoli Software Glossary* includes definitions for many of the technical terms related to Tivoli software. The *Tivoli Software Glossary* is available at the following Tivoli software library Web site:

<http://publib.boulder.ibm.com/tividd/glossary/tivoliglossarymst.htm>

The IBM Terminology Web site consolidates the terminology from IBM product libraries in one convenient location. You can access the Terminology Web site at the following Web address:

<http://www.ibm.com/software/globalization/terminology>

Accessing publications online

IBM posts publications for this and all other Tivoli products, as they become available and whenever they are updated, to the Tivoli Information Center Web site at <http://publib.boulder.ibm.com/tividd/td/link/tdprodlist.html>.

In the Tivoli Information Center window, click **Tivoli product manuals**. Click the letter that matches the first letter of your product name to access your product library. For example, click **M** to access the IBM Tivoli Monitoring library or click **O** to access the IBM Tivoli OMEGAMON® library.

Note: If you print PDF documents on other than letter-sized paper, set the option in the **File** → **Print** window that allows Adobe® Reader to print letter-sized pages on your local paper.

Ordering publications

You can order many Tivoli publications online at <http://www.elink.ibm.link.ibm.com/public/applications/publications/cgibin/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, contact your software account representative to order Tivoli publications. To locate the telephone number of your local representative, perform the following steps:

1. Go to <http://www.elink.ibm.link.ibm.com/public/applications/publications/cgibin/pbi.cgi>.
2. Select your country from the list and click **Go**.
3. Click **About this site** in the main panel to see an information page that includes the telephone number of your local representative.

Accessibility

Accessibility features help users with 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 can also use the keyboard instead of the mouse to operate all features of the graphical user interface.

For additional information, see the Accessibility Appendix in the *IBM Tivoli Directory Server Version 6.1 Installation and Configuration Guide*.

Tivoli technical training

For Tivoli technical training information, refer to the following IBM Tivoli Education Web site at <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:

- **IBM Support Assistant:** You can search across a large collection of known problems and workarounds, Technotes, and other information at <http://www.ibm.com/software/support/isa>.
- **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 resolving problems, see the *IBM Tivoli Directory Server Version 6.1 Problem Determination Guide*.

Conventions used in this book

This book uses several conventions for special terms and actions, operating system-dependent commands and paths, and margin graphics.

Typeface conventions

This book uses the following typeface conventions:

Bold

- Lowercase commands and mixed case commands that are otherwise difficult to distinguish from surrounding text
- Interface controls (check boxes, push buttons, radio buttons, spin buttons, fields, folders, icons, list boxes, items inside list boxes, multicolumn lists, containers, menu choices, menu names, tabs, property sheets), labels (such as **Tip:**, and **Operating system considerations:**)
- Keywords and parameters in text

Italic

- Citations (examples: titles of books, diskettes, and CDs)
- Words defined in text (example: a nonswitched line is called a *point-to-point line*)
- Emphasis of words and letters (words as words example: "Use the word *that* to introduce a restrictive clause."; letters as letters example: "The LUN address must start with the letter *L*.")
- New terms in text (except in a definition list): a *view* is a frame in a workspace that contains data.
- Variables and values you must provide: ... where *myname* represents....

Monospace

- Examples and code examples
- File names, programming keywords, and other elements that are difficult to distinguish from surrounding text
- Message text and prompts addressed to the user
- Text that the user must type
- Values for arguments or command options

Operating system-dependent variables and paths

This book uses the UNIX convention for specifying environment variables and for directory notation.

When using the Windows command line, replace *\$variable* with *% variable%* for environment variables and replace each forward slash (*/*) with a backslash (**) in directory paths. The names of environment variables are not always the same in the Windows and UNIX environments. For example, *%TEMP%* in Windows environments is equivalent to *\$TMPDIR* in UNIX environments.

Note: 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 IBM Tivoli Directory Server.

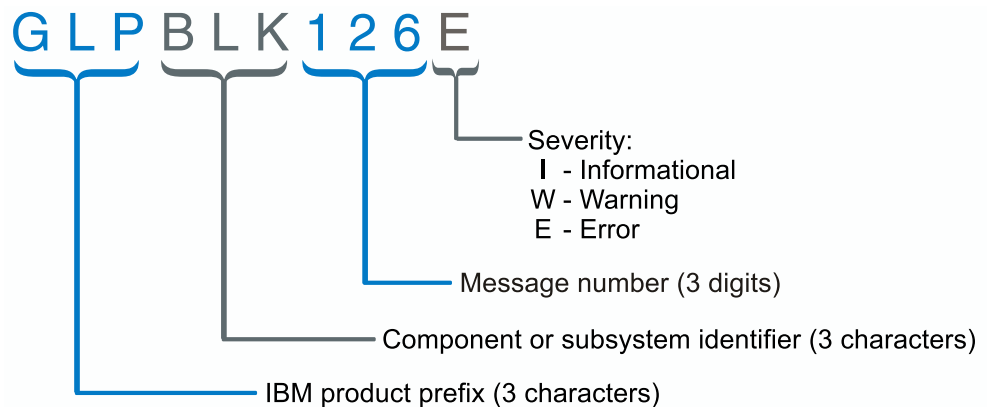
Message format

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
ADC	Active Directory synchronization configuration
ADM	Admin Daemon process

Component identifier	Component
ADR	Active Directory synchronization runtime
BLK	bulkload utility
CAT	Catalog files
CCH	idscfgchglg utility
CDB	idscfgdb utility
CFG	idsxcfg and idsxinst utilities
COM	Common server libraries
CRY	Encryption seed and encryption salt
CSC	idscfgsch utility
CSF	idscfgsuf utility
CTL	Common configuration tools libraries
D2L	db2ldif utility
DBB	dbback utility
DBM	idsdbmigr utility
DBR	dbrestore utility
DDS	ddsetup utility
DPW	idsdnpw utility
DSM	DSML
GRP	idsadduser utility
HST	idssethost utility
ICR	idsicrt utility
IDL	idsideploy utility
IDP	idsidrop utility
ILT	idsilist utility
INS	Installation
ISA	Installation utilities
JBP	IBM Tivoli Directory Server Java Naming and Directory Interface (JNDI) Toolkit
KEY	idsgendirksf utility
L2D	ldif2db utility
LMT	Log management
MIG	idsimigr utility
PFT	Performance tuning tool
PRT	idssetport utility
PXY	Proxy server
RDB	Server RDBM
RPL	Server replication
RUN	runstats utility
SCH	Schema
SRV	Server front end
SSL	Server SSL

Component identifier	Component
UCH	idsucfgchglg utility
UDB	idsucfgdb utility
USC	idsucfgsch utility
USF	idsucfgsuf utility
WCO	Web Administration Tool: Console administration
WDM	Web Administration Tool: Schema management, Directory management, Realms and templates, Users and groups
WRM	Web Administration Tool: Replication management
WRP	Wrapper script messages
WSA	Web Administration Tool: Server administration, Proxy administration, User properties

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:

GLPCFG019W Are you sure you want to delete the selected suffix?
 GLPSRV084W Trace enabled from command line.
 GLPWC0035W Connected to administration daemon. Not all operations are available.

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

GLPADC001I

Command to configure Active Directory Server to IBM Tivoli Directory Server Synchronization solution.

Usage: *program name* [-I instance_name

```
-adb AD_Search_Base_DN      -adD AD_Login_DN
-adg AD_Group_Container_DN  -adH AD_LDAP_URL
-adu AD_User_Container_DN   -adw AD_Login_Password
-idsg TDS_Group_Container_DN -idss TDS_Suffix
-idsu TDS_User_Container_DN [-Z]]
[-d debug_level] [-b output_file] [-q] [-n]] | [-isCfg] | -v | -?
```

where:

-I	instance_name	Specifies the name of the directory server instance to synchronize.
-adb	AD_Search_Base_DN	Specifies the subtree in Active Directory from which the AD Sync Solution is to propagate changes.
-adD	AD_Login_DN	Specifies the Active Directory Login Name.
-adg	AD_Group_Container_DN	Specifies the list of Active Directory LDAP subtrees from which groups in Active Directory will be synchronized to TDS.
-adH	AD_LDAP_URL	Specifies the LDAP URL and port for the Active Directory Domain Controller.
-adu	AD_User_Container_DN	Specifies the DN of the container in Active Directory that contains the user entries to be synchronized with TDS.
-adw	AD_Login_Password	Specifies the password for the Active Directory Login Name.
-b	output_file	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.
-d	debug_level	Sets the debug level. Use in conjunction with the ldtrc command.

GLPADC003E • GLPADC010E

- idsg TDS_Group_Container_DN** Specifies the DN of the TDS container into which groups from this Active Directory will be copied. This container must exist in TDS.
- idss TDS_Suffix** Used internally.
- idsu TDS_User_Container_DN** Specifies the DN of the container in TDS into which users will be copied from Active Directory. This container must exist.
- isCfg** Returns a message about the AD Sync solution configuration status for this instance.
- 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 is suppressed.
- v** Prints the version information for this command.
- Z** Use an SSL connection to connect to Active Directory.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPADC003E The directory server instance '*instance name*' does not exist.

Explanation: Incorrect instance name, or the instance is not configured properly.

Operator response: Create or configure the instance and configure the synchronization feature.

GLPADC004I Creating external properties files for directory server instance: '*instance name*'

GLPADC005I Successfully created external properties files for directory server instance: '*instance name*'.

GLPADC008E Incorrect version for Directory server instance: '*instance name*'

Explanation: Only instances created with IBM Tivoli Directory Server V6.1 and higher are supported by the AD to TDS Synchronization solution.

Operator response: Verify that the instance used to configure the AD to TDS Synchronization solution was created using a supported version of Tivoli Directory Server.

GLPADC009I The Solution configuration property files (adsync_private.prop or adsync_public.prop or both) for directory server instance '*instance name*' already exist. Copying these files to adsync_private.prop.sav and adsync_public.prop.sav.

GLPADC010E Failed to generate unique port number for Cloudscape database while configuring the solution for instance: '*instance name*'.

Explanation: The command could not generate a unique port number for the Cloudscape™ database. There were port number conflicts at various random port numbers generated by the command.

Operator response: Configure a unique, non-conflicting port number in the instance home directory (in the solution.properties file) for the com.ibm.di.store.database property.

GLPADC011E Failed to generate unique port number for remote API while configuring the solution for instance: *'instance name'*

Explanation: The command could not generate a unique port number for the remote API parameter. There were port number conflicts at various random port numbers generated by the command.

Operator response: Configure a unique, non-conflicting port number in the instance home directory (in the solution.properties file) for the api.remote.naming.port property.

GLPADC012I AD to TDS Sync solution configured for directory server instance: *'instance name'*.

GLPADC013I AD to TDS Sync solution is not configured for the directory server instance: *'instance name'*.

GLPADC014I Create / configure property files required for Active Directory to IBM Tivoli Directory Server synchronization solution, at the directory instance home directory for directory server instance: *'instance name'*

GLPADC015I Failed to create/configure external properties files for directory server instance: *'instance name'*.

GLPADM001I

Command to start or stop the administration server for a directory instance.

Usage: *program name* [-I instance_name [-f config_file] [-h debug_level] [-t]

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

where:

- c Run the administration server in console mode.
- f config_file Specifies the full path to the configuration file to use. If not specified, the default configuration file for the directory instance will be used.
- h debug_level Sets the debug level.
Use in conjunction with the ldtrc command.
- h ? Displays help for debug levels.
- I instance_name Specifies the name of the directory instance to administer.
- k Stops the directory administration for this instance if it is running.
- p port Specifies the port to use for directory administration.
- s secure_port Specifies the secure port to use for directory administration.
- t Tail the server log until final start-up messages are displayed on the console.
- v Prints the version information for this command.
- ? Displays the usage.

Explanation: No additional information is available for this message.

GLPADM002I

Command to start or stop the administration server for a directory instance.

Usage: *program name* [-I instance_name [-f config_file] [-h debug_level]

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

where:

- f config_file Specifies the full path to the configuration file to use. If not specified, the default configuration file for the directory instance will be used.
- h debug_level Sets the debug level.
Use in conjunction with the ldtrc command.
- h ? Displays help for debug levels.
- I instance_name Specifies the name of the directory instance to administer.
- i Installs the administration server for this instance as a service.
- k Stops the directory administration for this instance if it is running.
- p port Specifies the port to use for the directory administration server.
- s secure_port Specifies the secure port to use for the directory administration server.
- u Removes the service for the administration server for this instance.
- v Prints the version information for this command.
- ? Displays the usage.

Explanation: No additional information is available for this message.

GLPADM003E Unable to complete the initial feature registration.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV063E. The Administration Daemon was unable to register all the known features. This functionality is necessary for the Web Administration Tool 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 Software 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV100E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV014E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV085E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV015I.

GLPADM010I Admin Daemon is configured for secure connections.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV016I.

GLPADM011I Admin Daemon is configured for secure connections only.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV017I.

GLPADM012I Admin Daemon is configured to use TLS.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV018I.

GLPADM013I Admin Daemon is configured for secure connections and TLS.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV019I.

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

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV020I.

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

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV021I.

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

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV022E. 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 nonsecure 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 nonsecure port.

GLPADM017I Configuration file was read successfully.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV003I.

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

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV006E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV008E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV011E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV012E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV088E. The *ibmdiradm* program is unable to run because of an initialization error.

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

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

Explanation: The Admin Daemon failed to 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 must be created in the local *tmp* directory of the directory server instance (for example, in the *ibmslapd-instance\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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV115E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV144E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPADM054I or GLPADM055I.

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 Software 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 might have occurred because the Admin Daemon was already stopped.

Operator response: Verify that the Admin Daemon exists on the computer and is running. If necessary, stop the Admin Daemon manually using the kill command on AIX, Linux, Solaris, and HP-UX systems or through the Windows Services panel on Windows systems.

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

Explanation: An attempt 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 that 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 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 Admin Daemon instance. If the problem persists, contact IBM Software Support.

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

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. The Admin Daemon server is 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.

GLPADM041I Admin Daemon server stopping.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPADM054I or GLPADM055I. The Admin Daemon server is stopping.

GLPADM042E No Admin Audit entry found in the configuration 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 IBM Tivoli Directory Server Administration Guide for instructions for enabling Admin Daemon auditing.

GLPADM043E The `-k` and `-i` options cannot be used together.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV127E. You 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` options cannot be used together.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV128E. You 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** options cannot be used together.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV129E. You 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV103E. 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. See GLPSRV130I.

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

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. 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 Incorrect port number specified: *port number*. Port number must be numeric, in the range 1 - 65535.

Explanation: The specified port number is not valid.

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

GLPADM053W The Admin Daemon audit configuration entry: *entry DN* is missing some values. The default values will be used.

Explanation: The Admin Daemon audit configuration entry does not contain all the attributes. Default values will be used for all missing values.

Operator response: Correct the entry to contain all the configurable values.

GLPADM054I Terminated Admin Daemon instance '*instance name*' normally.

Explanation: No additional information is available for this message.

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GLPADM055I Admin Daemon unable to shut down; exiting now.

Explanation: No additional information is available for this message.

GLPADM056I Admin Daemon starting.

Explanation: No additional information is available for this message.

GLPADM057I Terminating Admin Daemon.

Explanation: No additional information is available for this message.

GLPADR001I

Command to run Active Directory Server to IBM Tivoli Directory Server Synchronization solution.

Usage: *program name* -I instance_name [-k]

[*-d debug_level*] [*-b output_file*] [*-q*] [*-n*] [*-x*] | *-v* | *-?*

where:

- b output_file** 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 debug_level** Sets the debug level. Use in conjunction with the **ldtrc** command.
- I instance_name** Specifies the name of the directory server instance
- k** Stop the Active Directory Synchronization solution if it is running
- q** Run in quiet mode. All output except errors is suppressed.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- v** Prints the version information for this command.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPADR002I

Do you want to ...

- (1) Run full synchronization of the entries from Active Directory Server to IBM Tivoli Directory Server followed by real time synchronization, or
- (2) Run real-time synchronization:

Explanation: No additional information is available for this message.

GLPADR003I Active Directory to IBM Tivoli Directory Server Full Synchronization for directory server instance *'instance name'* started.

GLPADR004I Active Directory to IBM Tivoli Directory Server Full Synchronization solution for directory server instance *'instance name'* is complete.

GLPADR005I AD to TDS Real time Synchronization for directory server instance *'instance name'* is in progress.

GLPADR006E AD to TDS Synchronization for directory server instance: *'instance name'* failed.

Explanation: AD to TDS Synchronization failed

Operator response: Verify that the `adsync_public.prop` and `adsync_private.prop` files exist in the instance home directory. Also refer to the log file in the logs folder in the instance home directory for more details about the failure.

GLPADR007E TDS server instance *'instance name'* is not accessible.

Explanation: The TDS server instance is not accessible.

Operator response: Verify the status of the TDS server instance, and then start the server with the instance if it is not running.

GLPADR008E AD to TDS Synchronization solution is not configured for TDS server instance *'instance name'*.

Explanation: The AD to TDS Synchronization solution is not configured for the TDS server instance. Configure the solution and then run the synchronization.

Operator response: Configure the solution and then run the synchronization utility.

GLPADR009E Incorrect version for directory server instance *'instance name'*

Explanation: Only instances created with IBM Tivoli Directory Server V6.1 and higher are supported by the AD to TDS Synchronization solution.

Operator response: Verify that the instance used to configure the AD to TDS Synchronization solution was created using a supported version of IBM Tivoli Directory Server.

GLPADR010E The directory server instance *'instance name'* does not exist.

Explanation: Incorrect instance name, or the instance is not configured properly.

Operator response: Create or configure the instance and configure the synchronization feature.

GLPADR011I Refer to the details (Success/Failure) of the operation in the instance log folder at: *'instance log'*.

GLPADR012I Start Active Directory to IBM Tivoli Directory Server synchronization with the Instance: *'instance name'*.

GLPADR013I Stop Active Directory to IBM Tivoli Directory Server synchronization with the Instance: *'instance name'*.

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 *input_file* [options]

where:

GLPBLK0011

input_file: 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 recreate_index** Recreate dropped indexes after load (yes or no).
- C recreate_index** Recreate dropped indexes after load (yes or no).
- d debug_level** Set debug level.
- E number** Limit parsing errors reported.
- e drop_index** Drop indexes before load (yes or no).
- f config_file** Directory server configuration file
- g** Do not strip trailing spaces on attribute values.
- G** Add members/uniquemembers to existing groups.
- I instance_name** The name of the directory server instance
- k number** The chunk size of each parse load
- L path** Directory for temporary data
- n** Load is non-recoverable.
- N** Load is non-recoverable.
- o filename** Output file for operational attributes
- p password_policy_on** Password policy on (yes or no)
- P password_policy_on** Password policy on (yes or no)
- R remove_directory** 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 filename** Operational attribute input file.
- v** Run in verbose mode.
- W outputfile** Specifies the full path of a file in which to redirect output.
- x translate_values** Translate entry values to database code page, necessary

only when entries are stored in non UTF-8

databases (yes or no).

-X translate_values Translate entry values to database code page, necessary.

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

-? Displays the usage.

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 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 an AIX, Linux, Solaris, or HP-UX 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 the -k option to reduce the temporary file size.

GLPBLK008E The bulkload utility was unable to read the 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 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 operating system). For example, the following are valid

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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 ldif2db utility cannot translate the value at the 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 IBM Tivoli Directory Server 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 incorrect 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 incorrect 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 incorrect 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 value 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 incorrect 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 incorrect 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 incorrect 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 incorrect 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 incorrect 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 Value of 0 specified for option -k not valid.

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.

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

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

Operator response: Specify the -a option 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 the -k option is specified.

Explanation: You specified -R with an incorrect 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 incorrect character delimiter. The default delimiter '|' will be used.

Explanation: The specified string delimiter is not valid. Acceptable characters are any 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, and 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 options is allowed.

Operator response: Specify either the -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 options is allowed.

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

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

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

Operator response: Specify either the -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 give 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 back up 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' option 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 succeed only 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 The load only option is chosen but the 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.

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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 UUID '*UUID*' in input file not valid.

Explanation: An incorrect 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 incorrect ACL definition.

Explanation: The entry DN above the line specified in the error message contains an incorrect 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 DN '*DN*' detected at line *line number* not valid.

Explanation: The DN at the line specified in the error message is not valid. 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 has 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.

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GLPBLK065E Attribute '*attribute name*' at line *line number* is not defined in the 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 that 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 incorrect 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 a 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 Software 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, contact IBM Software 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 -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, contact IBM Software 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 the -L option. Either the file system is full or, on AIX, Linux, Solaris, and HP-UX systems, the maximum file size limit has been reached. Bulkload is unable to continue.

Operator response: If this is an AIX, Linux, Solaris, or HP-UX 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 the -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, contact IBM Software 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, contact IBM Software 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 *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, contact IBM Software 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, contact IBM Software 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, contact IBM Software 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 • GLPBLK122E

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, contact IBM Software 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, is loaded into the database successfully.

Operator response: You can 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, contact IBM Software Support.

GLPBLK116E Line detected: *line* not valid.

Explanation: bulkload could not parse the line. bulkload detected data on the specified line that is not valid.

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 data on the specified line that is not valid.

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 data on the specified line that is not valid.

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 Software Support.

GLPBLK120E Line detected while parsing entries: *line* not valid.

Explanation: bulkload could not parse the line. bulkload detected data on the specified line that is not valid.

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 data on the specified line that is not valid.

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 data on the specified line that is not valid.

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

GLPBLK123E DN '*DN*' detected at line *line number* while parsing entries not valid.

Explanation: The DN at the line specified in the error message is not valid. 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 data on the specified line that is not valid.

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 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, contact IBM Software 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, contact IBM Software 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 must 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 must be specified.

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

GLPBLK132E Line detected: *line* not valid.

Explanation: bulkload could not parse the line. bulkload detected data that is not valid on the specified line.

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

GLPBLK133E • GLPBLK142E

GLPBLK133E Codepage conversion failed at line: *line*

Explanation: bulkload could not parse the line. bulkload detected data that is not valid 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 data on the specified line that is not valid.

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, contact IBM Software 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, contact IBM Software 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, contact IBM Software 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, contact IBM Software 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 Software 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, is loaded into the database successfully.

Operator response: You can 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 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 the -L option. Either the file system is full or, on AIX, Linux, Solaris, and HP-UX systems, the maximum file size limit has been reached. Bulkload is unable to continue.

Operator response: If this is an AIX, Linux, Solaris, or HP-UX 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 the -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, contact IBM Software 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, contact IBM Software 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 a bulkload status file might indicate that a previous parse-only bulkload was run successfully or a previous bulkload execution failed.

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

GLPBLK152E • GLPBLK161E

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 incorrect value for operational attribute *attribute name*

Explanation: The entry contains an value that is not valid 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 attributes in plain text form. This violates the schema rule 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 rule 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 attributes in LDAP control and plain text format. This violates the schema rule that operational attributes must be single-valued.

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

GLPBLK158E Nested groups exist in the database and nested group processing is not enabled. Bulkload will stop.

Explanation: A nested group entry has been found in the directory database, and nested group processing in bulkload is not enabled. This can affect data integrity.

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

GLPBLK159E Nested groups exist in the input file and nested group processing is not enabled. Bulkload will stop.

Explanation: A nested group entry has been found in the input file, and nested group processing in bulkload is not enabled. This can affect data integrity.

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

GLPBLK161E Suffix entry '*Suffix entry DN*' does not exist.

Explanation: The suffix entry does not exist in the database nor in the input LDIF file. Parsing of the child entries in the LDIF file cannot continue.

Operator response: Add the suffix entry in the LDIF file and try loading again.

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 Software Support.

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 that 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 Software Support.

GLPCCH001I

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

Usage: *program_name* [-I *instance_name*

[-m *max_entries*] [-y *max_days*] [-h *max_hours*]

[-f *config_file*] [-d *debug_level*] [-b *output_file*] [-q]

[-n]] | -v | -?

where:

- b *output_file*** 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 *debug_level*** Sets the debug level. Use in conjunction with the **ldtrc** command.
- f *config_file*** 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 *max_hours*** Specify in hours the maximum amount of time to keep entries in the change log. Can be combined with **-y *max_days*** to specify the maximum age

- of a change log entry.
- I *instance_name* Specifies the directory server instance to update.
 - m *max_entries* 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.
 - 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 is suppressed. If the -d option is also specified, trace output is not suppressed.
 - v Prints the version information about the command.
 - y *max_days* Specify in days the maximum amount of time to keep entries in the change log. Can be combined with -h *max_hour* to specify the maximum age of a change log entry. A value of specifying the -h option to 0 means that there is no age limit on entries in the change log.
 - ? Displays the usage.

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 Software 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 Software 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 be created only 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 be configured only 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 • GLPCCH025E

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: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, run the command again. If the problem persists, contact IBM Software Support.

GLPCCH019W 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.

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 Software 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 Software 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 instance_name

[-w db_admin_pw] [-a db_admin_id -t db_name -l db_location [-x]]

[-f config_file] [-d debug_level] [-b output_file] [-q]

[-n]] | -v | -?

where:

- a db_admin_id DB2 administrator ID. The DB administrator must already exist on the system and have proper authority.
- b output_file 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 debug_level Sets the debug level. Use in conjunction with the ldtrc command.
- f config_file 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 instance_name Specifies the name of the directory server instance to update.
- l db_location DB2 database location. For AIX, Linux, Solaris, and HP-UX systems, this is a directory name (i.e., /home/ldapdb2). For Windows systems, this must be a drive letter. There must 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 is suppressed. If the **-d** option is also specified, trace output is not suppressed.

-t db_name DB2 database name.

-v Prints the version information about the command.

-w db_admin_pw DB2 administrator password.

-x Create the DB2 database in a local codepage.

-? Displays the usage.

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 Software 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 Software 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 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: Create a database only 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 Software Support.

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

Explanation: The location chosen to configure a database is 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 required only 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 administrator's 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 be configured only 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, *'user name'*, is not a valid name and violates the DB2 database name naming rules.

Explanation: The program failed because a user name that is not valid was specified.

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

GLPCDB018E • GLPCDB025E

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 include only 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 computer 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 is 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 in which to create the database 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: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, run the command again. If the problem persists, contact IBM Software Support.

GLPCDB026W 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.

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 Software 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: Verify that the user name exists on the computer and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM Software 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: Verify that the user name exists on the computer and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM Software 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 Software 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 does 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 will 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 will 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 required.

Explanation: One or more fields do not have any value. You must specify values for all the fields.

Operator response: Complete all fields on the panel.

GLPCFG002E Invalid DN.

Explanation: A DN is specified that does not conform to the standards. You must use a well-formed distinguished name; for example, 'cn=user, o=ibm, c=us'.

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

GLPCFG003E Passwords do not match.

Explanation: The current panel has a field for the password and another for confirming the password. The password entered in the two fields must be exactly the same in order to set the password. These fields are case-sensitive. The values specified in the two fields do not match.

Operator response: Verify that the values in the two fields 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 the operation 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 does not exist on the system, is not accessible because of insufficient access rights for the user running this tool, or is not a directory.

Operator response: Verify that the path is an existing directory on the system and the user has sufficient access rights for 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 operating system for successful completion. The drive must be local to the system and not a network drive. The drive specified for this operation does not satisfy this requirement.

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 in a valid location on the operating system for successful completion. The location specified for this operation does not satisfy this requirement.

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, see the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software Support.

GLPCFG010E Specified file does not exist.

Explanation: The file path specified does not exist on the system, is not accessible because of insufficient access rights for the user running this tool, or 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 for it.

GLPCFG011E • GLPCFG020W

GLPCFG011E No file name specified.

Explanation: An attempt has been made to complete the operation without specifying a 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 is a numeric field and requires a valid numeric value. The value cannot contain any characters other than 0-9 (and '-' to specify a negative value).

Operator response: Enter a valid number.

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

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

Operator response: Confirm whether you want to disable the change log.

GLPCFG014I Change log is not currently configured.

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 you want the file to be overwritten. If not, specify a different file name.

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 by the server. These files cannot be deleted. You are attempting to delete one of these reserved schema files.

Operator response: Do not attempt to delete any of the 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 by the server. These suffixes cannot be deleted. You are attempting to delete one of these reserved suffixes.

Operator response: Do not attempt to delete any of the 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 you want to delete the suffix.

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 you want to delete the suffixes.

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 you want to delete the entry.

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 you want to delete the entries.

GLPCFG023W No suffixes are currently available.

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

Operator response: If you believe that suffixes are present in the directory server instance, verify that the directory server configuration file is present and not corrupted. If the file is present and is not corrupted, see the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software Support.

GLPCFG024W No schema files currently available.

Explanation: No schema files are 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 Software 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 Software Support.

GLPCFG026E Failed to add file *filename* schema file.

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

Operator response: Check to see 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 Software 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 Software 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 Software 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 operating system in order to successfully complete the operation. The drive must be local to the system and not a network drive. The drive specified for this operation does not satisfy this requirement.

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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 user on the operating system, or the password for the specified user is incorrectly entered.

Operator response: Check to see if the specified user is an operating system user. If the user ID is valid, verify that the password is correctly entered. Passwords are case-sensitive.

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

Explanation: A database name was specified that could not be found on the system. To configure an existing database, a valid database name must be specified. The database must 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. The database instance might be locked or in use by another process, or the operator might 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 Software 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 or available for the directory server instance. A database instance is required for the current task to continue.

Operator response: Check to see if the database instance is correctly installed and configured, or create and configure a new database instance and then proceed.

GLPCFG035E There is currently no database available.

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

Operator response: Check to see if the database is correctly installed and configured, or create and configure a new database and then proceed.

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 or available for the directory server instance. A database is required for the current task to continue.

Operator response: Check to see if the database is correctly installed and configured, or create and configure a new database and then proceed.

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 while unconfiguring 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 Software Support.

GLPCFG042E Failed to start the task.

Explanation: The current task could not be started. This is normally caused by an 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 verify 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 an 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 verify 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: IBM Tivoli Directory Server does not seem to be installed on the system. Cannot continue with current task.

Operator response: Check to see if IBM Tivoli Directory Server is correctly installed on the system. Also check to see if the environment is correctly set up. Then launch the IBM Tivoli Directory Server Instance Administration Tool again. If the problem persists, refer the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software 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 can occur for 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 • GLPCFG059I

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 corrupted, or replace the configuration file with a backed up copy (after making a backup of the current configuration file). Alternatively, contact IBM Software 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 minimum of 0 to a maximum of 214748364.

Operator response: Enter a valid number in the allowable range.

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, make 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 Software 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.

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 *location*.

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 does not exist on the system, is not accessible because of insufficient access rights for the user running this tool, or 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 for 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 within the range of 0-65535.

Operator response: Specify a value within the range of 0-65535.

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

Explanation: The value specified for Hours is not valid or is not within the range of 0-24.

Operator response: Verify that a value within 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 for the location.

GLPCFG071I An already existing database has been entered. Click 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: Two or more ports were specified 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 different values.

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 instances, the port and IP address combination used by an instance must be unique across all the instances.

Operator response: Try using other values of ports and existing IP addresses on the system to find a unique available combination.

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

Explanation: The user name and corresponding password must be those of a valid user on the system.

Operator response: Verify that the correct user name and password are 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 the change log database used 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 check box or at least one IP from list.

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

Operator response: Select either the check box or at least one IP address from the list of available IP addresses.

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

Explanation: The user name supplied must be that of a valid user on the system. The user name must be between 1 and 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: Enter a valid user name.

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 must be present on the system and cannot be associated with any other directory server instance, or 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 system and is not associated with any other directory server instance.

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

Explanation: The user name supplied must be that of a valid user on the system. The user name must contain between 1 and 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 the a-z, A-Z, and 0-9 characters are allowed.
The user name cannot include accented characters or certain reserved keywords.

Explanation: The user name specified can contain only characters 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 AIX, Linux, Solaris, and HP-UX, 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 user name is shown pre-filled with the DB2 instance name detected from the backup configuration file. If a directory server instance with the same name already exists on the system, you cannot continue with migration until a different user name is specified.

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

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

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

Operator response: Verify that the seed string satisfies this requirement.

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

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

Operator response: Verify that the above requirement is satisfied.

GLPCFG084E The user name cannot start with a number.

Explanation: The user name must start with a character in the range a-z or A-Z. The first character cannot be a number.

Operator response: Verify that the user name is valid.

GLPCFG085E The encryption seed string cannot start with a number.

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

Operator response: Verify that the encryption 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, see the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software 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, see the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software Support.

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

Explanation: Migration of a 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 set up 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 that store the current instance's configuration settings and other information. The associated database, if there is one, will not be deleted or tampered with in any way.

Operator response: Confirm whether you want to delete the directory server instance.

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 that store the current instance's configuration settings and other information. 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 you want to destroy the directory server instance and associated database instance.

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.
Cannot proceed with database configuration.

Explanation: The directory server instance does not have a DB2 instance.

Operator response: Create a DB2 instance for the specified directory server instance and then proceed with 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 you want to unconfigure the database information.

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 you want to unconfigure and destroy the database information.

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, see the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software 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, see the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software Support.

GLPCFG100E The default directory server instance could not be determined. Use the **-I** option to specify the instance, or set the **IDS_LDAP_INSTANCE** environment variable before launching **idsxcfg**.

Explanation: The program failed to determine the instance associated with the current **idsxcfg** session. This failure can occur if no instance exists or if more than one instance exists.

Operator response: Ensure that a directory server instance exists, or create one using the **idsicrt** command or the IBM Tivoli Instance Administration Tool. You can use the **-I** option with the **idsxcfg** command or set the **IDS_LDAP_INSTANCE** environment variable to the instance you want to configure using **idsxcfg**.

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 exists and is valid. If the problem persists refer to the IBM Tivoli Directory Server Problem Determination Guide for information about debugging the program, or contact IBM Software 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: You 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* alphabetic characters is required.

Explanation: You specified a password that violates the administrator password policy because the password does not contain enough alphabetic characters.

Operator response: Specify a password that has sufficient alphabetic characters to comply with the administrator password policy.

GLPCFG106E The password specified violates administrator password policy.
A minimum of *number of characters* non-alphabetic characters is required.

Explanation: You specified a password that violates the administrator password policy because the password does not contain enough non-alphabetic characters.

Operator response: Specify a password that has sufficient non-alphabetic 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: You 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 contain more than the maximum number of repeated characters to comply with the administrator password policy. The maximum number of repeated characters is shown 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: You specified a password that violates the administrator password policy because this password 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 must differ is shown in the error message.

GLPCFG109E The backup directory specified '*directory*', does not exist or is not accessible.

Explanation: A backup directory that is not valid was specified for migrating an older directory server instance.

Operator response: Specify a directory that 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 Tivoli Directory Server version given.

Operator response: Ensure that the correct version of the files are in the backup directory. Otherwise, this is not a supported migration path.

GLPCFG111E Unable to locate file '*filename*'.

Explanation: A file required for migration cannot be located in the backup directory.

Operator response: Ensure that all files are backed up and try the migration again. See the IBM Tivoli Directory Server Installation and Configuration Guide for information about files required for migration.

GLPCFG112E Unable to determine location of configuration file.

Explanation: Cannot read the required configuration file. Migration cannot continue.

Operator response: Ensure that the configuration file exists in the migration backup and is readable.

GLPCFG113E Unable to read configuration file '*filename*'.

Explanation: Cannot read required configuration file. Migration cannot continue.

Operator response: Ensure that 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: Because multiple directory server instances are supported on a system, the log files have been relocated to the log directory for a particular directory server instance. The log file names might have also been changed.

Operator response: The path and name changes must be noted and reflected in any applications that depend on them.

GLPCFG116E Unable to run 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 server instance and its state could not be determined.

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Operator response: This error most likely occurred because you do not have sufficient access to check the status of the server. Verify that the server's slapd.pid file has sufficient access for you to read it. Also check to see if the server is configured properly.

GLPCFG117E A required field has not been entered.

Explanation: One or more required fields do not have any value.

Operator response: Verify that all required fields have been filled with correct values.

GLPCFG118W 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.

GLPCFG119E Select a directory server instance.

Explanation: The current operation cannot continue until you select a directory server instance.

Operator response: Choose an existing directory server instance before continuing with the current operation.

GLPCFG120E The encryption seed and salt values are required.

If you do not want to specify these values, clear the Export data for AES-enabled destination server check box.

Explanation: If the exported data must be imported to an AES enabled directory server, the encryption seed and salt values of the destination server must be specified. If the encryption seed and salt values of the destination server are the same as those on the source server, clear the Export data for AES-enabled destination server check box.

Operator response: Enter the encryption seed and salt values, or clear the check box.

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 meet these requirements.

Operator response: Enter a valid encryption salt value that meets the requirements.

GLPCFG122E The Admin DN and password must be configured before continuing with this operation.

Explanation: The Admin DN and password must be set for the selected operation.

Operator response: Set the Admin DN and password and then retry the operation.

GLPCFG123W You have not changed the original settings.
Do you want to continue?

Explanation: You chose to edit some of the settings but did not change any of them.

Operator response: Change some of the 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 that does not exist on the system. For migration to continue, this database instance must be created on the system, or the instance information must be removed from the backup configuration file.

Operator response: Create the required DB2 instance on the system, or if the database instance exists, ensure that it is correctly set up. Alternatively, remove the database instance information from the backup configuration file. 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 that does not exist on the system. For migration to continue, this database must be created on the system, or the database information must be removed from the backup configuration file.

Operator response: Create the required database on the system, or if the database exists, ensure that it is correctly set up and is present in the appropriate database instance. Alternatively, remove the database information from the backup configuration file. 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: The root user must be a member of the database instance owner's primary group.

Operator response: Add root to the database instance owner's primary group.

GLPCFG128E Encryption seed values do not match.

Explanation: The current panel has a field for the encryption seed value and another for encryption seed confirmation. The encryption seed values entered in the two fields must be exactly the same in order to set the final seed value. The values specified in the two fields do not match. These fields are case-sensitive.

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

GLPCFG129E Unable to connect to the server at *ldapURL*

Explanation: Unable to connect to the specified directory server.

Operator response: Verify that the specified LDAP URL is valid.

GLPCFG130E The server, *ldapURL* is running in configuration only mode

Explanation: The specified server is running in configuration only mode.

Operator response: Verify that the server specified by the LDAP URL is not running in configuration mode.

GLPCFG131E The server, *ldapURL* is not running a supported version.

Explanation: The specified server is running the previous version of IBM Tivoli Directory Server.

Operator response: Ensure that the server specified by the LDAP URL is running the latest version of IBM Tivoli Directory Server.

GLPCFG132E No permission to access the server, *ldapURL*

Explanation: No permission is granted on the specified server.

Operator response: Verify that the user has sufficient access rights.

GLPCFG133E Administrator DN or password of the selected instance is not configured.

Explanation: Administrator DN and password of the selected instance must be configured.

Operator response: Configure the administrator DN and password for the selected instance.

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GLPCFG134E No path specified.

Explanation: An attempt has been made to complete the operation without specifying the directory path. The directory path is required.

Operator response: Specify a valid directory path.

GLPCFG135E Unable to retrieve information from the specified server

Explanation: Unable to retrieve information (including configuration mode, server back-end type, and version) from source server.

Operator response: Verify that an entry exists.

GLPCFG136E Path for backup images is required while setting up a peer or replica server.

Explanation: Path for the backup images is required while setting up peer or replica server.

Operator response: Verify that the option to copy data from the source instance is checked.

GLPCFG137E Unable to add or update the user.

Explanation: Add or update operation failed for the specified user.

Operator response: Verify that the user information is valid.

GLPCFG138E Provide the primary group of the user.

Explanation: Primary group is required.

Operator response: Provide the primary group for the user.

GLPCFG139E Encryption salt value mismatch.

Explanation: The current panel has a field for encryption salt value and another for encryption salt confirmation. The encryption salt values entered in the fields must be exactly the same in order to set the final encryption salt value. The values specified in the two fields do not match. These fields are case-sensitive.

Operator response: Verify that the values entered in the two fields are exactly the same. This includes the case of each character.

GLPCFG140E Unable to load existing configuration.

Explanation: Unable to load the existing configuration from the external properties file.

Operator response: Verify that the external properties file and configuration file to read this properties file are in place.

GLPCFG141W No performance tuning updates are requested. Do you want to continue?

Explanation: No performance tuning updates will be performed.

Operator response: Confirm whether performance tuning updates are required or not.

GLPCFG142E Unable to load 'statFile'

Explanation: Unable to load status file.

Operator response: Verify that the status file exists at the specified location.

GLPCFG143E Unable to fetch total number of entries and average size of an entry in server instance database.
Use command line option to update *'inputFile'*.

Explanation: Unable to fetch total number of entries and average size of an entry in server instance database.

Operator response: Use command line option to update `perftune_input.conf` file.

GLPCFG144E The suffix *'suffix'* conflicts with an existing suffix.

Explanation: The suffix conflicts with an existing suffix in configuration file.

Operator response: Nested suffix addition is not allowed.

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 number*.

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.

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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 in to the Windows operating system as the specified user.

Operator response: Verify the Windows user settings and make sure that the account exists and is not expired, that the password is valid, 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 valid, and that the user is able to log on.

GLPCOM016E *Windows operating system 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 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. Ensure 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 is required.

GLPCOM033I DN partitioning plugin is successfully loaded from *location*.

Explanation: No additional information is available for this message.

GLPCRY003E The encryption seed must contain only 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 incorrect encryption seed value was specified.

Operator response: Specify an encryption seed value that complies with the supported format.

GLPCRY004E The encryption salt must contain only 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 incorrect encryption salt value was specified.

Operator response: Specify an encryption salt value that complies with the supported format.

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 Software 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 might introduce cryptographic inconsistency.

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

GLPCRY009E Password value could not be decrypted.

Explanation: The password is corrupted, or the configuration file has been edited manually and now the encryption and decryption keys do not match.

Operator response: Re-enter the password in clear text and restart the server; the password will be re-encrypted by the server.

GLPCSC001I Command to configure a schema file for a directory server instance.

Usage: *program name* [-I instance_name -s schema_file

[-f config_file] [-d debug_level] [-b output_file] [-q]

[-n]] | -v | -?

where:

- b output_file 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 debug_level Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- f config_file 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 instance_name 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 is suppressed. If the -d option is also specified, trace output is not suppressed.
- s schema_file Specifies a schema file to add to the directory server instance.
- v Prints the version information for this command.
- ? Displays the usage.

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 the idscfgsch command. This might have occurred because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and

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software requirements. If all requirements are met, run the command again. If the problem persists, contact IBM Software Support.

GLPCSC003W 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.

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 Software 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 be added to a configuration file of the directory server instance only if the schema file 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 '*schemafilename*' 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 '*schemafilename*' is a directory.

Explanation: A schema file can be added to a configuration file of the directory server instance only if the schema file 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 instance_name -s suffix

[-f config_file] [-d debug_level] [-b output_file] [-q]

[-n]] | -v | -?

where:

- b output_file 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 debug_level Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- f config_file 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 instance_name 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 is 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 for this command.
- ? Displays the usage.

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 might have occurred because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and

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software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPCSF003W 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. If the problem persists, contact IBM Software 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 Software 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'* conflicts with an existing suffix in the configuration file of the directory server instance.

Explanation: Tried to add a suffix which is either already configured, or is a parent or child of a suffix that is already configured for the directory server instance. Nested suffixes are not allowed. Suffixes cannot be sub-entries of one another.

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 server 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 information about configuring the database in the IBM Tivoli Directory Server Installation and Configuration Guide and verify that 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 errors or warnings that might 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 Software 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 errors or warnings that might have been generated. If the configuration tools continue to show this warning message, restart the computer and try to produce the warning again before contacting IBM Software 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 about 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 errors or warnings that might 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.

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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 errors or warnings that might have been generated. If the configuration tools continue to show this warning message, restart the computer and try to produce the warning again before contacting IBM Software 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 by 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 errors or warnings that might have been generated. If the configuration tools continue to show this warning message, restart the computer and try to produce the warning again before contacting IBM Software 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 information about configuring a database in the IBM Tivoli Directory Server Installation and Configuration Guide and verify that 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 errors or warnings that might 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 Software 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 Software 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 AIX, Linux, Solaris, and HP-UX systems, 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 against 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 information about configuring the database in the IBM Tivoli Directory Server Installation and Configuration Guide and verify that 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 Software 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 information about configuring the database in the IBM Tivoli Directory Server Installation and Configuration Guide and verify that 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 errors or warnings that might 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 computer 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, restart the computer and try to produce the warning again before contacting IBM Software 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 Software Support.

GLPCTL037I Adding local loopback to database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL038I Added local loopback to database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL039E Failed to add local loopback 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 loopback to the database. This means it failed to add a database alias for the database being configured.

Operator response: Review the information about configuring the database in the IBM Tivoli Directory Server Installation and Configuration Guide and verify that 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 errors or warnings that might 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 Software Support.

GLPCTL040I Removing local loopback from database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL041I Removed local loopback from database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL042W Failed to remove local loopback from database: *'database name'*.

Explanation: The program failed to successfully remove the database local loopback. This might have happened because the database alias did not exist.

Operator response: If the configuration tools continue to show this warning message, restart the computer and try to produce the warning again before contacting IBM Software Support.

GLPCTL043I Adding local loopback to change log database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL044I Added local loopback to changelog database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL045E Failed to add local loopback 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 loopback to the changelog database. This means it failed to add a database alias for the database being configured.

Operator response: Review the information about configuring the database in the IBM Tivoli Directory Server Installation and Configuration Guide and verify that 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 errors or warnings that might 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 Software Support.

GLPCTL046I Removing local loopback from the changelog database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL047I Removed local loopback from the changelog database: *'database name'*.

Explanation: No additional information is available for this message.

GLPCTL048W Failed to remove local loopback from the changelog database: *'database name'*.

Explanation: The program failed to successfully remove the changelog database local loopback. This might have happened because the database alias did not exist.

Operator response: If the configuration tools continue to show this warning message, restart the computer and try to produce the warning again before contacting IBM Software Support.

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GLPCTL049I Adding TCP/IP services to database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL050I Added TCP/IP services to database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL051E Failed to add TCP/IP 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 TCP/IP services to a database instance.

Operator response: Review the information about configuring the database in the IBM Tivoli Directory Server Installation and Configuration Guide and verify that 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 might 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 Software Support.

GLPCTL052I Removing TCP/IP services from database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL053I Removed TCP/IP services from database instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPCTL054W Failed to remove TCP/IP services from database instance: *'instance name'*.

Explanation: The program failed to successfully remove the TCP/IP 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 errors or warnings that might have been generated. If the configuration tools continue to show this warning message, restart the computer and try to produce the warning again before contacting IBM Software 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 library might not have yet been installed. Also, verify that the path and library path have been set correctly to find the IBM Tivoli Directory Server 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 Software 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 that 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 that 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 that 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 that exists or can be created and is writable.

GLPCTL062E The specified IP address '*IP address*' is not a valid IP address for this computer.

Explanation: You specified an IP address not available for use by the computer.

Operator response: Specify an IP address on which the computer can bind to ports.

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 specified for the file is a valid location on the system and that you have access to write to that location. If the location does not seem to be valid and the problem persists, contact IBM Software Support.

GLPCTL067E The file *'filename'* cannot be copied to *'filename'*.

Explanation: The file could not be copied to the specified location.

Operator response: Verify that the location specified for the file 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 computer, can be accessed, and has sufficient space. If the location seems to be valid and the problem persists, contact IBM Software Support.

GLPCTL068W Failed to delete the file: *'filename'*.

Explanation: The program failed to delete the specified file.

Operator response: Verify that the file has the correct permissions so that it can be deleted. Delete the file manually if necessary and if 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: Verify that the directory has the correct permissions so that it can be deleted. Delete the directory manually if necessary 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. The directory server instance repository must be readable to run the command.

Operator response: Verify that the directory server instance repository location exists and 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. This command can only be run by members of the Administrators group on Windows systems and by members of the idslldap group on AIX, Linux, Solaris, and HP-UX systems. On AIX, Linux, Solaris, and HP-UX systems, verify that the idslldap user and idslldap group exist on the computer.

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. The directory server instance repository must be writable to run the command.

Operator response: Verify that the directory server instance repository location exists and 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 is located. This command can only be run by members of the Administrators group on Windows systems and by the root user on AIX, Linux, Solaris, and HP-UX systems.

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. The log file must be writable to run the command.

Operator response: Verify that the log file location exists and 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 is located. This command can only be used by users with sufficient authority.

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 have occurred because the port the admin daemon was going to use was already in use.

Operator response: Verify that admin daemon exists on the computer and is not started. If necessary, change the port if it is being used by another program, 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 have occurred because the admin daemon was already stopped.

Operator response: Verify that admin daemon exists on the computer 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 have occurred because the port the directory server instance was going to use was already in use.

Operator response: Verify that directory server instance exists on the computer and is not started. If necessary, change the port if it is being used by another program, directory server instance, or admin daemon. The use the `idsilist` command 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 have occurred because the directory server instance was already stopped.

Operator response: Verify that the directory server instance exists on the computer 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 specified for the directory is a valid location on the system and that you have access to write to that location. If the location does not seem to be valid and the problem persists, contact IBM Software 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 valid existing directory server instance name. 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 server instance while it is running.

Operator response: Stop the directory server instance before attempting to run the command. If you believe 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 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 that you have read access for the server's `slapd.pid` file.

GLPCTL090E Unable to run the command on directory server instance *'instance name'* because the `ibmslapd.conf` file for the directory server instance could not be found.

Explanation: An attempt was made to run the command on the directory server instance but the `ibmslapd.conf` file for the directory server instance 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 Software 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 instance's `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 a directory server instance that is not at the same version as this tool.

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. You must have read access to the directory server instance configuration key stash file to run the command.

Operator response: Verify that the directory server instance configuration key stash file exists and 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. If the file does not exist, contact IBM Software 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. You must have read access to the directory server instance configuration key stash file to run the command.

Operator response: Verify that the directory server instance directory key stash file exists and 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. If the file does not exist, contact IBM Software 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: The program 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 corrupted. Contact IBM Software Support.

GLPCTL096E Failure to load key data from directory server instance configuration directory stash file '*filename*'.

Explanation: The program 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 corrupted. Contact IBM Software Support.

GLPCTL097E The directory server instance '*instance name*', is a proxy server. The command cannot be run on a proxy server.

Explanation: The command was run against a directory server instance that is a proxy server; the command is not supported on a proxy server.

Operator response: Run the command only 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 back up the database.

Operator response: Check the directory server instance's DB2 log for DB2 error messages. The DB2 error messages might 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 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 instance's configuration file. The command cannot 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 Software Support.

GLPCTL105E The encryption synchronization attribute, *ibm-slappedCryptoSync*, could not be retrieved from directory server instance's configuration file. The attribute is required to validate encrypted data integrity.

Explanation: The program failed to retrieve the *ibm-slappedCryptoSync* 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 Software Support.

GLPCTL106E Failure to load key data from directory server instance configuration key stash file into memory.

Explanation: The program 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 might be corrupted. Verify that the configuration key stash file for the directory server instance exists and is accessible. If the problem persists, contact IBM Software 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: The program encountered an error binding to the configuration file of the directory server instance. This error can occur if an LDIF syntax error is present in the file. This error can also occur if a configuration file that is not valid is 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 Software Support.

GLPCTL108E Unable to run the command on admin daemon instance '*instance name*' while it is running.

Explanation: An attempt 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 believe 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 cannot be determined.

Explanation: An attempt 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 that you have read access to the admin daemon `ibmdiradm.pid` file.

GLPCTL110E DB2 did not have sufficient access to back up the database to '*location*'. The database instance owner '*user ID*' and the owner's primary group must be able to access and write to the backup location.

Explanation: The program failed to back up the database because DB2 did not have 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 includes any parent directories where the backup location resides. In addition, on AIX, Linux, Solaris, and HP-UX platforms the permissions must be set properly, even if you are running as the root user.

GLPCTL111E No directory server instance exists on the computer.

Explanation: No directory server instance exists on the computer. 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 root user is authorized to run the command.

Explanation: You 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.

GLPCTL117E The value specified for the *'option'* option is blank.

Explanation: The value specified for the option cannot be blank.

Operator response: Specify a valid value and retry the command.

GLPCTL118I Maximum *ulimitOption* limit option not present in this version of the operating system.

Explanation: No additional information is available for this message.

GLPCTL119I Maximum *ulimitOption* soft ulimit for the process is *soft limit* and the prescribed minimum is *prescribed limit*.

Explanation: No additional information is available for this message.

GLPCTL120I Maximum *ulimitOption* soft ulimit for the process is *soft limit*; the attempt to modify to the prescribed minimum *prescribed limit* failed.

Explanation: No additional information is available for this message.

GLPCTL121I Maximum *ulimitOption* soft ulimit for the process was *soft limit* and it is modified to the prescribed minimum *prescribed limit*.

Explanation: No additional information is available for this message.

GLPCTL122I Maximum *ulimitOption* soft ulimit for the process is *soft limit* and the prescribed minimum is *prescribed 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 *output_file* -I *instance_name* [-f *config_file*]

[-n *filter_DN*] [-c *comments*]

[-k ?|*key_seed* -t *key_salt*] [-j] [-d *debug_level*]

[[*-s subtree_DN* [-x]] | [-1]] [-W]] |

-?

where:

-c *comments* Specifies the comments to be added into output LDIF file.

-d *debug_level* Sets the debug level.

Use in conjunction with the *ldtrc* command.

-f *config_file* 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 *instance_name* Specifies the name of the directory server instance to use.

-j Indicates that the operational attributes are not

- to be exported to the LDIF file.
- k key_seed** 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.
- l** Indicates that the entries under cn=localhost will be exported.
- n filter_DN** Specifies the DN of filter entry used to filter entries before adding into output LDIF file. If this option is specified, all directory entries stored in the database are filtered and then the partial entry is written to the output LDIF file. The filtering is done as per filter specified in filter DN.
- o filename** 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.
- s subtree_DN** The subtree DN identifies the top entry of the subtree that is to be written 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.
- t key_salt** Specifies the destination server's encryption key salt value to use for re-encryption of password data.

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	This option also requires specification of the -k option.
-W filename	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 option.
-?	Displays the usage.

Explanation: No additional information is available for this message.

GLPD2L003E Option -x is not allowed for a subtree that 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 the **-x** option to exclude the nested subtree from being exported.

Operator response: Ensure that 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 db2ldif failed on *file_operation* to file: *file*.

Explanation: The db2ldif utility failed to reopen the file indicated for writing.

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

GLPD2L006E db2ldif failed on *file_operation* to file: *file*.

Explanation: The db2ldif utility failed to open the file indicated for writing.

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

GLPD2L007E db2ldif failed on *file_operation* to file: *file*.

Explanation: The db2ldif utility failed to write to the file indicated.

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

GLPD2L008E db2ldif failed on *file_operation* to file: *file*.

Explanation: The db2ldif utility failed to write to the file indicated.

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

GLPD2L009E Entry DN of entry specified on db2ldif does not exist.

Explanation: The db2ldif utility 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 the earlier error message to see why db2ldif did not run. If no previous error message was shown, contact IBM Software Support.

GLPD2L011I *number of* entries have been successfully exported from the directory.

Explanation: No additional information is available for this message.

GLPD2L012E Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

Explanation: db2ldif is unable to start because of an initialization error.

Operator response: View the earlier error message to see why db2ldif did not run. If no previous error message was shown, contact IBM Software Support.

GLPD2L013E The filter DN *DN of filter* specified is not valid.

Explanation: No additional information is available for this message.

GLPD2L014E The filter entry *DN of entry* not found.

GLPDBB001I

Command to back up the database for a directory server instance.

Usage: *program name* [-I instance_name -k backup_dir

[-d debug_level] [-b output_file] [-q] [-n]] | -v | -?

where:

- b output_file** 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 debug_level** Sets the debug level in the LDAP library. Use in conjunction with the **ldtrc** command.
- I instance_name** Specifies the name of the directory server instance to back up.
- k backup_dir** 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. If the **-d** option is also specified, trace output

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is not suppressed.

-v Prints the version information about the command.

-? Displays the usage.

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 incorrect backup directory was specified for backing up the database for the directory server instance.

Operator response: Specify a directory that 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 occurred because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPDBB004W 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.

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 be backed up only if a database instance and database are 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 be backed up only 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 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 there are no earlier error messages, contact IBM Software Support.

GLPDBB011E Unable to retrieve the database name from the directory server instance's configuration file.

Explanation: The program 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 are set correctly and the error continues to occur, contact IBM Software Support.

GLPDBB012E Unable to retrieve the database instance name from the directory server instance's configuration file.

Explanation: The program 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 the configuration seems to be correct and the error continues to occur, contact IBM Software Support.

GLPDBB013E Unable to retrieve the database administrator ID from the directory server instance's configuration file.

Explanation: The program 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 the configuration seems to be correct and the error continues to occur, contact IBM Software Support.

GLPDBB014E Unable to retrieve the database administrator password from the directory server instance's configuration file.

Explanation: The program 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 the configuration seems to be correct and the error continues to occur, contact IBM Software 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 directory server instance '*instance name*'.

Explanation: The program was unable to back up the configuration file for the directory server instance.

Operator response: Verify that the directory server instance has a configuration file. Verify that you have access to read the configuration file. In addition, view earlier error messages to see why the program failed to back up the files. If there are no earlier error messages, contact IBM Software 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 the directory server instance.

Operator response: Verify that the directory server 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 the program failed to back up the files. If there are no earlier error messages, contact IBM Software 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 the program failed to back up the files. If there are no earlier error messages, contact IBM Software Support.

GLPDBB024E The backup file *file name* cannot be created or is not writable.

Explanation: The program was unable to open or write to the file that will contain the backup information.

Operator response: Verify that the directory where the file is being written has the appropriate write permissions.

GLPDBB025E The backup 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 contain the backup information.

Operator response: Verify that the directory where the file is being written 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 there are no earlier error messages, contact IBM Software 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.

GLPDBM001I

Command to migrate the DB2 instance and database for a directory server instance

Usage: idsdbmigr [-I instance_name [-N db2_9.1_location]] | -h | -?

where:

-I instance_name Specifies the name of the directory instance.

-N db2_9.1_location Specifies the DB2 version 9.1 location
for the migration and post-migration tasks.

-h | -? Displays the usage.

Explanation: No additional information is available for this message.

GLPDBM002E The -I option is required and is used to specify the directory server instance.

Explanation: The -I option to specify the instance name was not specified and it is required.

Operator response: Specify the -I option. Use the -? option to see the syntax for the command.

GLPDBM003E The -N option is required and is used to specify the new DB2 install location.

Explanation: The -N option to specify the DB2 9.1 location was not specified and it is required.

Operator response: Specify the -N option. Use the -? option to see the syntax for the command.

GLPDBM010I The DB2 start database manager command succeeded.

Explanation: No additional information is available for this message.

GLPDBM011E The DB2 start database manager command failed.

Explanation: The DB2 start database manager command failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

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GLPDBM012W The DB2 database manager is already active.

Explanation: No additional information is available for this message.

GLPDBM013I The DB2 list database directory command succeeded.

Explanation: No additional information is available for this message.

GLPDBM014E The DB2 list database directory command failed.

Explanation: The DB2 list database directory command failed

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM015I The DB2 connect to database command succeeded.

Explanation: No additional information is available for this message.

GLPDBM016E The DB2 connect to database command failed.

Explanation: The DB2 connect to database command failed

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM017I The DB2 stop database manager command succeeded.

Explanation: No additional information is available for this message.

GLPDBM018E The DB2 stop database manager command failed.

Explanation: The DB2 stop database manager command failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM020I Starting the pre-migration tasks.

Explanation: No additional information is available for this message.

GLPDBM021I Pre-migration tasks completed successfully.

Explanation: No additional information is available for this message.

GLPDBM022I Successfully updated the DB2 instance width space to 64 bits.

Explanation: No additional information is available for this message.

GLPDBM023E Failed to updated the DB2 instance width space to 64 bits.

Explanation: The DB2 command db2iupdt failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM024I The DB2 force application all succeeded.

Explanation: No additional information is available for this message.

GLPDBM025E The DB2 force application all failed.

Explanation: The DB2 force application all command failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM026I The DB2 terminate succeeded.

Explanation: No additional information is available for this message.

GLPDBM027E The DB2 terminate failed.

Explanation: The DB2 terminate command failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM028I The DB2 update DBM CFG succeeded.

Explanation: No additional information is available for this message.

GLPDBM029E The DB2 update DBM CFG failed.

Explanation: The DB2 update DBM CFG command failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM030I Starting the migration task.

Explanation: No additional information is available for this message.

GLPDBM031I Migration task completed successfully.

Explanation: No additional information is available for this message.

GLPDBM032I DB2 instance migration succeeded.

Explanation: No additional information is available for this message.

GLPDBM033E DB2 instance migration failed.

Explanation: The DB2 command db2imigr failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM034I DB2 database migration succeeded.

Explanation: No additional information is available for this message.

GLPDBM035E DB2 database migration failed.

Explanation: The DB2 migrate database command failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM040I Starting the post-migration task.

Explanation: No additional information is available for this message.

GLPDBM041I Post-migration task completed successfully.

Explanation: No additional information is available for this message.

GLPDBM042I DB2 rebind packages completed successfully.

Explanation: No additional information is available for this message.

GLPDBM043E DB2 rebind packages failed.

Explanation: The DB2 command db2rbind failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM044I DB2 activate database completed successfully.

Explanation: No additional information is available for this message.

GLPDBM045E DB2 activate database failed.

Explanation: The DB2 activate database command failed.

Operator response: Detailed information about the error can be found in the idsdbmigr.log file. Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM046W DB2 database is already active.

Explanation: No additional information is available for this message.

GLPDBM050I The -N argument was not provided. idsdbmigr will perform only the pre-migration task.

Explanation: No additional information is available for this message.

GLPDBM051E The new DB2 location specified by the -N option is not a valid path.

Explanation: The location specified by the -N option does not exist or is not a directory.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM052I Found DB2 version 9 database in the location specified by the -N option.

Explanation: No additional information is available for this message.

GLPDBM053E The new DB2 location is not a DB2 version 9 database.

Explanation: The location specified by the -N option does not contain a DB2 version 9 database.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM054I Directory instance location is 'instloc'.

Explanation: No additional information is available for this message.

GLPDBM055I Directory instance name is '*instnm*'.

Explanation: No additional information is available for this message.

GLPDBM056E Directory instance specified by the **-I** option is not a valid instance.

Explanation: The idsdbmigr tool will work only for TDS version 6.1 or later instances.

Operator response: Use the idsimigr command to migrate supported versions of directory instances. If the problem persists, contact IBM Software Support.

GLPDBM057I Found the DB2 instance name '*db2instname*' from the directory instance configuration file.

Explanation: No additional information is available for this message.

GLPDBM058E Could not find the DB2 instance name from the directory instance server configuration file.

Explanation: The directory instance server configuration file does not contain the DB2 instance name, specified by the `ibm-slapdDbInstance` attribute.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM059I Found the DB2 database name '*db2dbname*' from the directory instance configuration file.

Explanation: No additional information is available for this message.

GLPDBM060E Could not find the DB2 database name from the directory instance server configuration file.

Explanation: The directory instance server configuration file does not contain the DB2 instance name, specified by the `ibm-slapdDbName` attribute.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM061I The directory instance version check succeeded.

Explanation: No additional information is available for this message.

GLPDBM062E The directory instance version check failed.

Explanation: The idsdbmigr tool will work only for some versions of directory instances.

Operator response: Use the idsimigr command only with supported versions of the directory instance. If the problem persists, contact IBM Software Support.

GLPDBM063I DB2 8 version check succeeded.

Explanation: No additional information is available for this message.

GLPDBM064E DB2 8 version check failed.

Explanation: The DB2 version specified in the `ldapdb.properties` file is not a DB2 version 8 database. The idsdbmigr tool migrates DB2 version 8 databases to DB2 version 9 databases.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM065I Directory instance information file '*instinfo*'.

Explanation: No additional information is available for this message.

GLPDBM066E Could not find the directory instance information file '*instinfo*'.

Explanation: The file idsinstances.ldif in the idsinstinfo directory could not be found.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM067I Directory instance location is '*instloc*'.

Explanation: No additional information is available for this message.

GLPDBM068E Could not find the directory instance location '*instloc*'.

Explanation: The file idsinstances.ldif in the idsinstinfo directory does not contain the instance location.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM069I Directory instance server configuration file is '*instconf*'.

Explanation: No additional information is available for this message.

GLPDBM070E Could not find the directory instance server configuration file.

Explanation: The directory instance server configuration file ibmslapd.conf in the instance home directory could not be found.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM071I Directory instance '*instance name*' is running as a '*numbits*' bit application.

Explanation: No additional information is available for this message.

GLPDBM072E Could not determine whether directory instance '*instance name*' is running as 32-bit or a 64-bit application.

Explanation: A 32 or 64-bit directory could not be found in the install location/sbin directory.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM073I DB2 install location from the ldapdb.properties file is '*db2loc*'.

Explanation: No additional information is available for this message.

GLPDBM074E Could not find the DB2 install location from the ldapdb.properties file '*db2loc*'.

Explanation: The directory instance ldapdb.properties file does not contain the DB2 install location or version, specified by the currentDB2InstallPath and currentDB2Version attribute.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM075I DB2 information for directory instance is '*db2prop*'.

Explanation: No additional information is available for this message.

GLPDBM076E Could not find DB2 information for directory '*db2prop*'.

Explanation: The directory instance *ldapdb.properties* file does not contain the DB2 install location or version, specified by the *currentDB2InstallPath* and *currentDB2Version* attribute.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM077I Update '*db2prop*' file in the install location succeeded.

Explanation: No additional information is available for this message.

GLPDBM078E Update '*db2prop*' file in the install location failed.

Explanation: The Tivoli Directory Server install *ldapdb.properties* file was not updated.

Operator response: Manually create or update the file with the *currentDB2InstallPath* and *currentDB2Version* attributes.

GLPDBM079I Update '*db2prop*' file for the directory instance succeeded.

Explanation: No additional information is available for this message.

GLPDBM080E Update '*db2prop*' file for the directory instance failed.

Explanation: The directory instance *ldapdb.properties* file was not updated.

Operator response: To start the directory instance, manually update or create the file with the attributes *currentDB2InstallPath* and *currentDB2Version*.

GLPDBM081I The *idsdbmigr* tool ran successfully, execution log is '*idsdbmigrlog*'.

Explanation: No additional information is available for this message.

GLPDBM082I Directory instance specific *ldapdb.properties* file '*propfile*'.

Explanation: No additional information is available for this message.

GLPDBM083E Could not find the directory instance *ldapdb.properties* file.

Explanation: The directory instance *ldapdb.properties* file was not found. This file identifies the version of DB2 used by this instance.

Operator response: Correct the error and run the command again. If the problem persists, contact IBM Software Support.

GLPDBM084I Found new DB2 location specified by the *-N* option '*db2npath*'.

Explanation: No additional information is available for this message.

GLPDBR001I

Command to restore the database for a directory server instance.

Usage: *program name* [-I *instance_name* -k *backup_dir* [-r]

[*-d debug_level*] [*-b output_file*] [*-q*] [*-n*] | *-v* | *-?*

where:

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- b output_file** 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 debug_level** Sets the debug level in the LDAP library. Use in conjunction with the **ldtrc** command.
- I instance_name** Specifies the name of the directory server instance to restore.
- k backup_dir** 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 is suppressed except for errors. 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.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

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 restore the given directory server instance.

Operator response: Verify that the directory instance was backed up properly and that the backup still exists.

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 Software 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 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 that the location is registered. If the location is not registered, register the location. If the command still fails, contact IBM Software 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' tags exist 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 the 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 the program failed to restore the files. If an earlier error message was not printed, contact IBM Software 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 the 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 the program failed to restore files. If an earlier error message was not printed, contact IBM Software 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 the 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 the program failed to restore the files. If an earlier error message was not printed, contact IBM Software Support.

GLPDBR021E Specified a backup directory, '*filename*', that does not exist or is not accessible.

Explanation: An incorrect backup directory was specified for restoring the database for the directory server instance.

Operator response: Specify a directory that exists and is writable.

GLPDBR022E The **-k <backup dir>** option is required. Use the **-?** option to see the syntax for **dbrestore**.

Explanation: The **-k <backup dir>** option was not given.

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 be restored only if a database instance and database are 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 be restored only 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.

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 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 occurred because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPDBR028W 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.

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 about 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 but 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 but 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. The tool does not support restores across operating systems.

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 instance*' and the configured database '*database name*' resides in database instance '*database instance*'

Explanation: An attempt was made to restore a directory server instance but 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 must restore the specified directory server instance, unconfigure the database and database instance for the directory server instance and reconfigure it to use the matching database instance and database.

GLPDDS001I

Command to split an LDIF file into several files for loading into a distributed directory.

Usage: *program name* [-I instance_name] [-B base_DN] [-i input file]

| [-f config_file] [-d debug_level] [-l output_location] [-s] [-v] -?

where:

- B base_DN Specifies the partition base DN.
- d debug_level Specifies the debug level.
- f config_file Specifies the proxy server configuration file.
- I instance_name Specifies the name of the proxy server instance.
- i input_file Specifies the input LDIF file to split.
- l output_location Specifies the path for the output files.
- s Enables statistics mode.
- v Prints the version information for this command.
- ? Displays the usage.

Explanation: No additional information is available for this message.

GLPDDS002E 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 usage for the command.

GLPDDS003E The **-B** option is required and is used to specify the base DN for splitting.

Explanation: The **-B** option was not specified and it is required.

Operator response: Specify the **-B** option. Use the **-?** option to see the usage for the command.

GLPDDS004E The **-i** option is required and is used to specify the input file for splitting.

Explanation: The **-i** option was not specified and it is required.

Operator response: Specify the **-i** option. Use the **-?** option to see the usage for the command.

GLPDDS005E Specify the server configuration file for splitting.

Explanation: The required proxy server configuration file could not be located.

Operator response: Specify the **-f** option with the name of the proxy server configuration file.

GLPDDS006E Error while parsing command line arguments.

Explanation: The command line arguments could not be parsed.

Operator response: Use the **-?** option to see the usage for the command.

GLPDDS007E Exiting **ddsetup** due to error processing the command line.

Explanation: A problem was encountered processing the command line.

Operator response: Correct any reported errors. Use the **-?** option to see the usage for the command.

GLPDDS008E Error while validating command line arguments.

Explanation: A problem occurred while validating the command line arguments.

Operator response: Correct the error. Use the **-?** option to see the usage for the command.

GLPDDS009E Input LDIF file does not exist.

Explanation: The input file specified cannot be found.

Operator response: Verify that the input file exists and try again.

GLPDDS010I Parsing and validating command line arguments.

Explanation: No additional information is available for this message.

GLPDDS011I Parsing the proxy server's configuration file for information required for partitioning.

Explanation: No additional information is available for this message.

GLPDDS012E Exiting **ddsetup** due to error in configuration.

Explanation: A problem was encountered while processing the proxy server configuration.

Operator response: Correct any reported errors and try again.

GLPDDS013E Input argument provided on the command line is missing a value.

Explanation: The input argument provided on the command line must have a value.

Operator response: Provide the correct argument on the command line.

GLPDDS014E Input argument provided on the command line contains all spaces.

Explanation: Input argument provided on the command line contains all spaces.

Operator response: Provide the correct argument on the command line.

GLPDDS015I The statistics mode is enabled so statistics of the partitioning process will be displayed.

Explanation: No additional information is available for this message.

GLPDDS016I The utility has successfully parsed and validated the command line arguments.

Explanation: No additional information is available for this message.

GLPDDS017I The log file used by the partitioning utility is [*log filename*].

Explanation: No additional information is available for this message.

GLPDDS018I The statistics file used by the partitioning utility is [*stat filename*].

Explanation: No additional information is available for this message.

GLPDDS019I The input LDIF file used by the partitioning utility is [*input filename*].

Explanation: No additional information is available for this message.

GLPDDS020I The total entry count of the input LDIF file used is [*input entry count*].

Explanation: No additional information is available for this message.

GLPDDS021I The size of the input LDIF file to be partitioned is [*input file size KB*].

Explanation: No additional information is available for this message.

GLPDDS022I The output file for partition *partition number* is [*output filename*].

Explanation: No additional information is available for this message.

GLPDDS023I The total entry count of the output file for partition *partition number* is [*output entry count*].

Explanation: No additional information is available for this message.

GLPDDS024I The file size of the output file for partition *partition number* is approximately [*output file size KB*].

Explanation: No additional information is available for this message.

GLPDDS025E The directory path provided by the -l option does not exist.

Explanation: The directory path for the output files must exist before running this command.

Operator response: Create the directory and try running the command again.

GLPDDS026I The ddsetup utility has successfully read the required information from the proxy configuration file.

Explanation: No additional information is available for this message.

GLPDDS027E Error extracting partitioning information from proxy configuration file.

Explanation: There is a problem with the proxy server configuration.

Operator response: Correct any reported errors in the server configuration and try again.

GLPDDS028E The instance *proxy instance* provided by **-I** option is not a proxy server instance.

Explanation: No additional information is available for this message.

GLPDDS029E Number of partitions cannot be zero or negative.

Explanation: The number of partitions cannot be zero or a negative number.

Operator response: Specify a number of partitions that is greater than zero.

GLPDDS030E Number of partitions value exceeds the allowed limit.

Explanation: The number of partitions value exceeds the allowed limit.

Operator response: Specify a valid number of partitions that is within the allowed limit.

GLPDDS031E Error opening input LDIF file.

Explanation: There was an error opening the input LDIF file.

Operator response: Verify the input file exists and try again.

GLPDDS032E Exiting ddsetup due to a setup error.

Explanation: There is a problem in preparation of the input or output files.

Operator response: Correct any error reported in earlier messages and try again.

GLPDDS033E The output file *out file* already exists. Exiting ddsetup.

Explanation: The output file already exists and will not be overwritten.

Operator response: Delete the output file or use a different name and try again.

GLPDDS034E Error opening *output filename* file. Exiting ddsetup.

Explanation: There was an error opening the output file.

Operator response: Ensure that files can be created in the specified output directory and try again.

GLPDDS035E Exiting ddsetup due to an internal error.

Explanation: The utility encountered an unrecoverable error trying to execute operations in parallel.

Operator response: If the problem persists, contact IBM Software Support.

GLPDDS036E Error parsing the input LDIF file on line number *line no.*

Explanation: There was an error parsing the input LDIF file.

Operator response: Correct the error in the input file, delete any output files produced earlier and try again.

GLPDDS037I The current entry count of the output file for partition *partition number* is [*output entry count*].

Explanation: No additional information is available for this message.

GLPDDS038I The current entry being processed in the input file is number [*entry count*].

Explanation: No additional information is available for this message.

GLPDDS039E Incorrect option specified on the command line.

Explanation: An incorrect option was specified on the command line.

Operator response: Use the -? option to see the usage for the command.

GLPDDS040I The instance *proxy instance* provided by the -I option is a proxy server instance.

Explanation: No additional information is available for this message.

GLPDDS041E The partition base DN *base DN* provided by the -B option is not part of the proxy server's namespace.

Explanation: The DN specified as the partition base is outside of the namespaces supported by the proxy server instance.

Operator response: Check the values of the `ibm-slapdSuffix` attribute in the server configuration for the `ibm-slapdProxyBackend` entry that define the namespaces supported by the proxy server for this instance. The partition base DN must be included in one of these namespaces. Supply a different value for the base DN on the command line or correct the proxy server's configuration to include a new namespace for the base DN.

GLPDDS042E Unable to load the partition plugin library.

Explanation: Failed to load the plugin library that is used to partition the entries in the input file.

Operator response: If the default partition plugin is not being used, check the path for the plugin library in the proxy server's configuration. Otherwise, check to make sure the default plugin library file was installed properly.

GLPDDS043E The partition base DN *base DN* provided by -B option does not exist in proxy server's configuration file.

Explanation: The partition base DN does not exist in the proxy server's configuration file.

Operator response: Correct the proxy server's configuration file or specify a different partition base DN on the command line.

GLPDDS044E A split name does not exist in proxy server's configuration file.

Explanation: The required split name does not exist in the proxy server's configuration file.

Operator response: Correct the error in the proxy server configuration file and try again.

GLPDDS045I The utility is splitting the LDIF file *filename* from the base DN *partition base DNDN* into *num partitions* partitions.

Explanation: No additional information is available for this message.

GLPDDS046I The input LDIF file *input file* has been split successfully into *num partitions* partitions.

Explanation: No additional information is available for this message.

GLPDDS047E Value for attribute *attr* is missing.

Explanation: A required value is missing from the proxy server configuration.

Operator response: Correct the proxy server configuration and try again.

GLPDDS048E Failed to write output file *filename*.

Explanation: Failed to write the output file.

Operator response: Correct the error. Use the `-?` option to see the usage for the command.

GLPDDS049E Unable to continue due to parsing errors.

Explanation: Terminating due to an error encountered while parsing the entries from the input LDIF file.

Operator response: Correct any reported errors and try again.

GLPDDS050E Unable to continue partitioning the entries.

Explanation: There were unrecoverable errors while partitioning the entries.

Operator response: Correct any reported errors and try again.

GLPDDS051I The `ddsetup` utility has started the partitioning process.

Explanation: No additional information is available for this message.

GLPDDS052I The total entry count of the output file for partition *partition number* is *output entry count*.

Explanation: No additional information is available for this message.

GLPDPW001I

Command to configure the administrator DN and password for a directory server instance.

Usage: *program name* [-I instance_name [-u user_DN] [-p password]

[-f config_file] [-d debug_level] [-b output_file] [-q]

[-n]] | -v | -?

where:

- b output_file** 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 debug_level** Sets the debug level in the LDAP library. Use in conjunction with the `ldtrc` command.
- f config_file** 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 instance_name** Specifies the name of the directory server instance to update.

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- 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 administrator 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 is suppressed except for errors. If the **-d** option is also specified, trace output is not suppressed.
- u user_DN** Directory administrator distinguished name (DN)
- v** Prints the version information for this command.
- ?** Displays the usage.

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 Directory server administrator password was set.

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 Software Support.

GLPDPW009I Setting the directory server administrator DN.

Explanation: No additional information is available for this message.

GLPDPW010I Directory server administrator DN was set.

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 Software Support.

GLPDPW012E An internal error occurred while running the idsdnpw command.

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

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPDPW013W 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.

GLPDPW014E The password specified violates administrator password policy. A minimum of *number of characters* characters is required.

Explanation: You 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* alphabetic characters is required.

Explanation: You specified a password that violates the administrator password policy because the password does not contain enough alphabetic characters.

Operator response: Specify a password that has sufficient alphabetic characters to comply with the administrator password policy.

GLPDPW016E The password specified violates administrator password policy. A minimum of *number of characters* non-alphabetic characters is required.

Explanation: You specified a password that violates the administrator password policy because the password does not contain enough non-alphabetic characters.

Operator response: Specify a password that has sufficient non-alphabetic characters to comply with the administrator password policy.

GLPDPW017E • GLPDSM005I

GLPDPW017E The password specified violates administrator password policy. A maximum of *number of characters* repeated characters is allowed.

Explanation: You 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 repeated characters was shown 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: You specified a password that violates the administrator password policy because it 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 must differ was shown in the error message.

GLPDSM001I

This program takes a DSML BatchRequest input file and processes the LDAP commands at the specified LDAP server using the supplied LDAP user ID and password. The results are stored in a DSML BatchResponse in the output file.

Usage:

```
java DsmlFileClient LDAP-userid LDAP-password [OPTIONS]
```

Options:

-d debug

(logically OR'd bit flags - add numbers of desired debug levels)

WARNING = 1

ERROR = 2

DIAGNOSTIC = 4

INFORMATION = 8

debug = WARNING + ERROR (3)

-i inputFileName

-l logFileName

-o outputFileName

-s LdapServer

-x SchemaFile

Defaults

inputFileName = DsmlRequest.xml in the current directory

logFileName = DsmlLog.txt in the current directory

outputFileName = DsmlResponse.xml in the current directory

ldapServer = ldap://localhost:389/

LDAP user ID and password must be supplied.

Explanation: No additional information is available for this message.

GLPDSM003I Using:

Input file name: *file name*

Explanation: No additional information is available for this message.

GLPDSM004I **Output file name:** *file name*

Explanation: No additional information is available for this message.

GLPDSM005I **LDAP server:** *server name*

Explanation: No additional information is available for this message.

GLPDSM006I Finished processing DSML BatchRequests.

Explanation: No additional information is available for this message.

GLPDSM007I Results are in file: *file name*

Explanation: No additional information is available for this message.

GLPDSM008E Problem configuring the XML parser.

Explanation: An exception occurred: unable to load and instantiate the XML parser class.

Operator response: Verify that the configuration settings of the XML parser are correct.

GLPDSM009I Error Message: *error details*

Explanation: No additional information is available for this message.

GLPDSM010E Problem configuring the XML transformer.

Explanation: An exception condition occurred during the transformation process.

Operator response: Verify the configuration settings of the XML transformer tool.

GLPDSM011E Problem reading or writing to file.

Explanation: An error occurred while reading from or writing to the configuration file. The user might not have enough permission to access the files at the specified location, or the file might not exist at the required location.

Operator response: Check to see if the file is present and the user has permissions to read or write to the configuration file; otherwise, contact the system administrator.

GLPDSM012E Problem writing DOMSource to file: *file name*

Explanation: An exception condition occurred during the transformation process. There is a problem writing the DOMSource to an output file.

Operator response: Verify the configuration settings of the XML transformer tool and that the file is accessible to the logged-in user.

GLPDSM013E Error processing DSML BatchRequest.

Explanation: The error might have occurred for one of the following reasons:

1. An XMLReader might have found an unrecognized feature or property identifier.
2. An XMLReader cannot perform the requested operation.
3. An error occurred while parsing the data.

Operator response: Check for these error conditions and correct any that you find.

GLPDSM014I

This program takes a DSML BatchRequest input file and sends it to a DSML Server using SOAP. The commands are processed at the DSML Server and the results are sent back using SOAP and stored in a DSML BatchResponse in the output file.

Usage:

java DsmlSoapClient LDAP-userid LDAP-password [OPTIONS]

Options:

-d debug

(logically OR'd bit flags - add numbers of desired debug levels)

WARNING = 1

ERROR = 2

DIAGNOSTIC = 4

GLPDSM015E • GLPDSM022E

INFORMATION = 8
-i inputFileName
-l logFileName
-o outputFileName
-S DSMLSOAPserver
-s LDAP Server URL
-x SchemaFile
Defaults
debug = WARNING + ERROR (3)
LDAP Server URL = DSML server default
logFileName = DsmlLog.txt in the current directory
inputFileName = DsmlRequest.xml in the current directory
outputFileName = DsmlResponse.xml in the current directory
LDAP user ID and password, as well as SOAP user ID and password, must be supplied.

Explanation: No additional information is available for this message.

GLPDSM015E Element name must be *element name* .

Explanation: The batch response element name does not match the node name.

Operator response: Specify the same name for both the batch response element name and the node name.

GLPDSM016E BatchResponse: Required elements not set.

Explanation: An error occurred in setting the batch response for batch messages having a valid batch search response.

Operator response: Specify all required elements for the batch response.

GLPDSM017E LdapResult: All required values are not set.

Explanation: The return code of the LDAP result does not fall in the valid range of codes. The result code is either less than 0 or greater than 81.

Operator response: Specify a valid result code that is greater than or equal to 0 and less than or equal to 81.

GLPDSM018E Incorrect input (not all parentheses are matched): *filter*

Explanation: The specified filter does not have equal number of matching opening and closing parentheses.

Operator response: Provide valid input, so that the opening and closing parentheses match, while setting a filter.

GLPDSM019I DSML SOAP server: *server name*

Explanation: No additional information is available for this message.

GLPDSM020I Specified parameter *parameter name* without corresponding value.

Explanation: No additional information is available for this message.

GLPDSM021I DSML server default

Explanation: No additional information is available for this message.

GLPDSM022E Incorrect input parameters. All options must use "-name value" syntax.

Explanation: The specified input parameters are incorrect. The options must use the "-name value" syntax; for example, an input file can be specified as "-i inputFile.ext".

Operator response: Specify valid input parameters with proper syntax.

GLPDSM023I Usage: java DsmlSchemaValidate xml_file_name
where xml_file_name refers to an XML file that references a schema.

Explanation: No additional information is available for this message.

GLPDSM024I file name is valid.

Explanation: No additional information is available for this message.

GLPDSM025E Incorrect element name. Valid element names are: "authRequest", "searchRequest", "modifyRequest", "addRequest", "delRequest", "modDNRequest", "compareRequest", "abandonRequest", "extendedRequest", "searchResponse", "authResponse", "modifyResponse", "addResponse", "delResponse", "modDNResponse", "compareResponse", "extendedResponse", "errorResponse", "searchResultEntry", "searchResultReference", "searchResultDone".

Explanation: The element name specified is not valid.

Operator response: Specify a valid element name.

GLPDSM026E Input is not of valid Base 64 encoding: *input value*

Explanation: The specified input is not base 64 encoded text.

Operator response: Specify input that is valid base 64 encoded text.

GLPDSM027E error details .

Explanation: The error occurred while converting \XX escape sequences to their ASCII equivalents. This error occurs when there is a problem parsing the data. Improper escape sequences might have been used.

Operator response: Use proper escape sequences.

GLPDSM028E No DsmlResponse returned.

Explanation: An error occurred while processing a DSML request. An error might have occurred for one of the following reasons:

1. A problem occurred while creating the XML Document builder.
2. A problem occurred while retrieving namespace information.
3. A problem occurred while validating the schema.
4. The specified credentials might be incorrect or the specified account might not have permissions to execute the operation.

Operator response: Contact the directory administrator.

Administrator Response: Contact IBM Software Support.

GLPDSM029E No security principal or credentials supplied.

Explanation: The security principal and credentials are required parameters for successful authentication by Digest. At least one of the parameters was not supplied.

Operator response: Supply valid security principal and credentials for successful authentication by Digest.

GLPDSM030E AbandonRequest is not supported.

Explanation: The Abandon operation is not supported by the LDAP server.

Operator response: Contact IBM Software Support for more information.

GLPDSM031E • GLPDSM040E

GLPDSM031E AbandonRequest: Incorrect abandonID.

Explanation: The ID for the abandon request operation is not valid. The ID might be null or empty.

Operator response: Specify a valid ID for the abandon request operation.

GLPDSM032E AbandonRequest: All required values are not set.

Explanation: An Abandon ID is needed for the abandon request operation. The required parameter is not specified.

Operator response: Provide all required elements and attributes.

GLPDSM033E AddRequest: Unable to add DsmlAttribute.

Explanation: An error occurred while adding a DSML attribute that is null.

Operator response: Contact the directory administrator.

GLPDSM034E AddRequest: Incorrect DN.

Explanation: The specified DN is invalid; it is either null or zero length.

Operator response: Specify a correct DN for the AddRequest operation.

GLPDSM035E AddRequest: All required values are not set.

Explanation: A DN is needed for the add request operation. The DN is null.

Operator response: Specify a valid DN.

GLPDSM036E AttributeDescriptions: Incorrect AttributeDescriptionValue.

Explanation: An error occurred while setting the value. The specified value of the attribute is either zero length or null.

Operator response: Specify a valid attribute description value for the attribute.

GLPDSM037E AttributeDescriptions: All required values are not set.

Explanation: The attribute descriptor must have at least one valid value for the requested operation. The attribute does not have a value.

Operator response: Provide all required elements and attributes.

GLPDSM038E AttributeValueAssertion: Incorrect element value.

Explanation: An error occurred while setting a value for the element. The element value is not valid. The value might be null or empty.

Operator response: Specify a valid element value to be set for the attribute.

GLPDSM039E AttributeValueAssertion: Illegal attribute name.

Explanation: An error occurred while setting a value for the attribute. The attribute name is not valid. The attribute name might be null or empty.

Operator response: Specify a valid attribute name for the element.

GLPDSM040E AttributeValueAssertion: All required values are not set.

Explanation: Attribute name, value, and base 64 encoded value cannot be null for the requested operation. At least one of the required parameters is null.

Operator response: Provide all required elements and attributes.

GLPDSM041E AuthRequest: All required values are not set.

Explanation: The security principal required for the successful completion of the authorization request operation is null.

Operator response: Specify a valid security principal.

GLPDSM042E BatchMessage: All required values are not set.

Explanation: The message type is incorrectly set.

Operator response: Specify a valid message type.

GLPDSM043E CompareRequest: All required values are not set.

Explanation: Attribute value, DN, and assertion value cannot be null for the compare request operation. One of the required parameters is null.

Operator response: Provide all required elements and attributes.

GLPDSM044E ErrorResponse: All required values are not set.

Explanation: The required type of the error message is null.

Operator response: Specify a valid error message type.

GLPDSM045E DeleteRequest: All required values are not set.

Explanation: The DN is null.

Operator response: Specify a valid DN.

GLPDSM046E Dsm1Attr: All required values are not set.

Explanation: The attribute name is null.

Operator response: Specify a valid attribute name.

GLPDSM047E Dsm1Value: All required values are not set.

Explanation: The attribute value and its base 64 encoded value cannot be null for the requested operation. At least one of the required parameters is null.

Operator response: Provide all required elements and attributes.

GLPDSM048E ExtendedRequest: All required values are not set.

Explanation: The extended operation request name of type NumericOID cannot be null for the requested extended operation. The request name is null.

Operator response: Specify a valid extended operation request name of type NumericOID.

GLPDSM049E Presence Filter: All required values are not set.

Explanation: The presence filter is null.

Operator response: Use proper escape sequences.

GLPDSM050E Equality Filter: All required values are not set.

Explanation: The name or value of the equality filter object is null.

Operator response: Specify a valid name and value for the equality filter object.

GLPDSM051E • GLPDSM060E

GLPDSM051E ApproxMatch Filter: All required values are not set.

Explanation: The name or value of the approximate match filter object is null.

Operator response: Specify a valid name and value for the approximate match filter object.

GLPDSM052E GreaterOrEqual Filter: All required values are not set.

Explanation: The name or value of the greater or equal match filter object is null.

Operator response: Specify a valid name and value for the greater or equal match filter object.

GLPDSM053E LessOrEqual Filter: All required values are not set.

Explanation: The name or value of the less or equal match filter object is null.

Operator response: Specify a valid name and value for the less or equal match filter object.

GLPDSM054E Substrings Filter: All required values are not set.

Explanation: The name or value of the substring filter object is null.

Operator response: Specify a valid name and value for the substring filter object.

GLPDSM055E ExtensibleMatch Filter: All required values are not set.

Explanation: The name or value of the extensible filter object is null.

Operator response: Specify a valid name and value for the extensible filter object.

GLPDSM056E Filter does not match any supported filter types: *filter*

Explanation: The given filter name does not match any of the supported filter types.

Operator response: Provide a valid supported filter type.

GLPDSM057E Filter: All required values are not set.

Explanation: A filter is required for the successful completion of the requested operation. The filter is not specified.

Operator response: Specify a valid filter.

GLPDSM058E Internal Error (related to regular expressions).

Explanation: An error occurred parsing the filter. The specified LDAP filter has incorrect syntax. An example of a valid LDAP filter is "(&(cn=Bob)(sn=Garcia))".

Operator response: Provide valid input that can be successfully parsed.

GLPDSM059E Filter has unmatched parentheses.

The partial filter below includes the unmatched parenthesis: *filter*

Explanation: The syntax of the specified filter is incorrect. One or more closing parentheses is missing.

Operator response: Match each opening parenthesis with a closing parenthesis, such that the filter has equal numbers of opening and closing parentheses.

GLPDSM060E MatchingRuleAssertion: All required values are not set.

Explanation: The matching rule value and its base 64 encoded value are needed for the matching rule assertion operation. Not all required parameters are provided.

Operator response: Provide all required elements and attributes.

GLPDSM061E ModifyDNRequest: All required values are not set.

Explanation: The old DN and new DN are mandatory attributes for modifying the DN of an entry. One or more of these attributes was not provided.

Operator response: Specify the new DN and the old DN with the request for modifying the DN.

GLPDSM062E ModifyRequest: All required values are not set.

Explanation: The Modify request operation requires a DN on which to operate. This DN was not provided.

Operator response: Provide the DN that the modify request operation will modify.

GLPDSM063E SearchRequest: All required values are not set.

Explanation: Search filter, base DN, and scope level derefAliases values are required for performing a search operation. One or more of these required parameters were not provided for the search operation.

Operator response: Provide all required elements.

GLPDSM064E SearchResponse: All required values are not set.

Explanation: An error occurred while performing the search operation. The search result is null.

Operator response: Provide valid search operation parameters.

GLPDSM065E SearchResultEntry: All required values are not set.

Explanation: The search DN is not specified.

Operator response: Specify a valid search DN.

GLPDSM066E SearchResultReference: Incorrect refURI.

Explanation: The reference URI is incorrect. An error occurred while setting the reference URI for the search operation.

Operator response: Specify a valid response URI.

GLPDSM067E SearchResultReference: All required values are not set.

Explanation: The search result reference requires at least one reference URI. No reference URI was specified.

Operator response: Specify at least one reference URI for the search result reference operation.

GLPDSM068E SubstringFilter: All required values are not set.

Explanation: The substring filter requires an attribute of type AttributeDescriptionValue. This required attribute is missing.

Operator response: Specify a valid attribute of type AttributeDescriptionValue.

GLPDSM069E Problem opening log file: *error details*

Explanation: An error occurred opening the log file. The user might not have enough permission to access the log file at the specified location.

Operator response: Contact the system administrator.

GLPDSM070E • GLPDSM079E

GLPDSM070E Incorrect escape sequence in input segment: *input segment*

Explanation: An error occurred while parsing the input segment. The input segment is not parsable.

Operator response: Specify a valid parsable input segment.

GLPDSM071E DsmlControl: All required values are not set.

Explanation: DSML control type NumericOID is a required parameter. The control type is null.

Operator response: Specify a valid control type.

GLPDSM072E DsmlMessage: All required values are not set.

Explanation: All required elements and attributes must be provided for the DSML message. Some of the required parameters are not provided.

Operator response: Provide all required elements and attributes.

GLPDSM073E DsmlModification: All required values are not set.

Explanation: The attribute to be modified and operation to be performed for that attribute are required parameters for the requested operation. At least one of the required parameters is null.

Operator response: Provide all required elements and attributes.

GLPDSM074E Incorrect parameters in AuthRequest.

Explanation: The parameters passed for the authorization process are incorrect. Either the DSML Request ID is incorrect or another error occurred while authorizing.

Operator response: Provide valid parameters while requesting authorization.

GLPDSM075E Incorrect value for attribute RequestID.

Explanation: The DSML Request ID is incorrect.

Operator response: Pass a valid Request ID.

GLPDSM076E Incorrect value for attribute processing.

Explanation: The values provided are incorrect. Processing of attributes cannot resume.

Operator response: Provide valid values for attribute processing.

GLPDSM077E Incorrect value for attribute responseOrder.

Explanation: The response order value is incorrect. The value must be either sequential or unordered.

Operator response: Specify a valid value for response order.

GLPDSM078E Illegal value for attribute onError.

Explanation: The value of the onError attribute is incorrect; it is either null, blank, or 'exit' or 'resume'.

Operator response: Specify a valid value for the onError attribute.

GLPDSM079E DsmlRequest: Element name should be *element name* .

Explanation: The batch request element name does not match the node name.

Operator response: Specify the same name for both the batch request element name and the node name.

GLPDSM080E AuthRequest must be the first element in BatchRequest.

Explanation: The authRequest parameter is not the first element in the BatchRequest.

Operator response: Specify the authRequest parameter as the first element in the BatchRequest.

GLPDSM081E Required RequestID for AuthRequest not set.

Explanation: The RequestID parameter, which is required for the AuthRequest operation, is not provided.

Operator response: Specify a valid RequestID parameter for the AuthRequest operation.

GLPDSM082E Required RequestID not set for *element name* .

Explanation: The RequestID parameter is a mandatory parameter. An error occurred because the RequestID parameter is not provided.

Operator response: Specify a valid RequestID parameter.

GLPDSM083E BatchRequest: Required elements are not set.

Explanation: RequestID in a batchRequest is null.

Operator response: Specify a valid requestID in a batchRequest.

GLPDSM084E Duplicate request ID found: *request ID*

Explanation: An identical request ID is already present in the DSMLRequest. A duplicate value is not allowed. This ID is not case sensitive.

Operator response: Specify a unique request ID in the DSMLRequest.

GLPGRP001I

Command to create the DB2 and directory server instance owner and groups.

Usage: *program name* [-u *username* [-w *password*] [-l *home_dir*] -g *group_name*]

[**-d** *debug_level*] [**-b** *output_file*] [**-q**]

[**-n**] | **-v** | **-?**

where:

- b *output_file*** 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 *debug_level*** Sets the debug level. Use in conjunction with the **ldtrc** command.
- g *group_name*** Specifies the user's primary group. This option is valid only on AIX, Linux, Solaris, and HP-UX systems.
- l *home_dir*** Specify the user's home directory. The default

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- value for a user's home directory on AIX, Linux, and HP-UX is /home/username or /export/home/username on Solaris. This option is valid only on AIX, Linux, Solaris, and HP-UX systems.
- 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 is suppressed. If the **-d** option is also specified, trace output is not suppressed.
- u username** Specifies the name of the user to create on the operating system.
- v** Prints the version information for this command.
- w password** Specifies the user's password.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPGRP002I Creating system user '*user*'.

Explanation: No additional information is available for this message.

GLPGRP003E The **-w** option is required.

Explanation: The **-w** option is required to specify the password of the system user.

Operator response: Specify the **-w** 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.

GLPGRP004I Enter password:

Explanation: No additional information is available for this message.

GLPGRP005I The password for user '*user*' will be set.

Explanation: No additional information is available for this message.

GLPGRP006I Setting the password for user '*user*'

Explanation: No additional information is available for this message.

GLPGRP007I Successfully changed password for user '*user*'.

Explanation: No additional information is available for this message.

GLPGRP008E Failed to set the user password.

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

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

GLPGRP009E An internal error occurred while running the 'idsadduser' command.

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

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPGRP010W 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.

GLPGRP011W The user 'user' already exists. The user will be recreated with modified properties.

Explanation: No additional information is available for this message.

GLPGRP012I The user does not have access to perform requested operation.

Explanation: This command must be run by an administrator group member or a root user.

Operator response: Attempt to run the command again as an administrator on windows and root user on non-windows operating system.

GLPGRP013I Exiting program, as requested by user.

Explanation: User has selected to exit.

Operator response: There is no roll back required, as there was nothing modified.

GLPGRP014E Script 'script' failed to create user 'user'.

Explanation: An error was encountered while running the program.

Operator response: View the earlier error messages for information about the exact error.

GLPGRP015I The user 'user' has been added successfully.

Explanation: No additional information is available for this message.

GLPGRP016I The user 'user' was added to the group 'group' successfully.

Explanation: No additional information is available for this message.

GLPGRP017E The user 'user' could not be added to group 'group'.

Explanation: No additional information is available for this message.

GLPGRP018E • GLPGRP030I

GLPGRP018E The required options **-u** and **-g** are missing.

Explanation: No additional information is available for this message.

GLPGRP019I System user will be created for directory server instance.

Explanation: No additional information is available for this message.

GLPGRP020I The system user *'user'* will be created.

Explanation: No additional information is available for this message.

GLPGRP021I The user's primary group *'group'* will be created.

Explanation: No additional information is available for this message.

GLPGRP022I The home directory for user *'user'* will be *'directory'*.

Explanation: No additional information is available for this message.

GLPGRP023I The default home directory for user *'user'* will be *directory*.

Explanation: The default value for a user's home directory on AIX, Linux, and HP-UX is `/home/username`. or `/export/home/username` on Solaris.

Operator response: Use the `-l` option on the command line to specify a home directory other than the default.

GLPGRP024I The user *'user'* will be a member of group *'idsldap'*.

Explanation: No additional information is available for this message.

GLPGRP025I The user *'root'* will be a member of group *'group'*.

Explanation: No additional information is available for this message.

GLPGRP026I The user *'user'* will be a member of the *'administrators'* group.

Explanation: No additional information is available for this message.

GLPGRP027E Failed to create user *'user'*. Error code return by *'command'* is *error code*.

Explanation: The system user creation command fails.

Operator response: Attempt to run the command again after rectify the problem specified by the return error code. If the problem persists, contact IBM Software Support.

GLPGRP028I The group *'group'* has been created successfully.

Explanation: No additional information is available for this message.

GLPGRP029I The user *'user'* was created successfully.

Explanation: No additional information is available for this message.

GLPGRP030I The user *'user'* was added to group *'group'* successfully.

Explanation: No additional information is available for this message.

GLPGRP031I Added user 'root' to group 'group' successfully.

Explanation: No additional information is available for this message.

GLPGRP032I Added user 'user' to group 'idsldap' successfully.

Explanation: No additional information is available for this message.

GLPGRP033W Cannot create group 'group'. Error code return by 'command' is error code.

Explanation: The system group creation command fails.

Operator response: Attempt to run the command again after rectify the problem specified by the return error code. If the problem persists, contact IBM Software Support.

GLPGRP034I The group 'group' already exists.

Explanation: No additional information is available for this message.

GLPGRP035E Failed to delete user 'user'. Error code return by 'command' is error code.

Explanation: The command fails, it may be user is currently logged in.

Operator response: Attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPGRP036E Pwdadm failed to clear 'user' password.

Explanation: No additional information is available for this message.

GLPGRP037E 'OS' is not a supported operating system.

Explanation: No additional information is available for this message.

GLPGRP038E Unable to change the access of 'directory' directory.

Explanation: No additional information is available for this message.

GLPGRP039I Be sure that the caller has the correct permissions for the directory.

Explanation: The tool failed to set the proper permission to user's home directory.

Operator response: The administrator needs to provide proper permissions to user's home directory before using created user.

GLPGRP040W 'command' was unable to add user 'root' to group 'command'.

Explanation: The system command fails.

Operator response: Attempt to run the command again after rectify the problem specified by the return error code. If the problem persists, contact IBM Software Support.

GLPGRP041I Attempting to add user 'root' to group 'group' to '/etc/group'.

Explanation: No additional information is available for this message.

GLPGRP042I Added user 'root' to group 'group' to local file '/etc/group' successfully.

Explanation: No additional information is available for this message.

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GLPGRP043E Failed to create user '*user*'. Error code return by '*command*' is error code.

Explanation: The system command fails.

Operator response: Attempt to run the command again after rectify the problem specified by the return error code. If the problem persists, contact IBM Software Support.

GLPGRP044I Temporary file '/tmp/group.tmp' was left as a reference.

Explanation: No additional information is available for this message.

GLPGRP045W Failed to modify file '/etc/group'.

Explanation: No additional information is available for this message.

GLPGRP046W The group '*group*' is not defined locally in the '/etc/group' file.

Explanation: No additional information is available for this message.

GLPGRP047I The user '*root*' is already a member of group '*group*'.

Explanation: No additional information is available for this message.

GLPGRP048I The -l and -g options will be ignored on this operating system.

Explanation: No additional information is available for this message.

GLPGRP050E Required script '*script*' not found.

Explanation: No additional information is available for this message.

GLPGRP051E The '*User name*' user cannot be recreated because an instance already exists for the user.

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 instance_name -i ipaddress

[-d debug_level] [-b output_file] [-q] [-n]] | -v | -?

where:

- b output_file** 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 debug_level** Sets the debug level. 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 instance_name** 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 is suppressed except for errors. If the **-d** option is also specified, trace output is not suppressed.
- v** Prints the version information for this command.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPHST002E An internal error occurred while running the `idssethst` command.

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

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPHST003W 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.

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 Software 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 computer 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 computer.

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 computer.

GLPICR001I Command to create a directory server instance.

Usage: *program name* [-I instance_name [-e encrypt_seed] [-g encrypt_salt] [-p port] [-s secureport]

[-a adm_port] [-c adm_secureport] [-t db_instance] [-C]

[-i ipaddress] [-l inst_location] [-r description]

[-d debug_level] [-b output_file] [-q] [-n] [-x] | -v | -?

where:

-a adm_port Specifies the port the directory administration server will listen on.

-b output_file 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 adm_secureport** Specify the secure port the directory administration server will listen on.
- C** Configure a database instance for an existing directory server instance.
- d debug_level** Sets the debug level.
Use in conjunction with the ldtrc command.
- e encrypt_seed** The seed to be used to create the key stash files for the directory server instance.
- g encrypt_salt** The salt 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 instance_name** Specifies the name of the directory server instance to create. The instance name must be an existing user ID on the computer and must be no greater than 8 characters in length.
- l inst_location** 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 is suppressed except for errors.
If the -d option is also specified, trace output

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- is not suppressed.
- r description A description of the directory server instance.
 - s secure_port The secure port of the directory server instance.
 - t db_instance 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.
 - x Create a proxy server instance. If this option is not given, then a full directory server instance with a DB2 instance will be created.
 - v Prints the version information for this command.
 - ? Displays the usage.

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 incorrect 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 incorrect 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.

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GLPICR015I The directory instance's administration server port will be set to *'port number'*.

Explanation: No additional information is available for this message.

GLPICR016I The directory instance's administration server 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 computer.

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: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPICR024W 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: Review the earlier error messages for information about 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 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 Software 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 Software 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 Software 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 Software 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 Software 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 Software 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 Software 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 Software Support.

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 Software 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 Software 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 computer 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 that 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 the administration server for directory instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR062I Created Windows service for the administration server for directory instance: '*instance name*'.

Explanation: No additional information is available for this message.

GLPICR063E Failed to create Windows service for the administration server for directory 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 Software Support.

GLPICR064W The Windows service for the administration server for directory instance '*instance name*' already exists.

Explanation: The admin daemon service was already installed and must have resided on the computer when creating the directory server instance.

Operator response: This is only a warning. If there are issues when starting the administration server for the directory instance as a service, then the directory server instance must be removed and added again. If this warning message continues to occur, contact IBM Software 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 Software 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 computer 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 Software Support.

GLPICR069I Adding entry to */etc/inittab* for the administration server for directory instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR070I Added entry to */etc/inittab* for the administration server for directory instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR071E Failed to add entry to */etc/inittab* for the administration server for directory instance: *'instance name'*.

Explanation: The admin server cannot be registered in */etc/inittab*.

Operator response: You must be the root user on the computer 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 Software Support.

GLPICR072W The entry in */etc/inittab* for the administration server for directory instance *'instance name'* already exists.

Explanation: The admin server was already installed in */etc/inittab* and must have resided on the computer when creating the directory server instance.

Operator response: This is only a warning. If there are issues when starting the administration server for the directory instance when the computer starts, then the directory server instance must be removed and added again. If this warning message continues to occur, contact IBM Software 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 Software 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.

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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 configure 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 Software 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 Software 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 Software Support.

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.

GLPICR090E 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 Software Support.

GLPICR091E 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.

GLPICR092E 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 incorrect encryption seed was specified.

Operator response: Specify an encryption seed value that complies with the supported format.

GLPICR093E The IP address specified *'IP Address'* is not an existing IP address on the computer.

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 computer.

GLPICR094E The ports 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: 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.

GLPICR095E Port *'port number'* is already being used by another directory server instance.

Explanation: Specified a port that is being used by another directory server instance

Operator response: Specify a port that is not being used in any other directory server instance.

GLPICR096E 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.

GLPICR097E 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 computer and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM Software Support.

GLPICR098E 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.

GLPICR099E 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 computer and has a primary group assigned to the user. If the user name and primary group are valid, contact IBM Software Support.

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 Software 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 Software 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 Software 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 administration server for the directory instance as a Windows Service.

Operator response: Review earlier error messages generated from the program to determine how to respond to this

GLPICR115E • GLPICR122E

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 Software 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 runtime executable for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR119I Created runtime executable for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPICR120E Failed to create runtime executable for directory server instance: *'instance name'*.

Explanation: The program failed to create the runtime executable for the directory server instance. The executable is called by the administration server to start the directory server for the 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 Software 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 Software Support.

GLPICR125E The directory server instance '*instance name*' is a proxy server instance for which a database instance cannot be configured.

Explanation: A directory server instance that is configured as a proxy cannot have a DB2 database instance configured for it.

Operator response: Reconfigure the directory server instance to not be a proxy and try to run the command again.

GLPICR126E A directory server instance with a DB2 database instance cannot be created because the necessary libraries are not loaded.

Explanation: A directory server instance with a DB2 database instance requires access to certain libraries that cannot be found on the system.

Operator response: Install the necessary files, or specify the -x option to create a proxy directory server instance.

GLPICR127I A new proxy directory server instance '*instance name*' will be created.

Explanation: No additional information is available for this message.

GLPICR128E The encryption salt must contain only 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 incorrect salt value was specified.

Operator response: Specify an encryption salt value that complies with the supported format.

GLPIDL001I Command to create a directory server instance from an existing directory server instance.

Usage: *program name* [options]
 where the options are:

- a password** The database instance owners's password.

 This will be used for the database configuration and

 is required when the -x option is not specified. This option is

 not allowed when the -x option is specified.
- b output_file** 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 `debug_level` Sets the debug level in the LDAP library.
Use in conjunction with the `ldtrc` command.
 - D `admin_DN` The directory administrator's distinguished name (DN) for the new directory server instance.
 - e `encrypt_seed` The seed to be used to create the key stash files for the directory server instance.
This must also match the encryption seed given when the source directory server instance was created.
 - I `instance_name` Specifies the name of the directory server instance to create. The instance name must be an existing user ID on the computer and must be no greater than 8 characters in length.
This ID will also be used as the database instance owner.
 - l `inst_location` The location to store the directory server instance's configuration files and logs. On Windows systems, this option is required and a drive letter must be specified. There must be at least 30 MB free.
If the directory server is not a proxy, this location will also be the DB2 database location and must have at least 80 MB free. Additional disk space must be available to accommodate growth as directory entries are added.
 - L `directory` Specifies to load the data from the source directory server instance into the newly created directory server and gives the directory path for the backup images.
This option is not allowed if the `-x` option is given and must be given with the `-r` and `-p` options.
 - K `key_file` File to use for keys for an SSL connection
 - n Run in no-prompt mode. All output is generated except for

- messages requiring user interaction.
- N key_name** Private key name to use in the keyfile for an SSL connection
- p** Perform the restore of the database on the new directory server instance. If the instance name given by the **-I** option already exists, the **idsideploy** command must have been run before to create this instance and back up the source server.
- The **-L** option is required if this option is specified.
- P key_pw** Keyfile password for the SSL connection
- q** Run in quiet mode. All output is suppressed except for errors. If the **-d** option is also specified, trace output is not suppressed.
- r peer|replica** Specifies to configure the new directory server instance in a replication environment as either a peer or replica. This option is not allowed if the **-x** option is given. The only valid values with the option are 'peer' and 'replica'.
- sU LDAP_URL** The LDAP URL for the source directory server instance. Format is `ldap(s)://hostname:port` Use `ldaps` to indicate that an SSL connection is to be made.
- sD admin_DN** The administrator DN for the source directory server instance.
- sw admin_Pw** The administrator PW for the source directory server instance.
- v** Prints the version information about the command.
- w admin_Pw** The password for the new directory server instance administrator DN.
- x** Specifies to create a proxy directory server instance, without a DB2 database instance. The source server must also be configured as a proxy server. This option is not allowed with the **-a**, **-L**, **-p** or **-r** options.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPIDL002E • GLPIDL009E

GLPIDL002E The LDAP URL for the source directory server instance, the **-sU** option, must be provided.

Explanation: The LDAP URL that will be used to contact the source directory server instance must be specified.

Operator response: Provide the **-sU** option to the command and specify the LDAP URL for the source directory server instance.

GLPIDL003E The administrator DN for the source directory server instance, the **-sD** option, must be provided.

Explanation: The administrator DN that will be used to connect to the source directory server instance must be specified.

Operator response: Provide the **-sD** option to the command and specify the administrator DN for the source directory server instance.

GLPIDL004E The administrator DN for the new directory server instance, the **-D** option, must be provided.

Explanation: The administrator DN that will be configured for the new directory server instance must be specified.

Operator response: Provide the **-D** option to the command and specify the administrator DN for the new directory server instance.

GLPIDL005E The directory path for the backup of the DB2 database, the **-L** option, must be provided.

Explanation: The path that will be used for the backup and restore of the DB2 database must be specified.

Operator response: Provide the **-L** option to the command and specify the directory path to be used for the backup and restore.

GLPIDL006E The **-x** and **-r** options cannot be used together.

Explanation: The replication environment setup requires a database, which is not part of a proxy server configuration.

Operator response: Specify either the **-x** or the **-r** option, but not both.

GLPIDL007E The **-x** and **-p** options cannot be used together.

Explanation: The restore option requires a database, which is not part of a proxy server configuration.

Operator response: Specify either the **-x** or the **-p** option, but not both.

GLPIDL008E The **-L** option is required with the **-r** option. Include a directory path for the database backup and restore.

Explanation: The replication environment option requires that the source directory server instance's data be backed up and the new directory server instance data be populated. The directory path for the backup and restore must be supplied.

Operator response: If the **-r** option is used, the **-L** option must also be given. Either do not include the **-r** option, or provide the **-L** option.

GLPIDL009E The **-w** option is required.

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

Operator response: Specify the **-w** 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

GLPIDL010E The LDAP URL given for the source directory server instance, the `-sU` option, is not a valid LDAP URL.

Explanation: The URL given is not a valid LDAP URL.

Operator response: Provide a valid LDAP URL: either `ldap://hostname:port` or `ldaps://hostname:port`.

GLPIDL011I Enter the directory server administrator password for the new directory server instance:

Explanation: No additional information is available for this message.

GLPIDL012E The `-sw` option is required.

Explanation: The `-sw` option is required to specify the password of the source directory server administrator.

Operator response: Specify the `-sw` 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

GLPIDL013I Enter the directory server administrator password for the source directory server instance:

Explanation: No additional information is available for this message.

GLPIDL014E The `-a` option is required.

Explanation: The `-a` option is required to specify the password of the database administrator.

Operator response: Specify the `-a` 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

GLPIDL015I Enter the database administrator password:

Explanation: No additional information is available for this message.

GLPIDL016E Unable to determine what mode the source directory server is running in.

Explanation: The utility could not determine whether the source directory server instance was running in configuration only mode or not.

Operator response: Verify that the source directory server is running and accessible from the target system.

GLPIDL017E The source directory server is running in configuration only mode.

Explanation: The source directory server is not running in a mode suitable for the utility. It cannot be running in configuration only mode.

Operator response: Verify that the source directory server is running, is accessible from the target system, and is not running in configuration only mode.

GLPIDL018E The source directory server is configured as a proxy server.

Explanation: The source directory server is configured as a proxy server; therefore, the target directory server must also be a proxy server.

Operator response: Include the `-x` option to the command, or specify a source directory server that is not configured as a proxy server.

GLPIDL019E The source directory server is configured as an RDBM server.

Explanation: The source directory server is configured as an RDBM server; therefore, the target directory server must also be an RDBM server.

Operator response: Do not include the `-x` option to the command, or specify a source directory server that is not configured as an RDBM server.

GLPIDL020I • GLPIDL029E

GLPIDL020I A new directory server instance '*instance name*' will be created from the source directory server instance, '*LDAP URL*'.

Explanation: No additional information is available for this message.

GLPIDL021E The encryption seed specified does not match the encryption seed for the source directory server instance.

Explanation: The encryption seed supplied must be the same as the one that was used when the source directory server instance was created.

Operator response: Ensure that the correct encryption seed is specified with the -e option.

GLPIDL022E The encryption seed or encryption salt value could not be retrieved from the source directory server instance.

Explanation: There was an error obtaining the information from the source directory server instance.

Operator response: Ensure that the source directory server instance is running and accessible.

GLPIDL023I A new proxy directory server instance '*instance name*' will be created from the source proxy directory server instance, '*LDAP URL*'.

Explanation: No additional information is available for this message.

GLPIDL024E The source directory server is not running IBM Tivoli Directory Server Version 6.1.

Explanation: The source directory server is not running a version of IBM Tivoli Directory Server supported by this utility.

Operator response: Specify a source directory server that is running IBM Tivoli Directory Server Version 6.1.

GLPIDL025E The source directory server type could not be determined.

Explanation: The source directory server type could not be retrieved.

Operator response: Ensure that the source directory server instance is running and accessible.

GLPIDL027E The directory server instance '*instance name*' does not exist.

Explanation: Cannot restore database to an instance that does not yet exist.

Operator response: If the wrong name was specified, specify a directory server instance name that exists. Otherwise, no action is required.

GLPIDL028E The specified directory, '*filename*', is not a valid directory, does not exist, or is not accessible. Cannot restore database.

Explanation: The directory specified for restoring the database is a location that is not valid or is not accessible.

Operator response: Verify that the location specified for the backup files is a valid location on the system and that you have access to that location. The directory must exist.

GLPIDL029E The -x and -L options cannot be used together.

Explanation: The backup option requires a database, which is not part of a proxy server configuration.

Operator response: Specify either the -x or the -L option, but not both.

GLPIDL030W The online backup of the source directory server instance database was not successful. Data will not be restored to the new directory server instance.

Explanation: The extended operation on the source directory server instance to perform the online backup of the database was not successful.

Operator response: Ensure that the database on the source directory server instance is configured correctly to allow for online backups and that the directory path given for the backup images exists on the source system.

GLPIDL031E Cannot establish a connection with the source directory server instance using the LDAP URL provided: '*ldapurl*'.

Explanation: Either the server is not running or the LDAP URL specified is not valid.

Operator response: Correct the LDAP URL and ensure that the server is running.

GLPIDL032E Unable to retrieve the operating system information for the target and source server systems.

Explanation: The utility was unable to retrieve information about the operating systems of the target and source systems.

Operator response: Ensure that the source server is running and accessible.

GLPIDL033I Copying SSL configuration related information and files.

Explanation: No additional information is available for this message.

GLPIDL034W The configuration information from the source server for '*configType*' could not be copied.

Explanation: The configuration information for the given function could not be copied from the source directory server instance.

Operator response: Ensure that the database on the source directory server instance is running and accessible.

GLPIDL035W The information for SSL configuration from the source directory server has been copied. Ensure that all necessary files are in place before starting the directory server instance. If desired, set `ibm-slapdSslPKCS11Enabled` to true.

Explanation: Verify the SSL configuration information before starting the new directory server instance.

Operator response: Verify that all the SSL information is accurate and applicable to the system.

GLPIDL036W Unable to transfer one or both of the key database and key stash files for SSL configuration from the source server.

Explanation: The key database file or the key stash file or both could not be transferred from the source system.

Operator response: Verify that the files exist on the source system and are accessible.

GLPIDL037W An SSL connection has not been established with the source directory server instance; therefore, information about the SSL configuration of that server will not be copied to the new directory server instance.

Explanation: The utility will not copy SSL related information if an SSL connection is not made with the source server.

Operator response: If the SSL information from the source server is required, establish an SSL connection with the source server through the utility.

GLPIDL038W The Kerberos configuration information from the source directory server instance has been copied to the target instance, but Kerberos is not currently enabled for the instance. Verify that the information is accurate and applicable to this system and modify the `ibm-slapdKrbEnable` attribute to be TRUE.

Explanation: The `ibm-slapdKrbEnable` attribute was set to FALSE after all the information was set because verification of the configuration is necessary before enabling Kerberos for the server instance.

Operator response: Verify that the Kerberos settings are accurate and applicable to the target system, and then enable Kerberos for the server instance.

GLPIDL039W Kerberos is configured for the source directory server instance, but the target system does not support Kerberos. The configuration information will not be copied to the target system.

Explanation: Only AIX system supports Kerberos authentication for the directory server instance.

Operator response: If Kerberos authentication is required for the directory server instance, use a system that supports Kerberos.

GLPIDL040W The restore of the DB2 database associated with the directory server instance was not successful. Data for the source directory server instance will not be loaded.

Explanation: The DB2 restore was not successful.

Operator response: Use other provided utilities to load the data on the target directory server instance.

GLPIDL041W Any additional plugins defined on the source directory server instance will not be copied to the target directory server instance configuration file. If necessary, plugins must be made available to the target system and added to the configuration file before use.

Explanation: The utility will not preserve any plugins that have been added to the source directory server instance's configuration.

Operator response: The libraries for the plugins must be made available to the target directory server instance system and added to the configuration.

GLPIDL042I Copying schema information from the source server.

Explanation: No additional information is available for this message.

GLPIDL043I Copying password policy information from the source server.

Explanation: No additional information is available for this message.

GLPIDL044I Copying audit information from the source server.

Explanation: No additional information is available for this message.

GLPIDL045I Copying ulimit information from the source server.

Explanation: No additional information is available for this message.

GLPIDL046I Copying Kerberos information from the source server.

Explanation: No additional information is available for this message.

GLPIDL047I Copying Digest information from the source server.

Explanation: No additional information is available for this message.

GLPIDL048I Replication has been successfully configured. The target source server is now a *'type'* in the replication topology. All agreements that were created have been put on hold and must be resumed for replication to begin.

Explanation: No additional information is available for this message.

GLPIDL049I The database for the directory server instance has been loaded/restored using the backup image in the *'directory'* directory.

Explanation: No additional information is available for this message.

GLPIDL050I The database for the directory server instance will not be loaded with data from the source directory server instance.

Explanation: No additional information is available for this message.

GLPIDL051W The replication configuration was not successful. The online backup of the source server will not be performed.

Explanation: Unable to configure replication.

Operator response: Ensure that the source directory server instance is running and accessible.

GLPIDL052I The backup of the database for the source directory server instance has been performed and the backed up information was saved in the *'directory'* directory.

Explanation: No additional information is available for this message.

GLPIDL053W The restore of the database was not successful or was not attempted due to a previous error. For replication to be fully configured, the data must be loaded on the target directory server instance.

Explanation: Unable to restore database.

Operator response: Load the data on the target directory server instance.

GLPIDL055W Unable to set the server ID. Replication could not be configured.

Explanation: Unable to configure replication because the server ID could not be set.

Operator response: Check the logs for error messages.

GLPIDL056I A subentry has been created in the replication topology for the directory server ID *'server id'* under the replication context *'context'* with `ibm-replicationServerIsMaster` set to *'is master'*.

Explanation: No additional information is available for this message.

GLPIDL057I An agreement has been created in the replication topology from the supplier directory server with ID *'supplier id'* to the consumer directory server with ID *'consumer id'* for the context *'context'* using a consumer URL of *'url'* and the credentials DN of *'cred dn'*.

Explanation: No additional information is available for this message.

GLPIDL058I The default credentials have been added to the target server's configuration file under the DN *'dn'*.

Explanation: No additional information is available for this message.

GLPIDL059I Additional supplier credentials have been added to the target server's configuration file under the DN *'dn'*.

Explanation: No additional information is available for this message.

GLPIDL060W Replication could not be configured because the source directory server is not currently configured as a master server.

Explanation: Unable to configure replication because the source server is not set up as a master server in a replication topology.

Operator response: Ensure that replication is configured correctly or specify an alternate source directory server, or both.

GLPIDL061W Replication could not be configured because the source directory server is currently configured as a gateway server in the replication topology.

Explanation: Unable to configure replication because the source server is set up as a gateway server in a replication topology.

Operator response: Specify an alternate source directory server that is not configured as a gateway server.

GLPIDL062I The directory server instance '*instance name*' has been created.

Explanation: No additional information is available for this message.

GLPIDL063W The DB2 backup and restore operations are not permitted between the target operating system, '*targetOS*', and the source operating system, '*sourceOS*'.

Explanation: DB2 does not support backup and restore between the operating systems shown.

Operator response: Either specify target and source operating systems that support backup and restore, or move the DB2 data in some other way.

GLPIDL064I Performing online backup of database on source directory server.

Explanation: No additional information is available for this message.

GLPIDL065E The database instance owner's password (-a option) cannot be specified when a proxy server is being cloned (-x option).

Explanation: A proxy server does not have database instance, and specifying a database instance owner's password is not valid when cloning a proxy server.

Operator response: Do not specify both the -a and -x options.

GLPIDL066E The bind dn and pw to connect to the source server must be the admin DN and PW.

Explanation: The admin DN and PW is required to bind to the source server.

Operator response: Please provide the admin dn and pw.

GLPIDL067W The '*dn*' entry cannot be copied to the target server. This entry must be created manually.

Explanation: The '*dn*' entry is not copied to the target server. This tool only supports replication configured to use simple binds.

Operator response: Please create the required entry manually for replication to work properly.

GLPIDP001I Command to delete a directory server instance.

Usage: *program name* [-I *instance_name* [-r] [-d *debug_level*]

[-R] [-b *output_file*] [-q] [-n]] | -v | -?

where:

-b *output_file* 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 debug_level** Sets the debug level.
Use in conjunction with the ldtrc command.
- I instance_name** 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 is suppressed except for errors. 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 for this command.
- ?** Displays the usage.

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 Software 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 Software 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 Software 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 Software 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 Software 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 Software 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 Software 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 Software 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 Software 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: 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 Software 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: 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 Software 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 failed to delete the admin daemon entry from the /etc/inittab file.

Operator response: 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 Software 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)?:

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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 Software Support.

GLPIDP050W 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.

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 Software 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 Software 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 a database instance is not configured.

Operator response: Only try to drop the database instance for a directory server instance if a database instance 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 Software 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 Software 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 Software 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 Software 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, the program cannot use DB2 function.

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 in the database instance will be preserved.

Explanation: No additional information is available for this message.

GLPIDP072I Deleting the runtime executable for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP073I Deleted the runtime executable for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP074E Failed to delete the runtime executable for directory server instance: *'instance name'*.

Explanation: The program failed to delete the runtime 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 Software Support.

GLPIDP075I Deleted the `ldapdb.properties` file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPIDP076E Failed to delete the `ldapdb.properties` file for directory server instance: *'instance name'*.

Explanation: The program failed to delete the `ldapdb.properties` 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 Software Support.

GLPIDP077I Deleting the `ldapdb.properties` file for directory server instance: *'instance name'*.

Explanation: No additional information is available for this message.

GLPILT001I Command to list the directory server instances on the computer.

Usage: *program name* [[-a | -r] [-d debug_level] [-b output_file]]

| -v | -?

where:

- a** Specifies to list the full information about each instance.
- b output_file** 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 debug_level** Sets the debug level.
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 for this command.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPILT002E An internal error occurred while running the `idsilist` command.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. An internal error occurred while running `idsilist` command. This might have been caused because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, 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 Software Support.

GLPILT003W 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.

GLPILT004I • GLPILT017I

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.

GLPINS001E Cannot get a handle to the Registry.

Explanation: The error might have occurred due to insufficient access rights.

Operator response: Refer to the `ldapinst.log` file for more details.

GLPINS002E Installation cannot continue.

Explanation: The installation of IBM Tivoli Directory Server failed.

Operator response: Refer to the `ldapinst.log` file for more details.

GLPINS003E GSKit will not be installed.

Explanation: The system is unable to locate required files for GSKit installation.

Operator response: Verify that the install image contains the `/gskit` directory at the root of the image. This directory must contain a valid GSKit install image. If this problem persists and the image was downloaded, try downloading the image again.

GLPINS004E Cannot locate the installation files for DB2.

Explanation: The system is unable to locate required files for DB2 installation.

Operator response: Verify that the install image contains the `/db2` directory at the root of the image. This directory must contain a valid DB2 install image. If this problem persists and the image was downloaded, try downloading the image again.

GLPINS005E Cannot locate the installation files for GSKit.

Explanation: The system is unable to locate required files for GSKit installation.

Operator response: Verify that the install image contains the `/gskit` directory at the root of the image. This directory must contain a valid GSKit install image. If this problem persists and the image was downloaded, try downloading the image again.

GLPINS006E DB2 installation failed.

Explanation: The installation of DB2 has failed.

Operator response: Refer to the `ldapinst.log` file for more details.

GLPINS007E GSKit installation failed.

Explanation: The installation of GSKit has failed.

Operator response: Refer to the `ldapinst.log` file for more details.

GLPINS018I *Generic installfailed* installation failed.

Explanation: Installation of the feature failed.

Operator response: Refer to the `ldapinst.log` file for more details.

GLPINS019I *Generic required is required.*

Explanation: The indicated requirement has not been met.

Operator response: Refer to the ldapinst.log file for more details.

GLPINS020E **Software installation requires administrator (root) authority.**

Explanation: You do not have administrator privileges on a Windows system or you are not the root user on an AIX, Linux, Solaris, or HP-UX system.

Operator response: Log on as a user with the correct privileges before continuing.

GLPINS024E **Product not supported on this operating system.**

Explanation: The product is not supported on this operating system.

Operator response: Refer to the IBM Tivoli Directory Server System Requirements document for information about supported operating systems.

GLPINS027I **Refer to the IBM Tivoli Directory Server Installation and Configuration Guide.**

Explanation: No additional information is available for this message.

GLPINS039I **The C Client is required.**

Explanation: The C Client must be selected because it is required by the Proxy Server and the Server features.

Operator response: If you do not want the C Client to be installed you must deselect the Proxy Server and Server features.

GLPINS040I **DB2 is required.**

Explanation: DB2 must be selected because it is required by the Server feature.

Operator response: If you do not want DB2 to be installed you must deselect the Server feature.

GLPINS041I **The version of DB2 currently installed is not supported by the server. The version of DB2 necessary cannot coexist with the currently installed version of DB2. Before installing the server, the currently installed version of DB2 must be uninstalled or upgraded.**

Explanation: The version of DB2 currently installed is not supported by the server. The version of DB2 included with IBM Tivoli Directory Server cannot be installed because this version of DB2 does not support the coexistence of both levels.

Operator response: If you want to install the server component, you must first uninstall or upgrade the DB2 that is currently installed. Refer to the DB2 documentation for information. If you do not want to install the server component you can continue with the installation. You will be given a choice of available components to install on another panel.

GLPINS042I **The version of DB2 currently installed is not supported by the server. Data from the currently installed version of DB2 cannot be migrated to the required version of DB2. Before installing the server, the currently installed version of DB2 must be uninstalled or upgraded.**

Explanation: The version of DB2 currently installed is not supported by the server. The version of DB2 included with IBM Tivoli Directory Server cannot be installed because this version of DB2 does not support migration from the currently installed version.

Operator response: If you want to install the server component, you must first uninstall or upgrade the DB2 that is currently installed. Refer to the DB2 documentation for information. If you do not want to install the server component you can continue with the installation. You will be given a choice of available components to install on another panel.

GLPINS043I The Server and Proxy Server require the C Client.

Explanation: If the server or proxy server is selected and there is no C Client, then the C Client must be selected.

Operator response: Select the C Client if you want to install the Server or Proxy Server.

GLPINS045E There is not enough space in partition *partition space* to continue.

Explanation: There is not enough space to install the selected options.

Operator response: Free some disk space or modify your selections.

GLPINS046E There is not enough temporary space to continue.

Explanation: The installation program uses temporary space and there is not enough to continue.

Operator response: Increase the amount of space in the system temporary directory or you can specify a different temporary directory for the installation program to use. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for details about this command line option.

GLPINS047E A nonsupported version of SecureWay Directory C Client has been detected.

Explanation: Only IBM Tivoli Directory Server 5.1 and later can be upgraded during the installation.

Operator response: Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for details on upgrading from a previous release.

GLPINS080W This is either a network drive or a drive that is not writable. Choose another drive.

Explanation: The drive chosen is not valid.

Operator response: Choose a drive that is local and writable.

GLPINS086E Cannot locate the installation files for Embedded WebSphere Application Server.

Explanation: The system is unable to locate required files for Embedded WebSphere® Application Server installation.

Operator response: Verify that the install image contains the /appsrv directory at the root of the image. This directory must contain a valid Embedded WebSphere Application Server install image. If this problem persists and the image was downloaded, try downloading the image again.

GLPINS088E Installation failed for the Embedded WebSphere Application Server.

Explanation: The installation of the Embedded WebSphere Application Server has failed.

Operator response: Refer to the ldapinst.log file or the idsappinst.log file for more details.

GLPINS089I Refer to the ldapinst.log in *ldapinst.log* for more information.

Explanation: No additional information is available for this message.

GLPINS090E Deployment of the Web Administration Tool into the WebSphere Application Server failed.

Explanation: The deployment of the Web Administration Tool into the WebSphere Application Server has failed.

Operator response: Refer to the ldapinst.log file for more details.

GLPINS093E Installation was unable to add the configuration command to the Windows registry. The Configuration Tool, idsxinst, will not launch after the computer restarts.

Explanation: An error occurred while updating the Windows registry to launch the Configuration Tool after restart.

Operator response: After the computer has been restarted, invoke the idsxinst Configuration Tool.

GLPINS095I You must be running in 64-bit mode to install the Server component.

Explanation: No additional information is available for this message.

GLPINS097I An unsupported version is installed. This will be upgraded to version *upgraded version*.

Explanation: No additional information is available for this message.

GLPINS102E Cannot locate the installation files for IBM Tivoli Directory Server.
Exiting Installation.

Explanation: The system is unable to locate required files for the IBM Tivoli Directory Server installation.

Operator response: Verify that the install image contains the /tdsfiles directory at the root of the image. This directory must contain valid IBM Tivoli Directory Server install images. If this problem persists and the install image was downloaded, try downloading the image again.

GLPINS105I Upgrade of Embedded WebSphere Application Server failed.

Explanation: No additional information is available for this message.

GLPINS124E The user name cannot contain more than *count* characters.

Explanation: The user name supplied must be that of a valid user on the system. The user name must be between 1 and 8 characters in length. 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 and is valid.

GLPINS126E The user name *username* is not a valid system user.

Explanation: The user name supplied must be that of a valid user on the system. The user name must be between 1 and 8 characters in length. 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 user name is entered.

GLPINS127E The user name is not a valid name and violates the directory server instance naming rules.
Only the characters a-z, A-Z, and 0-9 are allowed.
The user name cannot include accented characters or certain reserved keywords.

Explanation: The user name specified can contain only characters 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 AIX, Linux, Solaris, and HP-UX systems, the user name cannot be 'root'.

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

GLPINS128E The directory server instance *DirInstanceName* already exists.
Specify a unique directory server 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 the IBM Tivoli Directory Server upgrade, a user name default is chosen based on the DB2 instance name detected from the configuration file from the previous release. If a directory server instance already exists on the system with that same name, then the upgrade cannot continue until a different user name is specified.

Operator response: Verify that a unique and valid system user name is specified, and that a directory server instance does not already exist with that name.

GLPINS129E 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.

GLPINS130E 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.

GLPINS131E 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 that are in the range of a-z, A-Z and 0-9.

Operator response: Verify that the encryption seed string satisfies this requirement.

GLPINS133E The backup necessary for upgrading failed. Installation cannot continue.

Explanation: The migbkup utility failed. Upgrading IBM Tivoli Directory Server cannot continue without a successful backup. Installation cannot continue. Either the /etc folder is not present or some files in it are missing.

Operator response: Verify that the /etc folder exists in the installation directory with all the necessary files. If upgrading is not needed, uninstall the previous version of IBM Tivoli Directory Server.

GLPINS134E The instance migration failed.

Explanation: The idsimigr utility failed.

Operator response: Refer to the ldapinst.log file for more details. Correct the errors and run either the idsxinst or idsimigr tool to migrate the instances.

GLPINS151E Cannot locate the installation files for IBM Tivoli Directory Integrator.

Explanation: The system is unable to locate required files for IBM Tivoli Directory Integrator installation.

Operator response: Verify that the install image contains the /tdi directory at the root of the image. This directory must contain a valid IBM Tivoli Directory Integrator install image. If this problem persists and the image was downloaded, try downloading the image again.

GLPINS154E Deployment of the TDI Administration and Monitoring Console into the WebSphere Application Server failed.

Explanation: The deployment of the TDI Administration and Monitoring Console into the WebSphere Application Server has failed.

Operator response: Refer to the ldapinst.log file for more details.

GLPINS158E Specify the correct location of Websphere Application Server.

Explanation: The Websphere Application Server you are trying to deploy into is lower than version 6.1.

Operator response: Verify that Websphere Application Server satisfies the above mentioned requirement.

GLPINS160E The WebSphere Application Server could not be verified.

Explanation: The version of WebSphere Application Server could not be verified.

Operator response: Specify the correct location where WebSphere Application Server is installed and verify that it is installed properly.

GLPINS161E WebSphere Application Server install location directory could not be verified.

Explanation: Incorrect location of Websphere Application Server.

Operator response: Specify the correct location where WebSphere Application Server is installed.

GLPINS162E Please specify the WebSphere Application Server location.

Explanation: WebSphere Application Server location was not found.

Operator response: Specify the WebSphere Application Server location manually or by clicking 'Browse' button and then click on 'Next' button to continue.

GLPINS166I Instance upgrade failed. Refer to pre60idsimigrErr.log in *pre60idsimigrErr.log* for more information.

Explanation: The instance upgrade has failed.

Operator response: Refer to the pre60idsimigrErr.log file for more details.

GLPINS167I Uninstallation of a previous release identified on the system failed.

Explanation: No additional information is available for this message.

GLPINS174E Deployment of the Directory White Pages application into the WebSphere Application Server failed.

Explanation: The deployment of the Directory White Pages application into the WebSphere Application Server has failed.

Operator response: Refer to the idsappinst.log file for more details.

GLPINS177I The Proxy and Server require the Base Server.

Explanation: The Base Server cannot be uninstalled unless Server and Proxy Server are uninstalled.

Operator response: If you want to uninstall the Base Server, select the Proxy and Server for uninstallation.

GLPINS178I The Java Client is required.

Explanation: During installation, the Java Client must be selected because it is required by the Proxy Server, Server, and Tivoli Directory Integrator features. During uninstallation, the Java Client cannot be uninstalled unless the Proxy Server, Server, and Tivoli Directory Integrator features are also uninstalled.

Operator response: If you do not want the Java Client to be installed you must deselect the Proxy Server, Server and Tivoli Directory Integrator features. If you do not want the Java Client to be uninstalled you must also select the Proxy Server, Server and Tivoli Directory Integrator features for uninstallation.

GLPINS179I The Server requires DB2.

Explanation: During uninstallation, DB2 cannot be uninstalled unless the Server feature is also uninstalled.

Operator response: If you want DB2 to be uninstalled you must also select the Server for uninstallation.

GLPINS180I The Tivoli Directory Integrator, Server and Proxy Server require the Java Client.

Explanation: During installation, the Java Client must be selected because it is required by the Proxy Server, Server, and Tivoli Directory Integrator features. During uninstallation, the Java Client cannot be uninstalled unless the Proxy Server, Server, and Tivoli Directory Integrator features are also uninstalled.

Operator response: If you do not want the Java Client to be installed you must deselect the Proxy Server, Server and Tivoli Directory Integrator features. If you do not want the Java Client to be uninstalled you must also select the Proxy Server, Server and Tivoli Directory Integrator features for uninstallation.

GLPINS181I Refer to the idsappinst.log in *idsappinst.log* for more information.

Explanation: No additional information is available for this message.

GLPINS186E Creation of a default database instance has failed.

Explanation: Creation of the default database instance for the IBM Tivoli Directory Server has failed.

Operator response: Refer to the ldapinst.log file for more details.

GLPINS187E Installation of the Deployment Engine Failed. TDI Server and AMC has not been installed.

Explanation: The Installation of the Deployment Engine for TDI has failed. The IBM Tivoli Directory Integrator Runtime Server and Administration and Monitoring Console cannot be installed without the Deployment Engine.

Operator response: Refer to the ldapinst.log file for more details.

GLPINS188E Installation of TDI Runtime Server Failed.

Explanation: The Installation of the TDI Runtime Server has failed.

Operator response: Refer to the ldapinst.log file for more details.

GLPINS189E Installation of the TDI Administration and Monitoring Console Failed.

Explanation: The Installation of the TDI Administration and Monitoring Console has failed.

Operator response: Refer to the ldapinst.log file for more details.

GLPINS199E The installation image cannot be installed on this operating system.

Explanation: The installation image cannot be installed on this operating system. Most probable cause is that a 32 bit mode image is being used on a 64 bit mode operating system.

Operator response: Refer to the ldapinst.log file for more details. The log will list the architecture of the system you are installing on. Make sure the image you are using is supported by this version of the operating system.

GLPINS222I Refer to the ldapuninst.log in *ldapuninst.log* for more information.

Explanation: No additional information is available for this message.

GLPISA001I Usage: *program name* [-i -g -l bits -s mode [-n] [-q] [-f]] | -v | -h

-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 conflicts will be backed up.

GLPISA002I • GLPISA004E

- g Create links for non-IBM-specific client command utilities only.
- h Display the usage.
- i Create links for IBM-specific client command utilities only.
- l bits Create links for client library files.
where bits is 32 or 64.
- n Display what links will be set without setting them.
- q Quiet mode option.
- s mode Create links for server command utilities.
where mode is base or fullsrv.
- v Display the version for this command.

Explanation: No additional information is available for this message.

GLPISA002I Usage: *program name* [-i -g -l bits -s mode [-n] [-q]] | -v | -h

- h Display the usage.
- 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.
- n Display what links will be removed without removing them.
- s mode Remove links for server command utilities.
where mode is base or fullsrv.
- q Quiet mode option.
- v Display the version for this command.

Explanation: No additional information is available for this message.

GLPISA003I Backing up: *Original File Name to Backup File Name*

Explanation: No additional information is available for this message.

GLPISA004E You must be the root user to run this command.

Explanation: The link command cannot run because the user is not root.

Operator response: Log in as the root user and run the link command again.

GLPISA005I Program: *program name* **Version:** *idslink version* **is run on:** *Current Date*

Explanation: No additional information is available for this message.

GLPISA006E Not a supported operating system: *OS*

Explanation: This link command can only be run on Linux, AIX, Solaris and HP-UX operating systems.

Operator response: Check your operating system type by running this command: `uname`.

GLPISA007E Unexpected program name: *program name*

Explanation: Program name must be `idslink` or `idsrmlink`.

Operator response: Rename the program to `idslink` or `idsrmlink` and try again.

GLPISA008I Program: *program name* **is running in pretend mode.**

Explanation: No additional information is available for this message.

GLPISA009I *program name* **version is:** *IDS Version*

Explanation: No additional information is available for this message.

GLPISA010E Wrong version of *program name*. **The correct version must be:** *Version Dir*

Explanation: A different version of this link command exists on your system.

Operator response: Find the correct version and try again.

GLPISA011I Setting link: *File To Link From -> File To Link To*

Explanation: No additional information is available for this message.

GLPISA012I Found existing file or directory: *Existing File or Dir*

Explanation: No additional information is available for this message.

GLPISA013W Target file not found: *Target File*

Explanation: This link command tried to set a symbolic link to the target file and failed.

Operator response: If this link is required, verify the target file path and create the link manually.

GLPISA014I Found existing link: *Existing Link*

Explanation: No additional information is available for this message.

GLPISA015I Removing link: *Link To Remove*

Explanation: No additional information is available for this message.

GLPISA016E Bitmode=BITMODE is not a supported bit mode.

Explanation: Client library files are provided with 32 bits or 64 bits only.

Operator response: Provide the correct bit mode to the client libraries option, and try again.

GLPISA017E • GLPISA027I

GLPISA017E Failed to run: *command to execute*

Explanation: Failed to run the specified command.

Operator response: See the program log file for details about the failure.

GLPISA018W 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 the force option.

GLPISA019E Cannot set and remove link in one command.

Explanation: The options for setting links and removing links are mutually exclusive.

Operator response: Rerun, using the option for setting links and the option for removing links on separate commands.

GLPISA020E Option was not correctly specified.

Explanation: Specified an option incorrectly.

Operator response: Try again, specifying all the options correctly.

GLPISA021E Invalid argument=*option argument*

Explanation: See the usage description for details.

Operator response: Provide a correct argument option, and try again.

GLPISA022I Setting links for *set description*

Explanation: No additional information is available for this message.

GLPISA023W Overriding conflict of *set description* is not allowed because a version of IBM Tivoli Directory Server that is before 6.0 exists.

Explanation: A version of Directory Server before version 6.0 exists on the system.

Operator response: Uninstall the older version of Directory Server, and try again.

GLPISA024I Overriding conflict of *set description*.

Explanation: No additional information is available for this message.

GLPISA025W Conflicts found. Cannot set links for *set description*.

Explanation: Conflicts exist.

Operator response: Rerun the command with the force option.

GLPISA026I TDS client command utilities

Explanation: No additional information is available for this message.

GLPISA027I Client command utilities

Explanation: No additional information is available for this message.

GLPISA028I Client libraries - 64-bit in name

Explanation: No additional information is available for this message.

GLPISA029I Client libraries - 64-bit

Explanation: No additional information is available for this message.

GLPISA030I Client libraries - 32-bit

Explanation: No additional information is available for this message.

GLPISA031I Base server command utilities

Explanation: No additional information is available for this message.

GLPISA032I Full server command utilities

Explanation: No additional information is available for this message.

GLPISA033I 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.

GLPISA034I libldap

Explanation: No additional information is available for this message.

GLPISA035E Lists to copy are 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.

GLPISA036E 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.

GLPISA037W Not a valid IDWebApp.war file.

Explanation: There is no IDWebApp.war file found at the specified location.

Operator response: Check to see that IDWebApp.war file exists at the specified location; specify the correct path.

GLPISA038I

Usage: `deploy_IDWebApp.bat [-v] [-h] [-w war_file_path]`

`[-a app_name [-u]]`

`[-p app_server_path] [-r profile]`

`[-o ports_file]`

Deploys IDWebApp.war file to WebSphere Application Server, retaining the configuration settings of the currently deployed IDWebApp, if any.

GLPISA039I

Note: `deploy_IDSWebApp.bat` must be present in the `/TDS installpath/idstools` folder.

- `-a app_name` Application name, defaults to `IDSWebApp.war` if not specified.
- `-h` Displays the usage.
- `-u` Uninstall a previously existing application.

Option `-a` should be used to specify the application to uninstall.
If not specified, the default application `IDSWebApp.war` will be un-deployed.
- `-v` Display the version and date strings for the `deploy_IDSWebApp` command and the application war file.

The following options are necessary for all operations associated with non Embedded WAS deployments and optionally can also be used for Embedded WAS.

- `-p app_server_path` Location of WebSphere Application Server where the application is to be deployed.
- `-r profile_name` Profile name associated with the application.
If not specified, the default is `'TDSWebAdminProfile'`.
- `-w war_file_path` The fully qualified path of the `IDSWebApp.war` file to deploy.
If not specified, the default is `'TDSWebAdminProfile'`.
- `-o ports_file` The fully qualified path of the ports definition file to use.
If not specified, the default is `'C:\Program Files\IBM\LDAP\V6.1\idstools\TDSWEBPortDef.props'`.

Explanation: No additional information is available for this message.

GLPISA039I

Usage: `deploy_IDSWebApp [-v] [-h] [-w war_file_path]`

`[-a app_name [-u]]`

`[-p app_server_path] [-r profile_name]`

`[-o ports_file]`

Deploys `IDSWebApp.war` file to WebSphere Application Server, retaining the configuration settings of the currently deployed `IDSWebApp`, if any.

Note: `deploy_IDSWebApp` must be present in the `/TDS installpath/idstools` folder.

- `-a app_name` Application name, defaults to `IDSWebApp.war` if not specified.

- h Display the usage.
- u Uninstall a previously existing application.
 Option -a should be used to specify the application to uninstall.
 If not specified, the default application IDSSWebApp.war will be undeployed.
- v Display the version and date strings for the deploy_IDSSWebApp
 command and the application war file.

The following options are necessary for all operations associated with non Embedded WAS deployments and optionally can also be used for Embedded WAS.

- p app_server_path Location of WebSphere Application Server where the application is
 to be deployed.
- r profile_name Profile name associated with the application.
 If not specified, the default is 'TDSWebAdminProfile'.
- w war_path_path The fully qualified path of the IDSSWebApp.war file to deploy.
- o ports_file The fully qualified path of the ports definition file to use.
 If not specified, the default is '/opt/ibm/ldap/V6.1/idstools/TDSWEBPortDef.props'.

Explanation: No additional information is available for this message.

GLPISA040I You have chosen to UNDEPLOY *IDSSWebApp_Name*
 The configuration files for the current application will be stored in *WAS_HOME\temp\uninstall_IDSSWebApp.tmp*

Explanation: No additional information is available for this message.

GLPISA041I An application named *IDSSWebApp_Name* will be undeployed

Explanation: No additional information is available for this message.

GLPISA042E The specified profile already exists. Specify another name.

Explanation: The specified profile already exists at the location where you are trying to create a new profile.

Operator response: Specify a different profile name.

GLPISA043I

Command Version: *version number*

Command Date: *date*

Explanation: No additional information is available for this message.

GLPISA044I

Usage: idswmigr.bat [-l] [-s -t -i -r -a -v -o]

where:

required fields are:

-l is the location for temporary files

optional fields are:

-a is the application name. Defaults to IDSWebApp.war if not specified.

-i home directory where the current version of IBM Tivoli Directory Server is installed.

-r is the profile name associated with the application. Default assumed if not specified is - 'TDSWebAdminProfile'.

-s is the source location for the previous version of

Embedded WebSphere Application Server (version to be migrated)

-t is the target location where the new Embedded WebSphere Application Server is installed

-v is the version.

-o is the fully qualified path of the ports definition file. Default assumed if not specified is 'C:\Program Files\IBM\LDAP\V6.1\idstools\TDSWEBPortDef.props'.

Explanation: No additional information is available for this message.

GLPISA045E The command line parameter, *parameter*, is not valid.
Use -usage to see the available command line options.

Explanation: An incorrect parameter has been specified.

Operator response: Check to see that all the parameters specified are correct and valid. For more information use -usage option.

GLPISA046E The IDSWebApp.war uninstallation failed. Upgrade cannot continue.

Explanation: Uninstallation of the IDSWebApp.war file has failed.

Operator response: The previous version of Embedded WAS might not have IDSWebApp.war deployed. Make sure that the IDSWebApp.war file is deployed.

GLPISA047E The Embedded WAS PreUpgrade failed. Upgrade cannot continue.

Explanation: Embedded WAS PreUpgrade has failed.

Operator response: An error occurred while running the PreUpgrade command. Contact the system administrator.

GLPISA048E The Embedded WAS PostUpgrade failed. Upgrade cannot continue.

Explanation: Embedded WAS PostUpgrade has failed.

Operator response: An error occurred while running the PostUpgrade command. Contact the system administrator.

GLPISA049E Error copying the IDWebApp.war file. Upgrade cannot continue.

Explanation: Cannot copy IDWebApp.war file.

Operator response: The IDWebApp.war file might not exist at the source location.

GLPISA050E Error running wsadmin command. Upgrade cannot continue.

Explanation: Cannot install the new WAR file into the new WAS product.

Operator response: An error occurred while running the wsadmin command. Contact the system administrator.

GLPISA051I IBM Tivoli Directory Server *VERSION* migration for Embedded WebSphere Application Server

Explanation: No additional information is available for this message.

GLPISA052E The specified profile already exists. Specify another name.

Explanation: The specified profile already exists at the location where you are trying to create a new profile.

Operator response: Specify a different profile name.

GLPISA053E The current Embedded WebSphere Application Server directory contains a deployed IBM Tivoli Directory Server Web Administration Tool. Upgrade cannot continue.

Explanation: Embedded WAS already contains a deployed Web Administration Tool.

Operator response: Uninstall the current Web Administration Tool and try again. If the problem persists, contact the system administrator.

GLPISA054E The current IBM Tivoli Directory Web Administration tool must be installed.

Explanation: The Web Administration tool is not installed.

Operator response: Install the Web Administration Tool and try again. If the problem persists, contact the system administrator.

GLPISA055E Cannot back up previous IDWebApp configuration. Upgrade cannot continue.

Explanation: An error occurred while copying Web Administration Tool files from the previous release.

Operator response: Make sure the source and destination directories exist.

GLPISA056E Cannot restore previous IDWebApp configuration. Backed up files stored at: *RESTORE*

Explanation: An error occurred while restoring the Web Administration Tool configuration saved previously.

Operator response: Make sure the source and destination directories exist.

GLPISA057I

Usage: idswmigr [-l] [-s -t -i -r -a -v -o]

where:

required fields are:

GLPJP001I

-l is the location for temporary files

optional fields are:

-a is the application name. Defaults to IDSWebApp.war if not specified.

-r is the profile name associated with the application. Default assumed if not specified is - 'TDSWebAdminProfile'.

-s is the source location for the previous version of Embedded WebSphere Application Server (version to be migrated)

-t is the target location where the new Embedded WebSphere Application Server is installed

-v is the version

-o is the fully qualified path of the ports definition file. Default assumed if not specified is '/opt/ibm/ldap/V6.1/idstools/TDSWEBPortDef.props'.

Explanation: No additional information is available for this message.

GLPJP001I This tool synchronizes a replica server with its master.

Usage:

```
ldapdiff -b baseDN -sh -ch -sD -sw -cD -cw [options]
```

or

```
ldapdiff -S -sh -ch [options]
```

where:

-? Displays this help screen.

-b baseDN base DN for search
(optional if LDAP_BASEDN set in environment)

-S compare the schema on the two servers

Options for replication supplier:

-sh host LDAP hostname

-sp port LDAP port number

-sD DN Administrator/bind DN

-sw password Administrator/bind password

-sZ use a secure LDAP connection(SSL)

-sK keyStore keyfile to use for keys

-sP keyStorePwd keyfile password
 -sN keyStoreType private key name to use in keyfile
 -sT trustStore keyfile to use for keys
 -sY trustStorePwd keyfile password
 -st trustStoreType private key name to use in keyfile

Options for replication consumer:

-ch host LDAP hostname
 -cp port LDAP port number
 -cD DN Administrator/bind DN
 -cw password Administrator/bind password
 -cZ use a secure LDAP connection(SSL)
 -cK keyStore keyfile to use for keys
 -cP keyStorePwd keyfile password
 -cN keyStoreType private key name to use in keyfile
 -cT trustStore keyfile to use for keys
 -cY trustStorePwd keyfile password
 -ct trustStoreType private key name to use in keyfile

Other Options:

-a use server administration control (for fixes)
 -C count for the number of entries to compare
 -F fix (not supported for schema). Requires -a option
 -j ignore replication operational attributes in LDIF file
 -L filename specifies the LDIF file for output
 -x ignore extra entries on the consumer
 -0 Display DNs only for conflicting entries (Overrides -F and -L options)

Explanation: No additional information is available for this message.

GLPJP002I Only operational attributes differ for this entry.

Explanation: No additional information is available for this message.

GLPJPB003I Schema compare is complete.

Explanation: No additional information is available for this message.

GLPJPB004I Schema compare is in progress...

This might take a few minutes...

Explanation: No additional information is available for this message.

GLPJPB005I Successfully connected to both servers.

Explanation: No additional information is available for this message.

GLPJPB006E Error occurred while connecting to server: *error details*.

Explanation: Unable to connect to the directory server. Check to be sure that the server is running and reachable through the network.

Operator response: The error might have occurred for one of the following reasons:

- The server might be down. Start or restart the server.
 - The configuration settings required for directory server access might be incorrect or might not exist. Verify that the configuration settings are correct.
 - There might be a problem in the network. Check the network settings and check that the ping command to the server returns Success.
-

GLPJPB007E Exception occurred while initializing server "*server name*" for SSL.

Required parameters are missing.

Required parameters: TrustStore, TrustStorePwd, TrustStoreType, KeyStore, KeyStorePwd, KeyStoreType.

Explanation: The required parameters for initializing a server for SSL are TrustStore, TrustStorePwd, TrustStoreType, KeyStore, KeyStorePwd, KeyStoreType. An exception occurred while initializing the server for SSL. At least one of the required parameters is missing.

Operator response: Contact the directory server administrator.

Administrator Response: Specify all the required parameters for initializing the server for SSL.

GLPJPB008I Traversing the tree on both the servers...

Explanation: No additional information is available for this message.

GLPJPB009I Successfully finished traversing the tree on both the servers.

Explanation: No additional information is available for this message.

GLPJPB010I Either normal or operational attributes or both differ for this entry.

Explanation: No additional information is available for this message.

GLPJPB011E Tool is unable to start.

Explanation: The error might have occurred for one of the following reasons:

- The base DN of the consumer server might be null.
- The base DN of the supplier server might be null.
- The encryption settings of the consumer and the supplier do not match.

Operator response: Verify that the base DN of the supplier and consumer servers are not null and that the encryption settings for the servers match.

GLPJP012I Reached maximum count for number of entries to process.

Explanation: No additional information is available for this message.

GLPJP013E Exception: *exception text*

Explanation: An exception occurred while performing the requested task. The displayed message gives more information about the exception.

Operator response: View the displayed message for more information about the exception.

GLPJP014I No attributes returned for entry DN entry.

Explanation: No additional information is available for this message.

GLPJP015E Failed to determine the server version for one of the servers.

Explanation: The directory server is not an LDAP server supported by the tool. The IBM Tivoli Directory Server version might be before 5.1.

Operator response: Use the tool with a supported version of IBM Tivoli Directory Server.

GLPJP016W Password policy is not enabled on one of the servers. Password policy attributes on entries will be ignored during comparisons.

Explanation: See message.

Operator response:

**GLPJP017E Cannot open the specified file for LDIF output generation.
LDIF file will not be created.**

Explanation: An error occurred while opening or creating the specified file. The file path might be incorrect or the user might not have enough permissions to access the file.

Operator response: Verify that the file path is correct. If the user does not have enough permissions to access the file, contact the system administrator.

GLPJP018E Exception occurred while closing the LDIF file: *exception details*

Explanation: An exception might have occurred closing the LDIF file for one of the following reasons:

- The file is already closed.
- The file does not exist at the specified location.
- The file reference is not valid.
- The user does not have enough permissions to access the file.

Operator response: Verify that the file exists at the specified location and check the access permissions.

GLPJP019E Missing arguments: Value not specified for argument name.

Explanation: The following arguments are required for the successful completion of the requested operation:

- ldaphost
- bindDn
- password
- keyStore
- keyStorePwd
- keyStoreType
- trustStore
- trustStorePwd

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- trustStoreType
- SASL bind mechanism type
- search base
- LDIF file name
- count for number of entries to process

At least one of the required arguments is either null or not specified.

Operator response: Specify all the required parameters.

GLPJPB020W The supplier and consumer servers have different encryption seed or salt values. The operation will take longer.

Explanation: The operation is faster if the supplier and consumer servers have the same encryption seed and salt values.

Operator response: Allow more time for the ldapdiff operation to complete.

GLPJPB021E Missing required argument; refer to the usage description for valid syntax.

Explanation: The following arguments are required for the successful completion of the requested operation:

- hostnames of the servers
- Administrator DN and password
- Search base

At least one of the required arguments is either null or not specified.

Operator response: Specify all the required parameters.

GLPJPB022E Exception occurred while adding DN to LDIF file: *exception details*

Explanation: An exception occurred while writing the DNs that are to be added to the server to the LDIF file. The user might not have enough permissions to write to the file or the file might not exist.

Operator response: Verify that the user has enough permissions to write to the file.

GLPJPB023E Exception occurred while deleting DN from LDIF file: *exception details*

Explanation: An exception occurred while writing the DNs that are to be deleted from the server to the LDIF file. The user might not have enough permissions to write to the file or the file might not exist.

Operator response: Verify that the user has enough permissions to write to the file.

GLPJPB024E Exception occurred while modifying DN in LDIF file: *exception details*

Explanation: An exception occurred while writing the DNs that are to be modified at the server to the LDIF file. The user might not have enough permissions to write to the file or the file might not exist.

Operator response: Verify that the user has enough permissions to write to the file.

GLPJPB025E Unable to search RootDSE: DirContext is Null.

Explanation: An error might have occurred for one of the following reasons:

- Logged-in user does not have permission to look up LDAP data.
- A problem occurred while modifying the LDAP data.
- The LDAP data being accessed has incorrect data or incorrect naming attributes or entries.
- The specified directory server does not support the requested directory operation.
- Synchronization and serialization issues caused a problem.

Operator response: Contact the directory server administrator.

GLPJPB026E No RootDSE attributes were returned.

Explanation: A root directory server entry (rootDSE) search on the directory server returned no attributes.

Operator response: Contact the directory server administrator.

GLPJPB027E Error occurred during enumeration of attributes from entry name.

Explanation: An error occurred while extracting the root directory server entry (rootDSE) search attributes as an enumeration.

Operator response: Retry the operation again. If the error persists, contact the directory server administrator.

GLPJPB028E Error occurred while reading rootDSE attributes: error details

Explanation: An error occurred reading the root directory server entry (rootDSE) attributes while iterating through the attribute list.

Operator response: Retry the operation again. If the error persists, contact the directory server administrator.

GLPJPB029E No naming contexts were found in the rootDSE for this server.

Explanation: There are no naming contexts defined in the directory server.

Operator response: Define a naming context for the directory server and then retry the operation.

GLPJPB030E No subschemasubentry found in rootDSE.

Explanation: The attribute containing the DN for the schema location is missing from the root directory server entry.

Operator response: Define a subschemasubentry for the directory server and then retry the operation.

GLPJPB031E An exception occurred during search: exception details.

Explanation: An error occurred while performing a search operation on the directory server.

Operator response: The error might have occurred for one of the following reasons:

- The directory server is not running or unreachable.
- The logged-in user does not have authorization to access the search query results.
- The specified entries are incorrect or have incorrect syntax.
- There is another error performing a search operation.

Contact the directory server administrator.

GLPJPB032E Error occurred while processing search results for server: error details.

Explanation: An error occurred while iterating through the search results on the given server.

Operator response: Retry the operation. If the error persists, contact the directory server administrator.

GLPJPB033E Error occurred while setting environment variables: error details.

Explanation: An error occurred while initializing the environment for a connection with the directory server. The user might not have enough permissions to set the environment settings or the system property settings.

Operator response: Verify that the user has enough permissions for setting the properties.

GLPJPB034E Unable to continue. IBM Tivoli Directory Server version 5.1 or higher is required.

Explanation: The IBM Tivoli Directory Server version is less than 5.1. The tool cannot be used with a version of IBM Tivoli Directory Server that is before version 5.1.

Operator response: Use the tool with IBM Tivoli Directory Server version 5.1 or higher.

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GLPJB035I Version of both specified servers is *version*.

Explanation: No additional information is available for this message.

GLPJB036I Version of server *supplier hostname* is *version* and of server *consumer hostname* is *version*.

Explanation: No additional information is available for this message.

GLPJB037I Specified base DN not found on consumer server.

Explanation: No additional information is available for this message.

GLPJB038I Specified base DN not found on supplier server.

Explanation: No additional information is available for this message.

GLPJB039W The supplier and consumer servers have different encryption settings. The operation may take longer.

Explanation: The operation is faster if the supplier and consumer servers have the same encryption settings.

Operator response: Allow more time for the ldapdiff operation.

GLPJB040E Error while retrieving attributes of base DN.

Explanation: An error occurred while retrieving the attributes of the base DN.

Operator response: Retry the operation. If the error persists, contact the directory server administrator.

GLPJB041E Exception occurred while processing DN.

Explanation: Error in parsing the string DN.

Operator response: Check to be sure that the DN is correct or contact the directory administrator.

GLPJB042E Exception occurred while fetching attributes from server.

Explanation: An error occurred while fetching the attributes from the server.

Operator response: Retry the operation again. If the error persists, contact the directory server administrator.

GLPJB043E Exception occurred.

Explanation: An error might have occurred for one of the following reasons:

- There is a problem performing a search operation on the directory server. Verify that the search request controls are valid.
- There is a problem traversing the search results entries of the directory server.
- There is a problem writing to an LDIF file. The user does not have enough permissions to modify the file.
- There is another error traversing the directory server entries.

Operator response: Contact the directory server administrator.

GLPJB044E Exception occurred while writing binary data to LDIF file.

Explanation: An error occurred while writing the binary data to the LDIF file. The user might not have enough permissions to modify the file or there might be no space left on the disk.

Operator response: Verify that the user has enough permissions to modify the file; otherwise, contact the directory server administrator.

GLPJB045E Invalid entry format for: *count or port.*

Explanation: The specified number of entries to process or the directory server port number is either less than zero or not in a proper numeric format.

Operator response: Specify a valid number greater than zero.

GLPJB046E Missing JSSE package for SSL connection.

Explanation: Either the Java secure socket extension (JSSE) package is not present in the installed version of Java, or the JSSE settings are not correct.

Operator response: Check the installed Java for the JSSE jar file.

GLPJB047E Specified SASL mechanism is not available for server *server name.*

Explanation: An exception occurred because the directory server does not support the SASL authentication mechanism.

Operator response: Contact the directory server administrator.

GLPJB048E Unable to fix entry

Explanation: An error might have occurred while fixing an entry for one of the following reasons:

- The user does not have permissions to modify the entry.
- The user does not have enough permissions to create a new entry on the directory server.
- The user does not have enough permissions to create a new environment property.

Operator response: Contact the directory server administrator.

GLPJB049E Error occurred while retrieving filter ACL support of the server.

Explanation: An error occurred while retrieving root directory server entry (rootDSE) attributes from the directory server.

Operator response: Contact the directory server administrator.

GLPJB050E Error occurred while quiescing the server.

Explanation: The cascading control replication extended operation to quiesce the specified subtree DN failed.

Operator response: The error might have occurred for one of the following reasons:

- The subtree is already in quiesced state.
 - The user does not have permission to quiesce the subtree.
 - There is another error running the cascading control replication extended operation on the server. Contact the directory administrator.
-

GLPJB051E Error occurred while unquiescing the server.

Explanation: The cascading control replication extended operation to unquiesce the specified subtree DN failed.

Operator response: The error might have occurred for one of the following reasons:

- The subtree is already in unquiesced state.
 - The user does not have permission to unquiesce the subtree.
 - There is another error running the cascading control replication extended operation on the server. Contact the directory administrator.
-

GLPJPB052E Error occurred while retrieving type of the server.

Explanation: An error occurred while retrieving the server type information, which indicates whether the server is a master, from the directory server.

Operator response: Contact the directory server administrator.

GLPJPB053I Finished comparing *number of entries* entries...

Explanation: No additional information is available for this message.

GLPJPB054E Error occurred while setting the replication controls.

Explanation: An error occurred while setting the replication request controls. Either the request controls contain incorrect values or the directory server does not support the control.

Operator response: Contact the directory server administrator.

GLPJPB055E Supplier and consumer servers cannot be the same.

Explanation: The tool requires that the two servers be different. The tool will exit.

Operator response: Specify two different servers as supplier and consumer.

GLPJPB056E Internal error occurred.

Explanation: An error occurred while removing controls from the previous request.

Operator response: Contact the directory server administrator.

GLPKEY001I Command to regenerate a directory key stash file for a directory server instance.

Usage: *program name* [-s salt [-e encrypt_seed] -l location

[-d debug_level] [-b output_file] [-q] [-n] | -v | -?

where:

- b output_file** 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 debug_level** Sets the debug level. Use in conjunction with the ldtrc command.
- e encrypt_seed** The seed used to create the directory key stash file.
- l location** The location in which to create the directory key stash file.
- n** Run in no-prompt mode. All output is generated except for messages requiring user interaction.
- q** Run in quiet mode. All output is suppressed except for errors.

	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 for this command.
-?	Displays the usage.

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 contain only 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 encryption seed that is not valid was specified.

Operator response: Specify an encryption seed value that complies with the supported format.

GLPKEY008E The encryption salt must contain only 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 encryption salt value that is not valid was specified.

Operator response: Specify an encryption salt value that complies with the supported format.

GLPKEY009I • GLPL2D001I

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 has the appropriate write permissions.

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 create directory 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 Software 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: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPKEY015W 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: Review the earlier error messages for information about 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 input_file -I instance_name [-f config_file]

[-d debug_level] [-r yes | no] [-g] [-W] | -?

where:

-d debug_level Sets the debug level.

Use in conjunction with the `ldtrc` command.

-f config_file 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 remove the trailing spaces on

attribute values.

- I instance_name** Specifies the name of the directory server instance to use.
- i input_file** 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 that entries are stored in such a way that they are replicated when the server restarts.
- W output_file** Specifies the full path of a file in which to redirect output.
- ?** Displays the usage.

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 valid 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 **ldif2db cannot connect to the directory database at this time.**

Explanation: The ldif2db utility cannot be run when other applications are attached to the directory instance database.

Operator response: Make sure that IBM Tivoli Directory Server is not running for this directory instance and that there are no other applications attached to the directory database. Stop the IBM Tivoli Directory Server for this instance and disconnect any other applications from the directory database and restart ldif2db.

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 to which entries can be imported. *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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. The specified DN is not in a name space to which entries can be imported. *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: The *-i* option must be specified when using the *ldif2db* command. The *-i* option specifies the input file.

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: An incorrect parameter was specified for 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: The *-W* option was specified 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 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 IBM support.

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 incorrect data at line *line number*.

Explanation: The LDIF file has an entry that contains an incorrect line.

Operator response: Verify the name and format of the specified LDIF file and try the request again.

GLPLMT001I Archived file *file1* to *file2*

Explanation: No additional information is available for this message.

GLPLMT002E Could not archive file *file1* to *file2* : file permissions.

Explanation: Archiving failed because the instance owner does not have proper permissions to either the file to be archived or the archive location.

Operator response: Set the proper permissions and restart the log management tool.

GLPLMT003E Could not archive file *file1* to *file2* : not enough space.

Explanation: Archiving failed because of insufficient disk space.

Operator response: Free some disk space and restart the log management tool.

GLPLMT004I Deleting archive file *file*

Explanation: No additional information is available for this message.

GLPLMT005E Value of *attribute* is invalid

Explanation: Value of the specified configuration attribute is not in the proper format.

Operator response: Correct the format.

GLPLMT006I Value of *attribute* has changed from *value1* to *value2*

Explanation: No additional information is available for this message.

GLPLMT007E *file* will not be archived. *attribute* is not set

Explanation: The file will not be archived because value of the specified attribute is not set.

Operator response: Specify the value of the attribute.

GLPLMT008I File *file* size *size* has exceeded the threshold *threshold*

Explanation: No additional information is available for this message.

GLPLMT009I • GLPLMT020E

GLPLMT009I File *file* size *size* has not exceeded the threshold *threshold*

Explanation: No additional information is available for this message.

GLPLMT010I Checking for log management setting updates in file *file*

Explanation: No additional information is available for this message.

GLPLMT011I Checking for log management setting updates for environment variable *envvar*

Explanation: No additional information is available for this message.

GLPLMT012I *attribute* is set to *value*

Explanation: No additional information is available for this message.

GLPLMT013E Cannot contact CARS server *hostname* at *port*

Explanation: The CARS server running at specified hostname and the port cannot be contacted.

Operator response: Check the status of the CARS server.

GLPLMT014E Error sending data to CARS server *hostname* at *port*

Explanation: There is a problem in sending the data to the CARS server running at specified hostname and the port.

Operator response: Check the status of the CARS server.

GLPLMT015I Cannot archive log file *file* at this time due to pending CARS data transfer to server *hostname* at *port*

Explanation: No additional information is available for this message.

GLPLMT016E Invalid command line options. The -I option cannot be specified with -t -a and -p.

Explanation: No additional information is available for this message.

GLPLMT017E The instance *instancename* specified does not exist.

Explanation: No additional information is available for this message.

GLPLMT018E The instance *instancename* specified does not match with the OS user running the Log Management tool.

Explanation: The OS user who is starting the log management tool should match with the TDS instance name for which the log management is being started.

Operator response: Log in with the correct credentials and retry the operation.

GLPLMT019E Only root user can perform this operation.

Explanation: A non-root user is attempting to start the log management for admin tool's log (idsadm.log) and log management tool's log (idslogmgmt.log).

Operator response: Log in with the credentials of root user and retry the operation.

GLPLMT020E Invalid command line options. The -k option cannot be specified with -t -a and -p.

Explanation: No additional information is available for this message.

GLPLMT021E Unable to obtain port number for TDI server: Max retries exceeded.

Explanation: The log management tool is not able to generate a port number for the TDI server.

Operator response: Retry running the tool. If the problem persists, contact IBM support.

GLPLMT022E Log Management capability for this server instance is already enabled.

Explanation: No additional information is available for this message.

GLPLMT023E Log Management capability for this server instance is already disabled.

Explanation: No additional information is available for this message.

GLPLMT024E Unable to get TDI server's port number.

Explanation: No additional information is available for this message.

GLPLMT025E File *file* does not exist. Unable to get TDI server's port number.

Explanation: No additional information is available for this message.

GLPLMT026I

Command to start log management facility for Tivoli Directory Server log files.

Usage: *program name* [-?] [-I instance_name [-k]] [-t threshold_size -a max_archives -p archive_path] where:

- I instance_name** Specifies the name of the directory server instance for which the Log Management feature is to be started.
- k** Stops the Log Management feature for the specified server instance. Used in conjunction with -I option.
- t threshold_size** Specifies the size threshold of the admin tool's log file (idsadm.log) that will trigger archiving.
- a max_archives** Specifies the maximum number of admin tool's archived log files after which the oldest archive will be deleted.
- p archive_path** Specifies the path where the archived admin tool's log files will be placed.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPLMT027E Invalid command line options. The -k option can be used only in conjunction with -I.

Explanation: No additional information is available for this message.

GLPMIG001I

Command to migrate a directory server instance.

Usage: *program name* [-I instance_name [-u backup_dir] [-e encrypt_seed] [-g encrypt_salt] [-p port]

[-s secure_port] [-a adm_port] [-c adm_secureport] [-t db_instance]

[-i ipaddress] [-l inst_location] [-r description]

[-d debug_level] [-b output_file] [-q [-n]] | -v | -?

where:

- a adm_port Specifies the port the directory administration server will listen on.
- b output_file 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 adm_secureport Specifies the secure port the directory administration server will listen on.
- d debug_level Sets the debug level. Use in conjunction with the ldtrc command.
- e encrypt_seed The encryption seed to be used to create the key stash files for the directory server instance.
- g encrypt_salt The encryption salt 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 instance_name Specifies the name of the directory server instance to create or migrate. The instance name must be an existing user ID on the computer and must be no greater than 8 characters in length.

- l inst_location** The location to store the directory server instance's configuration files and logs. On Windows systems, 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 is suppressed except for errors. If the **-d** option is also specified, trace output is not suppressed.
- r description** A description of the directory server instance.
- s secure_port** The secure port of the directory server instance.
- t db_instance** 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 backup_dir** The directory where the schema and configuration files to be migrated have been saved.
- v** Prints the version information for this command.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPMIG003E Specified a backup directory, '*directory*', that does not exist or is not accessible.

Explanation: A backup directory that is not valid was specified for migrating an older directory server instance.

Operator response: Specify a directory that 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 because the migration utility will copy the file from that location.

GLPMIG005E • GLPMIG014E

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 the source file exists and is accessible. Ensure that the target directory exists and is accessible.

GLPMIG007E Unable to create file, *'filename'*.

Explanation: File cannot be created.

Operator response: Ensure that the 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.

Operator response: Ensure that the target file exists and is readable.

GLPMIG010E Unable to copy file *'filename1'* to *'filename2'* file.

Explanation: File cannot be copied.

Operator response: Ensure that the source file exists and is accessible. Ensure that the target directory exists and is accessible.

GLPMIG011E Unable to read file, *'filename'*.

Explanation: File cannot be read.

Operator response: Ensure that the target file exists and is readable.

GLPMIG012E Unable to delete file, *'filename'*.

Explanation: File cannot be deleted.

Operator response: Manual removal of the file might be necessary.

GLPMIG013E Unable to write file, *'filename'*, to directory, *'directory'*.

Explanation: File cannot be written.

Operator response: Ensure that the target directory exists and is accessible.

GLPMIG014E Unable to read schema files from directory, *'directory'*.

Explanation: Cannot read necessary schema files from the specified directory. Migration cannot continue.

Operator response: Ensure that the schema files are in the specified directory.

GLPMIG015E Unable to write schema files to directory, '*directory*'.

Explanation: Schema files cannot be written to the specified directory. Migration cannot continue.

Operator response: Ensure that the 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 specified.

Operator response: Ensure that the correct version of the files are in the specified backup 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 that all files are backed up and try migration again. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for information about the files needed for migration.

GLPMIG021I Successfully verified that 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 errors 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 before starting the server. '*schema definition conflicts*'

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 startup. 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 Tivoli Directory Server configuration. Verify that the current IBM Tivoli 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 a required configuration file. Migration cannot continue.

Operator response: Ensure that 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 exist between version 3.2.2 databases 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....

- (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 changelog 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 changelog 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 must be specified for 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: Because multiple directory server instances are 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 changelog 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. The user cannot be prompted because the 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. The user could not be prompted because the 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 changelog database name listed in the backed up configuration file cannot be found on the system.

Explanation: A changelog database name is listed in the backed up configuration file, but cannot be found on the system. The user cannot be prompted because the 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 before starting the server.

Explanation: 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 to ensure that they can be found. The server will not start successfully if all the files specified cannot be found on the system.

Operator response: Verify that the paths and names for the included schema files are correct in the configuration file and that 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 must 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, 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. 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 for manual schema file migration.

GLPMIG049E The backup directory must not be specified for this migration scenario.

Explanation: A backup directory must not be specified while migrating from TDS 6.0 to TDS 6.1 for an existing TDS 6.0 instance. The schema and backup files will be taken from the standard instance location.

Operator response: Correct and rerun the command.

GLPMIG050I The schema and configuration files will be automatically backed up to the location *'backup_location'*.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. The tool will automatically back up the schema and configuration files for the instance being migrated to the specified location.

GLPMIG051E Encryption key or encryption salt value must not be specified for this migration scenario.

Explanation: An encryption key or encryption salt value must not be specified while migrating from TDS 6.0 to TDS 6.1 for an existing TDS 6.0 instance. The existing keystore files will be taken from the standard instance location.

Operator response: Correct and rerun the command.

GLPMIG052I The key stash files were not found in the backup directory. You must continue migration only if you are migrating from a version of IBM Tivoli Directory Server that is before 6.0.
Do you want to....

- (1) - Continue with migration , or
- (2) - Exit this task without changes:

Explanation: No additional information is available for this message.

GLPMIG053E DB2 version specified in the file *'prop_file_name'* is not valid.

Explanation: An Invalid or NULL string was specified for the DB2 version in the ldapdb.properties file. A valid DB2 version string is of the form n1.n2.n3 where n1, n2 and n3 are natural numbers.

Operator response: Correct the DB2 version string and rerun the command.

GLPPFT001E Error while extracting information from the server configuration file *fileName*.

Explanation: A problem occurred in reading the server configuration file for the specified instance.

Operator response: If a path to the server configuration file was specified, verify that the correct path to a valid configuration file was given. If no path was specified, verify that the indicated directory instance has a valid configuration file.

GLPPFT002E Unable to find input configuration file *fileName*.

Explanation: The specified input property file was not found.

Operator response: Provide the correct path and name of the tuning input property file.

GLPPFT003I • GLPPFT015I

GLPPFT003I Parsing the input configuration file *fileName*.

Explanation: No additional information is available for this message.

GLPPFT004E Unable to find the status file *fileName*.

Operator response: The perftune_stat.log file must be available in the instance specific logs directory to run the performance tool.

GLPPFT005I Successfully backed up the ibmslapd.conf file to *fileName*.

Explanation: No additional information is available for this message.

GLPPFT006E Incorrect combination of command line options. Monitor switches can either be enabled or disabled.

Operator response: Rerun the command specifying only one of the options: -m to turn on the monitor switches or -o to turn off the monitor switches.

GLPPFT007I Turning on DB2 monitor switches, BUFFERPOOL and SORT.

Explanation: No additional information is available for this message.

GLPPFT008I Turning off DB2 monitor switches, BUFFERPOOL and SORT.

Explanation: No additional information is available for this message.

GLPPFT009I Fetching the total number of entries and the average size of an entry in the directory.

Explanation: No additional information is available for this message.

GLPPFT010I Performing basic tuning operation.

Explanation: No additional information is available for this message.

GLPPFT011I Performing advanced tuning operation.

Explanation: No additional information is available for this message.

GLPPFT012I DB2 health check operation will be performed after a time interval of 300 seconds.
Please wait.

Explanation: The tool is collecting data required to perform advanced tuning operations. The information collected is relative to the type of operation performed within a time interval of 300 seconds.

GLPPFT013I Performing DB2 health check operation.

Explanation: No additional information is available for this message.

GLPPFT014I Updated directory cache and DB2 BUFFERPOOL.

Explanation: No additional information is available for this message.

GLPPFT015I Updated DB2 parameters with the values specified in the input configuration file.

Explanation: No additional information is available for this message.

GLPPFT016I Successfully backed up DB2 parameter values in the `perftune_stat.log` file.

Explanation: No additional information is available for this message.

GLPPFT017I Updated the status file *pfile*.

Explanation: No additional information is available for this message.

GLPPFT018E The database instance name was not found in the server configuration file.

Explanation: The database instance name (`ibm-slapdDbInstance`) was not found in the server configuration file.

Operator response: A database must be configured for the directory instance prior to running the `idsperftune` utility. Verify that a database instance is specified in the server configuration file and retry the command.

GLPPFT019E An error result was returned from DB2.

Reason: *error details*

Operator response: Correct the error condition specified as the reason in the error message.

GLPPFT020E Syntax error found in the property file *pfile* line number: *lineno*

Operator response: Correct the error in the property file specified in the error message.

GLPPFT021E Unable to bind to server.

Operator response: Provide the correct hostname and port number of the server.

GLPPFT022E Incorrect command line option specified.

Operator response: Refer to the command usage to get more information.

GLPPFT023E Incorrect filtercache size specified.

Operator response: Enter a positive integer value for the filter cache and then retry the operation.

GLPPFT024I Updated the configuration file *pfile*.

Explanation: No additional information is available for this message.

GLPPFT025E Out of memory.

Operator response: Verify that the system has sufficient memory.

GLPPFT026E An internal error occurred while running the `idsperftune` command.

Operator response: Retry the operation. If the problem persists, contact IBM Software Support.

GLPPFT027E Value specified for DB2 parameter *dbparam 'dbval'* should be less than *dbval* .

GLPPFT028I Command to tune directory server performance.

Usage: *program_name* **-I** instance_name **-B** | **-A** | **[-u -B -p** port **-h** hostname]

[-u **[-i** property_file] **[-s**] **[-m**]

[-o] **[-b** output_file] **[-f** config_file]

[-E entry_cache_pct] **[-F** filter_cache_size] **[-d** debug_level] **[-v** | **-?**]

where:

- A Advanced tuning of DB2 configuration.
- B Basic tuning of directory server cache and db2 buffer pools.
- b output_file 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.
- d debug_level Sets the debug level.
- E entry_cache_pct Sets the target percentage of entries to be cached.
- F filter_cache_size Sets the size of filter cache.
- f config_file Specifies the full path of the server configuration file.
- h hostname Directory server host name.
- I instance_name Specifies the name of the directory server instance.
- i property_file Specifies the property file containing input tuning parameters.
- m Turn on monitor switches for BUFFERPOOL and SORT. If used in conjunction
 with -A, database snapshot will be captured after a time interval of
 5 minutes.
- o Turn off monitor switches for BUFFERPOOL and SORT
- p port Directory server port number.
- s Sets the default value of the total number of entries and average entry
 size in the input file based on directory content.
- u Perform update of DB2 and directory server cache configuration
 settings.
- v Print the version information for this command.
- ? Display the usage.

GLPPFT029W Not enough data available to perform the advanced tuning operation.

Explanation: Advanced tuning is effective only after the directory has been used for some minimal period of time.

Operator response: Retry the command without the advanced tuning option or run the command with the advanced tuning option after the directory has been used for a longer period of time.

GLPPFT030I The command completed successfully.

GLPPRT001I Command to set the ports that a directory server instance binds to.

Usage: *program name* [-I instance_name

[-p port] [-s secure_port] [-a adm_port] [-c adm_secureport]

[-d debug_level] [-b output_file] [-q] [-n]] | -v | -?

where:

- a adm_port Specifies the port the IBM the directory
instance's administration server will listen on.
- b output_file 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 adm_secureport Specifies the secure port the directory
instance's administration server will listen on.
- d debug_level Sets the debug level.
Use in conjunction with the ldtrc command.
- I instance_name 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 is suppressed except for errors.
If the -d option is also specified, trace output
is not suppressed.
- s secure_port Specifies the secure port on which the directory
server instance will listen.
- v Prints the version information for this command.
- ? Displays the usage.

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: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPPRT003W 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.

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 Software 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 Software 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 Software 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 Software 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**, and **-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 port numbers.

GLPPRT025E Port '*port number*' is already being used by another directory server instance.

Explanation: Specified a port that is being used by another directory server instance.

Operator response: Specify a port that is not being used by 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, the admin daemon 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, the admin daemon 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 back-end server *host name* on port *port number*. Verify that the back-end server is started.

Explanation: The proxy server was unable to connect to the specified back-end server for proxying data. The program continues. Proxying to the specified server cannot continue.

Operator response: Verify that the back-end server is started, or contact the operator to start the back-end server. Verify that the back-end server information is correct.

GLPPXY002E The URL *ldap:// qualified URL* is invalid.

Explanation: The proxy server was unable to parse the URL in the configuration file.

Operator response: Verify that the URL is typed correctly. Fix any errors.

GLPPXY003I Successfully established communication with back-end server *host name* on port *port number*.

Explanation: This message is printed for every connection opened to the back-end server.

GLPPXY004E Connection to back-end server *host name:port number* is down.

Explanation: The LDAP Proxy Server's connection with the associated back-end server has been disconnected. This message is printed for every connection opened to the back-end server.

Operator response: Verify that the network between the proxy server and back-end server is up. Verify that the back-end server is running, and also verify that an administrator can bind to the back-end 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* cannot be contacted after *attempts* attempts. Server will be unavailable.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. The specified back-end 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.

GLPPXY008E The server *host name:port* does not support the required control *OID*.

Explanation: The specified back-end server does not support the control shown. This occurs if the server is not at a late enough level.

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 back-end server does not support the capability shown. This occurs if the server is not at a late enough level.

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 back-end 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 cannot be used.

Operator response: Define your distributed topology correctly in the configuration file so that the proxy server can function properly. See the IBM Tivoli Directory Server Administration Guide 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 back-end server are not valid.

Operator response: Verify that the credentials supplied for the back-end server are valid, and that the credentials specify either the primary administrator, local administrative group member, or global administrator.

GLPPXY012E The credentials *bind DN* used supplied for host *host name* are not administrative.

Explanation: The credentials supplied for binding to the back-end server are not a local administrative group member, a global administrator, or the primary administrator.

Operator response: Verify that the credentials supplied for the back-end server are valid, and that the credentials specify the primary administrator, a local administrative group member, or a global administrator.

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 server cannot route any requests.

Operator response: Add data partitions that are valid. Refer to the IBM Tivoli Directory Server Administration Guide for more information about 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. The topology is probably defined improperly in the configuration file.

Operator response: Verify that the configuration file contains a complete distributed topology, and that it matches the expected deployment. See the IBM Tivoli Directory Server Administration Guide 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 IBM Tivoli Directory Server Administration Guide for information about setting up a distributed directory.

GLPPXY016E The back-end server *server ID* is down.

Explanation: The specified back-end server is currently down, and is unable to be reached via the network. Until the server is brought back online, no requests can be routed to that host.

Operator response: Verify that the back-end server is running and is reachable from the proxy server's network.

GLPPXY017E Error *error string* occurred for back-end 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 back-end server, but failed.

Operator response: Verify that the proxy server is correctly configured to accept Kerberos connections. Also verify that the proxy server's principal name is in the global administration group.

GLPPXY018E The DN *original entry DN* cannot be modified to *new object DN*.

Explanation: The DN specified cannot be changed to the new DN because a move across back-end servers would be required.

Operator response: Consider a different `modrdn` 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 server that is down. Verify that connectivity has been established. If auto failback is disabled, perform the resume role extended operation to restore the server.

GLPPXY026E The value of `ibm-slapdProxyNumPartitions` in entry config file entry DN must be greater than zero.

Explanation: You 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 not valid.

Explanation: You attempted to place a DN that is not valid 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 back-end Server config entry DN is not located anywhere in the configuration file.

Explanation: You attempted to place a DN that is not valid in the configuration file for referencing a back-end 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: You 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 back-end server does not support the extended operation shown. This occurs if the server is running an older release of IBM Tivoli Directory Server that does not support this extended operation.

Operator response: Verify that the configuration file points to a running version of IBM Tivoli Directory Server that supports this extension.

GLPPXY031E All back-end servers in server group *DN* are down.

Explanation: All back-end 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, no requests can be routed to this partition of the DIT.

Operator response: Verify that the back-end 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 back-end servers in the specified group are online. Proxy processing can continue.

Operator response: None.

GLPPXY033E Internal transaction *Tran Id* against back-end server *ldap url* was stopped.

Explanation: The specified transaction against the given back-end server was stopped. This is caused by an error either in the transaction or on the back-end server. Note that the transaction ID printed out is not the same as viewed by the client.

Operator response: View the corresponding back-end server's logs.

GLPPXY034I The back-end server *Server* does not support the prepare transaction extended operation. The proxy server will now disable this extended operation.

Explanation: The proxy server found a server that does not support the prepare transaction extended operation. The proxy will not accept any prepare transaction requests unless all servers it contacts support the operation. The proxy server will support the start and stop transaction requests.

Operator response: None.

GLPPXY035I The server *host name:port* does not support the extension *OID*.

Explanation: The specified back-end server does not support the extended operation mentioned. This occurs if the server is not at a late enough level.

Operator response: Verify that the configuration file points to a valid, running IBM Tivoli Directory Server that supports this extension.

GLPPXY036E All writable back-end servers within the *partition name* partition are unavailable. All write operations will fail until a writable back-end server is back online.

Explanation: All back-end servers that can accept updates are unavailable. The proxy is unable to process update requests for the partition.

Operator response: Ensure that all back-end servers are available. After back-end servers are available, request a resume role extended operation, if auto failback is disabled.

GLPPXY037E The primary write server *host name:port* for the *partition name* partition is down. Failing over to server: *host name:port*.

Explanation: The primary write server is unavailable.

Operator response: Ensure that all back-end servers are available. After back-end servers are available, request a resume role extended operation, if auto failback is disabled.

GLPPXY038E All back-end servers within the *partition name* partition are unavailable.

Explanation: All back-end servers are unavailable. The proxy server is unable to process any requests.

Operator response: Ensure that all back-end servers are available. After back-end servers are available, request a resume role extended operation, if auto failback is disabled.

GLPPXY039E An partition number *number* that is not valid is returned by the DN partitioning plugin for *DN*.

Explanation: An DN partition number that is not valid is returned by the DN partition plugin.

Operator response: Ensure that the DN partition function returns a partition number that is greater than 0 but not greater than the number of partitions passed to the DN partition plugin.

GLPPXY040I The requested resume role extended operation restored server: *server URL* on port *Port Number* as the primary write server for partition: *Partition Name*.

Explanation: The primary write server has been restored and will receive all write operations for the partition.

Operator response: None.

GLPPXY041I The requested resume role extended operation restored server: *server name* on port *Port Number* as a write server for partition: *Partition Name*.

Explanation: The write server has been restored.

Operator response: None.

GLPPXY042I The requested resume role extended operation restored server: *server URL* on port *Port Number* as a read server for partition: *Partition Name*.

Explanation: The read only server has been restored.

Operator response: None.

GLPPXY043I The requested resume role extended operation restored *number* servers.

Explanation: The resume role extended operation completed and restored the specified number of servers.

Operator response: None.

GLPPXY044E The back-end server *server ID* is unresponsive.

Explanation: The specified back-end server did not respond to the health check within the configured time limit. Until the server is responsive and restored to its configured role, no requests can be routed to that host.

Operator response: Verify that the back-end server is running and responding. If this message is printed and the back-end server is still performing at an acceptable level, consider changing the health check configuration. See the IBM Tivoli Directory Server Administration Guide for more information.

GLPPXY045I The back-end server *server ID* is active.

Explanation: The specified back-end server responded to the health check within the configured time limit.

Operator response: If auto failback is disabled, issue a resume role extended operation to restore the back-end server.

GLPPXY046E The back-end server *server ID* is started in configuration only mode.

Explanation: The specified back-end server is currently running in configuration only mode. If the -n option was not specified and server groups are not defined, the proxy server will be started in configuration only mode. If the specified back-end server is a member of a server group and another server in the group is up, the proxy server will start normally. However if the specified back-end server is restarted, the proxy server will treat that server as a read only server. This message is printed at start up.

GLPPXY047E • GLPPXY054I

Operator response: Verify that the back-end server is running correctly.

GLPPXY047E Unable to retrieve the server ID for the back-end server *server ID*.

Explanation: Unable to retrieve the server ID for the specified back-end server. If the -n option was not specified, the proxy server will be started in configuration only mode.

Operator response: Verify that the back-end server is running correctly.

GLPPXY048E The back-end server *server ID* is currently running in configuration only mode.

Explanation: The specified back-end server is currently running in configuration only mode. As long as it is running in configuration only mode, no requests can be routed to that host. This message is printed when health check detects that a back-end server is running in configuration only mode.

Operator response: Restart the back-end server in full mode. If auto failback is disabled, issue a resume role request to restore the back-end server.

GLPPXY049E There was an error while parsing required information for the back-end server *server ID*.

Explanation: Unable to retrieve required information from the specified back-end server. If the -n option was not specified, the proxy server will be started in configuration only mode.

Operator response: Verify that the back-end server is running correctly.

GLPPXY050E Transaction request to back-end server *server host name and port* failed because too many connections are currently in use by transactions.

Explanation: Unable to send the transaction request to the back-end server because too many connections are currently in use by transactions. The proxy server will always reserve one back-end connection for non-transactional operations.

Operator response: Increase the number of connections to the back-end server and restart the proxy server.

GLPPXY051E Request to back-end server *server host name and port* failed because all the connections are currently in use by transactions.

Explanation: Unable to send the request to the back-end server because all the connections are currently in use by transactions.

Operator response: Decrease the number of allowed concurrent transactions, or increase the number of connections to the back-end server and restart the proxy server.

GLPPXY052W More than one attribute: *attribute type* defined in the entry: *entry DN*. Only the first attribute value *attribute value* will be used.

Explanation: The configuration file contains more than one attribute value for the attribute. The proxy server will only honor the first attribute value.

Operator response: Remove the additional attribute values and verify the configuration.

GLPPXY053E Failed to add back-end server stored in entry: *entry DN*.

Explanation: While processing the configuration file, there was an error with the entry specified in the message. The back-end server defined in that entry cannot be used until the error is corrected.

Operator response: Check the entry in the configuration file and correct any errors.

GLPPXY054I Distributed group processing enabled.

Explanation: The proxy server will process all operations assuming distributed groups are defined on the back-end servers.

Operator response: Distributed group processing should be enabled only when groups are defined in the data and

there is a possibility that groups and members might reside in different data partitions. Disabling distributed groups will improve performance.

GLPPXY055I Distributed group processing disabled.

Explanation: The proxy server will not perform additional processing for distributed groups.

Operator response: Distributed group processing should be enabled if groups are defined in the data and there is a possibility that groups and members might reside in different data partitions. If distributed group processing is disabled and groups are defined in different partitions from members, there might be errors related to group membership evaluations and subsequently ACL evaluation.

GLPPXY056I Distributed dynamic group processing is enabled.

Explanation: The proxy server will perform operations under the assumption that distributed dynamic groups are defined on the back-end servers.

Operator response: Distributed dynamic group processing should be enabled only when dynamic groups are defined in the data and there is a possibility that dynamic groups and members might reside in different data partitions. Disabling distributed dynamic groups will improve performance. Distributed groups must be enabled for this setting to take effect.

GLPPXY057I Distributed dynamic group processing is disabled.

Explanation: The proxy server will not perform additional processing for distributed dynamic groups.

Operator response: None.

GLPPXY058I Transactions are disabled on the back-end server *Server*. The proxy server will now disable transaction support.

Explanation: The proxy server will not allow transaction operations.

Operator response: Distributed dynamic group processing should be enabled if dynamic groups are defined in the data and there is a possibility that dynamic groups and members might reside in different data partitions. If distributed dynamic group processing is disabled and dynamic groups are defined in different partitions from members, there might be errors related to group membership evaluations and subsequently ACL evaluation.

GLPPXY059I Distributed password policy processing is disabled.

Explanation: The proxy server will not perform the necessary operations to support distributed password policy.

Operator response: If the proxy server should support password policy, ensure that password policy is enabled on at least one back-end server that is available at server startup.

GLPPXY060I Distributed password policy processing is enabled.

Explanation: The proxy server will perform the necessary operations to support distributed password policy.

Operator response: None.

GLPPXY061I Automatically restored server *server name* on port *Port Number* as the primary write server for partition: *Partition Name*.

Explanation: Auto failback has detected that the specified back-end server is available. All write requests for the partition will be routed to the back-end server.

Operator response: None.

GLPPXY062I Automatically restored server *server name* on port *Port Number* as a write server for partition: *Partition Name*.

Explanation: Auto failback has detected that the specified back-end server is available. The back-end server is a write server.

Operator response: None.

GLPPXY063I Automatically restored server *server* on port *Port Number* as a read server for partition: *Partition Name*.

Explanation: Auto failback has detected that the specified back-end server is available. The back-end server is a read only server.

Operator response: None.

GLPPXY064W All writable back-end servers within tier *previous tier number* of partition *partition name* are unavailable. Failing over to tier *next tier number*.

Explanation: All back-end servers that can accept updates are unavailable in the current tier. The proxy server will failover to the next tier with available write servers.

Operator response: Ensure that all back-end servers are available within the given tier. After back-end servers are available, request a resume role extended operation manually if auto failback is disabled. Otherwise, the proxy server will do an auto failback.

GLPPXY065I Setting the current tier to *current tier number* in partition *partition name*.

Explanation: Changing the current tier to the tier number specified.

Operator response: If the tier number has changed to a lower priority tier, ensure that one of the writable servers in a tier with higher priority comes up. When the writable back-end server is available, run the resume role extended operation manually if auto failback is disabled. Otherwise, the proxy will do an auto failback.

GLPPXY066I No more write servers in tier *tier number* to fail over to in partition *partition name*.

Explanation: All back-end servers that can accept updates are unavailable in the current tier. The proxy server will failover to the next tier with available write servers.

Operator response: Ensure that all back-end servers are available within the given tier. After back-end servers are available, request a resume role extended operation manually if auto failback is disabled. Otherwise, the proxy server will do an auto failback.

GLPPXY067E The specified proxy status interval *status interval* in section *config file dn* is invalid.

Explanation: The specified proxy status interval is not valid.

Operator response: Verify that the proxy status interval in the configuration file is not negative.

GLPPXY068I The proxy server is configured with *number of split points* split points: *list of split point DNs*.

Explanation: The proxy server is configured with the specified number of splits with the specified DNs.

Operator response: None.

GLPPXY069I The proxy server split *split point DN* contains *number of partitions* partitions.

Explanation: The specified proxy server split is configured with the specified number of partitions.

Operator response: None.

GLPPXY070I The proxy server partition *partition number of split point DN* contains number of servers **servers**.

Explanation: The specified proxy server partition is configured with the specified number of servers.

Operator response: None.

GLPPXY071I The proxy server partition *partition number of split point DN tier tier number* contains the following server type **servers: list of Server URIs**.

Explanation: The specified proxy server tier is configured with the specified servers.

Operator response: None.

GLPPXY072I The proxy server partition *partition number of split point DN tier tier number* contains no server type **servers**.

Explanation: The specified proxy server tier is configured with no servers.

Operator response: None.

GLPPXY073I The partition base DN *base DN* specified in the entry DN entry is not in the defined namespace.

Explanation: The DN specified as the partition base is outside of the namespaces supported by the proxy server instance.

Operator response: Check the values of the `ibm-slapdSuffix` attribute in the server configuration for the `ibm-slapdProxyBackend` entry that define the namespaces supported by the proxy server for this instance. The partition base DN must be included in one of these namespaces. Supply a different value for the base DN or correct the proxy server's configuration to include a new namespace for the base DN.

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 might be an additional message with information about SQL return codes.

Operator response: See the file named as the attribute value for the `ibm-slapdCLIErrors` attribute in the directory server instance configuration 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 the file named as the attribute value for the `ibm-slapdErrors` attribute in the 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 directory server configuration file is missing the database name.

Operator response: Run one of the configuration utilities to configure the directory server instance and try again.

GLPRDB004E The directory server is unable to connect to the database.

Explanation: The directory server cannot connect to the database used to store the directory data.

Operator response: Make sure the database instance and database named in the directory 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 • GLPRDB012E

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 directory server 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.

GLPRDB0100I *Password policy (DN of entry) has been activated. Attribute ibm-pwdPolicyStartTime has been set to value.*

Explanation: No additional information is available for this message.

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 *Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.*

Explanation: The LDAP server cannot complete the request because the permissions specified for the object are not correct.

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', 'system', 'restricted' 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 the 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 the 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 the idscfgdb or idsxcfg tools 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 the idscfgdb or idsxcfg tools 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. 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 that it contains Enterprise Identity Mapping (EIM) information. When 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 that 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.

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 that 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 IBM Software Support.

GLPRDB025E The server cannot cache the objectclass attribute when the environment variable OC_ALIAS is set to Yes.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

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 or an attribute not supported to be cached, or the attribute 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 so that this attribute is not configured as a 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 might 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 attribute

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 the 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 corrupted.

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, or modrdn a ref attribute, the behavior is undefined.

Administrator Response: Contact IBM Software Support for assistance.

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 cannot 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 cn and objectclass attributes.

Explanation: Specified to make an attribute unique that is not supported as a unique attribute.

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 as a unique attribute.

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 user ID 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 user ID.

Operator response: Run the `idscfgdb` or `idsxcfg` 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 `idsxcfg` 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 the 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 the 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 that 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 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 IBM Software Support.

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 IBM Software Support.

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 might be incomplete.

Operator response: Examine the ACL and group entries for the specified DN and correct any malformed entries.

GLPRDB073E Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

Explanation: The LDAP server cannot complete the request because the access class permissions specified are not correct.

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 server. The entry on this server was older; therefore, the entry was overwritten by the new entry.

Operator response: The contents of the directory were not the same on all servers. 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; therefore, the entry was not overwritten by the new entry.

Operator response: The contents of the directory were not the same on all servers. 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 for the attribute.

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 *attribute name* 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 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 or later 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 is required.

GLPRDB080E To increase the maximum length of attribute *attribute name*, 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

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. 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 the 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; therefore, the server cannot be started.

Operator response: Contact IBM Software 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 server startup.

Operator response: Check the log files for errors, resolve the issues, and restart the server. The 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 the log files for errors, resolve the issues, and restart the server. The 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 the log files for errors, resolve the issues, and restart the server. The 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 the log files for errors, resolve the issues, and restart the server. The 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 directory server is unable to log on as the database administrator.

Explanation: The directory server cannot log on as the database administrator defined in the directory server configuration file.

Operator response: Make sure the database instance in the directory 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

GLPRDB091W Attribute *attribute name* is not indexed but is used in searches *number* times.

Explanation: Attributes used in search filters or search sort keys generally must be indexed to improve performance.

Operator response: Determine whether the attribute is frequently used in searches. If it is, create an index on the attribute.

GLPRDB092E Modifications to object class `ibm-pwdGroupAndIndividualPolicies` or attribute `ibm-pwdGroupAndIndividualEnabled` are allowed only for the global password policy entry.

Explanation: Object class `ibm-pwdGroupAndIndividualPolicies` and attribute `ibm-pwdGroupAndIndividualEnabled` can be modified only for the global password policy entry.

Operator response: Make sure the modification of the objectclass or attribute is for the global password policy entry (`cn=pwdPolicy,cn=IBMpolicies`).

GLPRDB093E The specified *access class* access class permission, *invalid permission*, is not valid. Valid permissions are *valid permissions*.

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.

GLPRDB094I Attribute `ibm-pwdPolicyStartTime` in entry *DN of entry*, which was replicated from a supplier, is greater than the server's current time. Attribute `ibm-pwdPolicyStartTime` was set to *value*.

Explanation: No additional information is available for this message.

GLPRDB095I Attribute `ibm-pwdPolicyStartTime` in entry *DN of entry* was changed by an administrator. Attribute `ibm-pwdPolicyStartTime` was set to *value*.

Explanation: No additional information is available for this message.

GLPRDB096I Starting conversion of encrypted attribute *attribute name*. Conversion can take a long time.

Explanation: The server has started encrypting attribute values for attribute *attribute name* due to a previous modification in the schema of the encryption format of this attribute. This conversion can take a long time.

Operator response: Interrupting the conversion will cause some of the converted data to be rolled back, which will require a conversion the next time the server starts.

GLPRDB097I Data conversion for encrypted attribute *attribute name* completed successfully.

GLPRDB098E Data conversion for encrypted attribute *attribute name* failed.

Explanation: If the attribute specified to be converted does not exist in the schema, is not specified to be encrypted in the schema, or is specified to be encrypted in a format that is not supported, the conversion will fail. The conversion will also fail if an internal error occurred in the server.

Operator response: If the attribute does not exist in the schema, is not specified to be encrypted in the schema, or is specified to be encrypted in a format that is not supported, modify the schema as required to fix the problem and restart the server. Check the log files for any additional errors.

GLPRDB099I Encryption setting for encrypted attribute *attribute name* cannot be changed.

Explanation: If the attribute was previously specified to be encrypted, it cannot be changed to unencrypted unless there is no encrypted data in the directory for this attribute.

Operator response: All data for this attribute must be removed from the directory in order to change the encryption setting. To remove the data, export it to an LDIF file by using `db2ldif` with the new encryption setting if the previous encryption setting was a type that can be decrypted. Then, the data can be deleted from the directory, the schema can be modified, and the data can be added from the LDIF file.

GLPRDB101W Encrypted attribute *attribute_name* cannot be made unique.

Explanation: The unique attribute feature does not support encrypted attributes.

Operator response: Remove this attribute from the list of attributes requiring unique values.

GLPRDB102W Unique attribute *attribute_name* cannot be encrypted.

Explanation: The encrypted attribute feature does not support unique attributes.

Operator response: Remove the attribute from the list of unique attributes or do not define this attribute to be encrypted.

GLPRDB103E The password policy entry *DN of entry* referenced by entry *DN of entry* is not valid.

Explanation: The DN of the password policy entry specified for the user or group entry is not valid.

Operator response: The DN of the password policy entry must be specified in accordance with DN grammar.

GLPRDB104E • GLPRDB145E

GLPRDB104E The DN of the password policy entry *DN of entry* referenced by entry *DN of entry* cannot be found.

Explanation: The DN of the password policy entry specified for the user or group entry does not exist.

Operator response: The password policy entry specified for the user or group entry must be created first.

GLPRDB105E The password policy entry *DN of entry* is in use and cannot be renamed or deleted.

Explanation: The password policy entry is referenced by other entries as either an individual password policy or a group password policy and, therefore, cannot be renamed or deleted.

Operator response: Make sure the password policy entry to be deleted or renamed is not referenced by any other entries.

GLPRDB106W The `ibm-pwdPolicy` attribute in password policy entry *DN of entry* is set to `TRUE`, but the `ibm-pwdPolicy` attribute in the global password policy is set to `FALSE`. No password policy will be evaluated or enforced.

Explanation: The global password policy is not turned on. No effective password policy will be evaluated.

Operator response: Make sure the global password policy as well as the individual or group password policies are set to `TRUE` for correct effective password policy evaluation.

GLPRDB107I The suffix entry *dn of suffix* has been created.

Explanation: No additional information is available for this message.

GLPRDB108E The creation of a suffix entry *DN of suffix* failed.

Explanation: The creation of the suffix entry failed. The server will not try adding it again until another attempt is made to create a child under this entry.

Operator response: The suffix entry must be manually created.

GLPRDB109E The server does not support automatic creation of a suffix entry using this RDN *DN of suffix*. An administrator must create the entry before entries can be added under this suffix.

Explanation: The server does not have a rule to create a suffix entry with the given relative distinguished name. The server does support automatic creation of suffix entries using the following naming attributes: o, ou, c, dc, cn.

Operator response: The suffix entry must be manually created.

GLPRDB110E Attribute `ibm-pwdPolicyStartTime` in entry *DN of entry* cannot be set to a future time. The value of the attribute is *value*.

Explanation: The server does not allow a password policy start time to be set to a future date.

Operator response: Do one of the following:

- Turn on password policy and let the server generate a password policy start time for the password policy.
 - Specify a time value for attribute `ibm-pwdPolicyStartTime` that is earlier than the current time.
-

GLPRDB145E Invalid replication filter attribute value specified in entry '*entry dn*'.

Explanation: The replication filter value specified is not valid.

Operator response: The replication filter value must be specified as per filter grammar.

GLPRDB146E Replication filter value is not specified.

Explanation: The replication filter value is not specified.

Operator response: The replication filter value must be specified as per filter grammar.

GLPRPL001E Unable to connect to replica *host name* on port *port number*. 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 cannot 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: Take 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: Take 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: Take 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 the `ibm-slapdAdminDn` attribute and the value of the `ibm-slapdMasterDn` attribute cannot be the same in the configuration file.

Operator response: Change the value of the `ibm-slapdAdminDn` attribute or the value of the `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 that contains the same consumer URL. To avoid establishing more than one connection to the consumer, the consumer URL specified in a replication agreement entry must be unique for that supplier.

Operator response: Make sure the consumer URL specified in a replication agreement is correct.

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; wait for migration to complete. 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: 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 the `ibm-slapdMigrationInfo` attribute.

Operator response: Specify a valid version number or a valid server type as the value of the `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 IBM Software Support.

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: Tried 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 problem with the database. If the problem persists, contact IBM Software Support.

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 problem with the database. If the problem persists, contact IBM Software Support.

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 IBM Software Support.

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.

GLPRPL027W • GLPRPL035E

Operator response: Check the DB2 error log file and correct any problems. If the problem persists, contact IBM Software Support.

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 IBM Software Support if problem persists.

GLPRPL028I Dropping 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 id*.

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 id*.

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 id*.

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 that an 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 that an 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 synchronized 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 might no longer be synchronized. Other updates may also fail due to this error. Compare the data between the supplier and consumer to ensure that the data is synchronized. Additional actions might 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 that 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 IBM Software Support.

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 might have already had a replication agreement entry that contains the same consumer URL. To avoid establishing more than one connection to the consumer, the consumer URL specified in a replication agreement entry must 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 id*.

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 problem with the database. If the problem persists, contact IBM Software Support.

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 problem with the database. If the problem persists, contact IBM Software Support.

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 IBM Software Support.

GLPRPL057E The schedule DN object *entry name* cannot be found.

Explanation: 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 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 IBM Software Support.

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 problem with the database. If the problem persists, contact IBM Software Support.

GLPRPL061E • GLPRPL070E

GLPRPL061E Invalid *port type* port specified: *port number*. Port number must be numeric, in the range 1 - 65535. Server starting in configuration only mode with *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 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 is complete.

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 by a replication supplier to modify an entry on this server. The latest update to the entry on this server was more recent; therefore, the supplier's update to the entry was ignored.

Operator response: Check that no updates have been lost by comparing the contents of this entry on all 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, replacing the current entry contents.

Operator response: If the entry is not synchronized among servers in a replication environment, you must manually update the entry on the servers to bring the data into a synchronized state.

GLPRPL076W Replication conflict: a conflict is detected on a modify operation of DN 'entry name'. An earlier update on the supplier has not yet been applied to this server.

Explanation: A replication conflict has occurred. To resolve this conflict, the server requests the supplier to re-add the entry, replacing the current entry contents.

Operator response: If the entry is not synchronized among servers in a replication environment, you must manually update the entry on the servers to bring the data into a synchronized state.

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 an earlier release server that 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 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 and does not support dynamic suffix creation by a supplier server.

Operator response: Manually add the 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*' has been 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 not synchronized among servers in a replication environment, you must manually update the entry on the servers to bring the data into a synchronized state.

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 not synchronized with the other servers in a replication environment, the user must manually update the entry on the servers to bring the data into a synchronized state.

GLPRPL085E Unable to format a string requiring *number of bytes* bytes in only *number* Available bytes.

Explanation: The server failed to format a string in the available space.

Operator response: Report this problem to IBM Software Support.

GLPRPL086E Attribute '*attribute name*' is missing from entry '*entry DN*'.

Explanation: In order to create a replication context based on an entry that is not a suffix, ACL's must be defined explicitly in that entry. The add of the entry has failed.

Operator response: Add the specified attribute to the entry and retry the add operation.

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 attempts 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 re-issuing the extended operation to the supplier.

GLPRPL094I There is no replication queue that 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 Topology successfully replicated to *number of servers* of *number of servers* servers.

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 limit has been exceeded.

Operator response: Change the timeout option to make sure that enough time is given to run the extended operation.

GLPRPL099I • GLPRPL108I

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.

GLPRPL104W Reached or exceeded the limit *max replication errors* for the replication error log for replication agreement DN '*replication agreement*'.

Explanation: The configured limit for the number of replication errors to be logged has been reached or exceeded for this replication agreement.

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.

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: Replication for this agreement will block if the number of failures to be logged 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.

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 was not specified in the replication agreement entry.

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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

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 because 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 blocking replication of later updates until the cause of the problem is resolved and the update is successful.

GLPRPL119W • GLPRPL126E

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.

GLPRPL119W Replica '*entry name*' will use single-threaded, synchronous replication, instead of the method in the replication agreement.

Explanation: The indicated replication agreement specifies an asynchronous replication method. The global data under cn=IBMPolicies is restricted to single-threaded, synchronous replication.

Operator response: To eliminate the warning, change the indicated replication agreement to specify the replication method supported for global data.

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 that the replica hostname and port are correct.

GLPRPL121E The operation being performed on DN '*dn*' is not allowed in a transaction.

Explanation: Changes to the replication topology are not allowed in a transaction.

Programmer response: Do not change the replication topology in a transaction.

GLPRPL122I Replication agreement is set up to retrieve keys from a PKCS11 device instead of a key database file.

Explanation: No additional information is available for this message.

GLPRPL123I Replication agreement is set up to use a PKCS11 device in accelerator mode.

Explanation: No additional information is available for this message.

GLPRPL124W Change cannot be replicated because it contains attributes that require a secure connection.

Explanation: The change contains one or more attributes that have been defined as requiring a secure connection, but the replication agreement is not using a secure connection. Other messages identify the failing change and the associated replication agreement.

Programmer response: Change the replication agreement to use a secure connection.

GLPRPL125E Cannot replicate to consumer because it does not support encrypted attributes. Replica: '*replication agreement*'.

Explanation: The schema contains one or more encrypted attributes. Encrypted attributes cannot be replicated to this consumer because it does not support encrypted attributes. Replication to the consumer will not be started.

Programmer response: Change the attribute definitions in the schema so that attributes are not encrypted.

GLPRPL126E Cannot replicate to consumer because it does not support the current password encryption setting. Replica: '*replication agreement*'.

Explanation: Password encryption has been configured to use an encryption method not supported by the consumer server. Replication to the consumer will not be started.

Programmer response: Change the password encryption setting to a value supported by all consumer servers. Any passwords that have been set with the current password encryption setting must be reset to be usable on the consumer server.

GLPRPL127W Change cannot be replicated because consumer does not support encrypted attributes.

Explanation: The change contains one or more attributes that are defined as encrypted, but the consumer server does not support attribute encryption. Other messages identify the failing change and the associated replication agreement.

Programmer response: Do not use encrypted attributes. After changing the schema, repair any entries containing the encrypted attributes.

GLPRPL128I Creating surrogate entry '*entry name*' on partial replica *hostname* **port** *port number*.

Explanation: No additional information is available for this message.

GLPRPL129E Creation of surrogate entry '*entry name*' on partial replica *hostname* **port** *port number* failed.

Explanation: This master server was attempting to create a new entry on the specified partial replica and the parent entry was missing probably because the replication filter eliminated it completely. The server attempted to create a surrogate entry to take the place of the missing parent, but this operation failed.

Operator response: If the entry is not present on the target server and is still required for child entries, you must manually create the entry on the servers to proceed.

GLPRPL130I Creation of a surrogate entry '*entry name*' on partial replica *hostname* **port** *port number* succeeded.

Explanation: No additional information is available for this message.

GLPRPL131W The replication filter entry *filter entry name* defined for the replication agreement *agreement entry name* cannot be found.

Explanation: The entry specified to contain the replication filter used by the server to filter out selected attributes from entries during replication cannot be found.

Operator response: Make sure the DN of the filter entry is correct and the entry exists.

GLPRPL132E The replication filter entry *filter entry name* defined for the replication agreement *agreement entry name* cannot be found.

Explanation: There is an internal search error. The entry specified to contain the replication filter used by the server to filter out selected attributes from entries cannot be found.

Operator response: Make sure the DN of the replication filter object is correct and the filter entry exists. If the problem persists, contact IBM Software Support.

GLPRPL133W The operational attribute *op attr name* specified as part of the replication filter inclusion/exclusion list is not allowed.

Explanation: Operational attributes cannot be specified as part of the filter exclusion list. If specified, these will not be considered for filtering of attributes from entries during replication.

Operator response: Only specify non-operational attributes as part of the exclusion list in a replication filter.

GLPRPL134I Modifications to only the ACL attributes of an entry will not be filtered.

Explanation: No additional information is available for this message.

GLPRPL135I The Replication Topology extended operation is being performed against a server that does not support filtered replication. Filtered replication related attributes will not be sent to this server.

Explanation: No additional information is available for this message.

GLPRPL136I Replication conflict resolution mode is set to *repl conflict mode*.

Explanation: No additional information is available for this message.

GLPRPL137I Restricted Access to the replication topology is set to *true or false*.

Explanation: If set to true, then only certain administrative users will have access to the entries in the directory that control the replication topology. If false, then ACL settings in the directory will determine who has access to those entries.

GLPRPL138W Consumer server on host *host name*, port *port number*, does not support the requested password encryption format.

Explanation: An administrator attempted to change the password encryption setting to a value that is not supported by all consumer servers. The change is not allowed because replicated passwords would not be usable on the consumer servers.

Operator response: Use a password encryption setting that is supported by all servers, or upgrade the consumer server to a version that supports the desired password encryption.

GLPRPL139E The filter 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.

GLPRPL140I Replication error logging for replication agreement DN '*replication agreement*' is unlimited.

Explanation: No additional information is available for this message.

GLPRPL141W Consumer server on host *host name*, port *port number*, does not support the requested attribute encryption format.

Explanation: An administrator attempted to encrypt an attribute, but attribute encryption is not supported by all consumer servers. The change is not allowed because the schema would not be usable on the consumer servers.

Operator response: Use an attribute encryption setting that is supported by all servers, or upgrade the consumer server to a version that supports encrypted attributes.

GLPRPL142W Internal search for the parent entry *dn* failed.

Explanation: An internal error occurred while trying to locate the entry in the server. This entry is required to be created as a missing parent entry on the consumer for replication to continue.

Operator response: Verify that the entry exists on the master server.

GLPRPL143E The attribute *attribute name* specified in the replication filter is not found in the schema.

Explanation: The specified attribute was not found in the schema.

Operator response: Make sure that only attributes defined in the schema are specified in the replication filter.

GLPRPL144E The objectclass *objectclass name* specified in the replication filter is not found in the schema.

Explanation: The specified objectclass was not found in the schema.

Operator response: Make sure that only objectclasses defined in the schema are specified in the replication filter.

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 *instance_name*]

[*-f config_file*] [*-d debug_level*]] | *-v* | *-?*

where:

- d *debug_level*** Sets the debug level.
Use in conjunction with the `ldtrc` command.
- f *config_file*** 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 *instance_name*** Specifies the name of the directory server instance for which to optimize the database.
- v** Prints the version information for this command.
- ?** Displays the usage.

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 Software 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 a 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 parenthesis, right parenthesis, or \$ symbol.

Operator response: Make sure an Object ID or one of the missing symbols is 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 • GLPSCH012E

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 the 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 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 a 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 the server did not find any.

Operator response: Make sure the database table name and/or column name 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 this specification.

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 definitions 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 • GLPSCH031E

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 attributes 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: A modify operation that is not valid is specified.

Operator response: You can only use the change types (add, delete, and replace) with the modify operation.

GLPSCH025E *variable* *variable* **not found when processing** *variable* *variable.*

Explanation: Definition of SUP, matching rule, or syntax for an attribute or object class is not found.

Operator response: Make sure definitions of all syntaxes, matching rules, and SUPs 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 a 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 exists.

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 directives.

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 a quoted string.

GLPSCH038E *entity string must be provided as string, but was provided as string.*

Explanation: Incorrect entity value.

Operator response: Make sure the 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 the entity value is of the proper type.

GLPSCH040E *The IBM extension for string 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 the entity value is of the proper type.

GLPSCH041E *Data source: file name: line line number: expected ENCRYPT specification, but could not find it at or before variable.*

Explanation: The server was expecting 'ENCRYPT' directive, but did not find it.

Operator response: Make sure all schema definitions comply with RFC2252.

GLPSCH042E Data source: *file name*: **line** *line number*: expected RETURN-VALUE specification, but could not find it at or before *variable*.

Explanation: The server was expecting 'RETURN-VALUE' directive, but did not find it.

Operator response: Make sure all schema definitions comply with RFC2252.

GLPSCH043E Attribute *attribute name* cannot be encrypted. The server does not support encryption for syntax *syntax name*.

Explanation: The server supports encryption for these syntaxes: Binary, Directory String, IA5 String and Telephone Number.

Operator response: Change the IBMAttributeType to use a supported syntax or do not encrypt this attribute.

GLPSCH044E Attribute *attribute name* cannot be encrypted.

Explanation: The server does not allow operational attributes and other special attributes to be encrypted.

Operator response: Do not encrypt this attribute.

GLPSCH045I Encryption settings for attribute *attribute name* have been changed to: *new settings*

Explanation: No additional information is available for this message.

GLPSCH046W *matching rule type* **Matching Rule** *matching rule name* for attribute *attribute name* is not compatible with its syntax *syntax name*

Explanation: The specified matching rule is not compatible with the other matching rules or the syntax of the attribute. This matching rule is ignored.

Operator response: Change the attribute definition so that all matching rules are compatible with the syntax of the attribute.

GLPSCH047E Password attribute *attribute name* cannot be encrypted in the schema.

Explanation: Password encryption is controlled by the server password encryption policy.

Operator response: Do not define this attribute as encrypted using the schema; use the server password encryption policy.

GLPSCH048I Schema item of type '*schema type*' and name '*name*' already exists with the specified OID: '*OID*'.

Explanation: An item was added to the schema that has the OID of an existing attribute, object class, matching rule, or syntax.

Operator response: If the schema item already exists, no action is required. Otherwise, use a different OID for this item.

GLPSCH049W *matching rule type* **Matching Rule** *matching rule name* for attribute *attribute name* is not consistent with other matching rules defined for this attribute in terms of case-sensitivity handling.

Explanation: The specified matching rule is not consistent with other matching rules of the attribute in terms of case-sensitivity. This attribute will be treated as case-sensitive for all EQUALITY, SUBSRING and ORDERING matches.

Operator response: Change the attribute definition so that all matching rules are consistent for case-sensitivity of the attribute.

GLPSCH050E Length *attribute length* for attribute *attribute name* is less than the minimum length of 32 for an AES-encrypted value.

Explanation: The specified attribute is defined to use AES encryption, but the attribute length is too short to hold an AES encrypted value.

Operator response: Change the attribute definition to use a length of at least 32, or do not encrypt the attribute.

GLPSRV001I Command to start or stop a directory server instance.

Usage: *program name* [-I *instance_name* [-f *config_file*] [-h *debug_level*]

```
[[ [-p port] [-s secure_port] [-R server_ID] [-a | -n] ]
| -k | -i | -u] ] | -v | -? | -h ?
```

where:

- a Start the directory server instance in configuration only mode.
- f *config_file* 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 *debug_level* Sets the debug level.
Use in conjunction with the `ldtrc` command.
- h ? Displays the debug levels.
- I *instance_name* 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* Specifies the port for this directory server instance.
- R *server_ID* Specifies the server ID while running this directory server instance.
- s *secure_port* Specifies the secure port for this directory server instance.
- u Removes the directory server instance as a service.
- v Prints the version information for this command.

GLPSRV002I

-? Displays the usage.

Explanation: No additional information is available for this message.

GLPSRV002I Command to start or stop a directory server instance.

Usage: *program name* [-I instance_name [-f config_file] [-h debug_level] [-t]

[[[-p port] [-s secure_port] [-R server_ID] [-c] [-a | -n]]
| -k]] | -v | -? | -h ?

where:

- a** Starts the directory server instance in configuration only mode.
- c** Run the directory server instance in console mode.
- f config_file** 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 debug_level** Sets the debug level in the LDAP library. Use in conjunction with the `ldtrc` command.
- h ?** Displays the debug levels.
- I instance_name** 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 for this directory server instance.
- R server_ID** Specifies the server ID while running this directory server instance.
- s secure_port** Specifies the secure port for this directory server instance.
- t** Tail the server log until final start-up messages are displayed on the console.
- v** Prints the version information for this command.
- ?** Displays the usage.

Explanation: No additional information is available for this message.

GLPSRV003I Server 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 Server was unable to decode input data from the client (connection ID: *connid*, IP address: *ip_addr*, Port: *port*) while processing operation: *operation*.

Explanation: The server is unable to process the requested operation because of a failure when interpreting the request.

Operator response: Make sure that clients BER encode LDAP messages correctly.

GLPSRV006E Unable to open file '*file*'. Try specifying the full path name.

Explanation: The 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 server is unable to allocate the necessary storage to continue processing.

Operator response: Increase the storage for the server and restart the server.

GLPSRV008E Unable to create necessary thread.

Explanation: The server is unable to obtain the necessary resources to create a required thread. If the failure occurs during startup of the server, the program will end.

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

GLPSRV009I *version* server started.

Explanation: No additional information is available for this message.

GLPSRV010E Server unable to start due to attribute dependency check failure.

Explanation: The server is unable to start due to attribute dependency check failure.

Operator response: For additional information see Message ID GLPSRV011E and GLPRPL009E.

GLPSRV011E Server cannot use port *port* for both SSL and non-SSL.

Explanation: The server cannot listen 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 A primary administrator DN must be specified in the server configuration.

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

Operator response: Specify an adminDN in the configuration file.

GLPSRV013E Attempt to initialize administrative connection failed, *error value* (*error string*).

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

Operator response: Remove the socket file associated with the AF_UNIX domain and restart the server.

GLPSRV014E • GLPSRV025I

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 that TCP/IP is operating correctly.

GLPSRV015I Server configured to use *port number* as the secure port.

Explanation: No additional information is available for this message.

GLPSRV016I Server configured for secure client 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 Failed to initialize secure connection from client (connection ID: *connid*, IP address: *ip_addr*, Port: *port*).

Explanation: The 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 Directory server audit logging started. The audit configuration options are: *audit configuration values*.

Explanation: No additional information is available for this message.

GLPSRV024I Directory server 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 server failed to acquire Kerberos credentials for the server principal.

Operator response: Make sure the server service principal name is created correctly in the KDC and the keytab file name is specified correctly in the configuration.

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 a token that is not valid.

Explanation: SASL GSSAPI bind request from the specified client failed because of a token that is not valid.

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 specified in the server configuration has been exceeded.

Operator response: Reduce the number of operations in the transaction and try again or change the server configuration.

GLPSRV031E Maximum number of transactions *maximum transactions* exceeded.

Explanation: The maximum number of concurrent transactions requests specified in the server configuration has been exceeded.

Operator response: Reduce the number of concurrent transaction requests or change the server configuration.

GLPSRV032E Time limit of *time limit* for a transaction was exceeded and all of the operations in the transaction were rolled back.

Explanation: The transaction time limit was exceeded for the operations in a transaction.

Operator response: Increase the transaction time limit in the server configuration.

GLPSRV033I 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; started in configuration only mode.

Explanation: Errors prevented the server from starting normally. A server in configuration mode will allow changes to the configuration to correct any errors.

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 while attempting to open the file specified as the audit output file or the log file for the server, DB2 or bulkload. The specified file is not a valid location or the user issuing the command does not have the necessary permissions to write to the file.

Operator response: Verify that the file name and path are valid and that the permissions allow writing to the file.

GLPSRV038W Using default file *file name*.

Explanation: The file specified in the configuration could not be opened so the default file will be used instead.

Operator response: If using the default file is unacceptable, verify that the file specified in the configuration is valid and can be written to.

GLPSRV039E Configuration entry: *entry DN* contains an line that is not valid: *entry attribute : attribute value*

Explanation: The configuration entry shown was not valid.

Operator response: Check the configuration entry shown and make sure that it is valid.

GLPSRV040E Server starting in configuration only mode due to errors.

Explanation: A previous error caused the directory server instance to start in configuration only mode.

Operator response: Review the server log to find the error that caused the server to start in configuration only mode. Correct the error condition and restart the server.

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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

GLPSRV043W Server response to the backlog of requested client operations has completed. *number of completed requests* requests completed.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

GLPSRV044W Client connection from *IP address* bound as *bind DN* closed by server.

Explanation: The server has closed the specified client connection, either as a result of reaping connections or as a result of an unbind LDAP extended operation.

Operator response: Verify that the reaping parameters in the server configuration are acceptable.

GLPSRV045W Automatically closed *number of connections* idle client connections.

Explanation: The current number of connections exceeded the limit specified in the server configuration so the server closed the specified number of idle client connections.

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 that no client applications require anonymous access to the server. (ibm-SlapdAllowAnon == False).

GLPSRV047W Anonymous binds will be allowed.

Explanation: The administrator has configured the server to accept anonymous binds.

Operator response: Verify that anonymous access to the server should be allowed.

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 a server configuration update, all anonymous connections bound to the server have been closed.

Operator response: Verify that the server 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 LDAP extended operation request and the specified number of client connections have been closed.

Operator response: Verify that the request to unbind these connections was expected.

GLPSRV053E Server unable to respond to the large backlog of client requests.

Explanation: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated.

GLPSRV054E Unable to enable tracing dynamically.

Explanation: The server was unable to start tracing as requested.

Operator response: Ensure that the IBM LDAP Trace Facility is on. For example, run 'ldtrc on' or use the ldaptrace command.

GLPSRV055I Server enabled tracing dynamically.

Explanation: No additional information is available for this message.

GLPSRV056E • GLPSRV065E

GLPSRV056E Server unable to disable tracing dynamically.

Explanation: The server was unable to turn off tracing as requested.

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 Server disabled tracing dynamically.

Explanation: No additional information is available for this message.

GLPSRV058E Unable to set debug level for server debugging.

Explanation: The 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 server was able to change the debug level dynamically. The debug level is used to control the type of information that is 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 for the server.

Explanation: The 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 Server debug output routed to *debug_output_filename*.

Explanation: No additional information is available for this message.

GLPSRV062E Attribute *attribute name* in entry *entry name* specified the Kerberos ID for an administrator incorrectly.

Explanation: The syntax of the Kerberos ID defined for the administrative user is not valid. The 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 server was unable to register all the supported features.

Operator response: Make sure sufficient memory is available to run the server.

GLPSRV064E Failed to initialize *plugin name*.

Explanation: The server was unable to initialize the specified object. The object might be an external server plug-in, or an internal server feature.

Operator response: Verify that the server is properly configured.

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. The attribute has been removed from the unique attribute list.

Operator response: This is most likely caused after a bulkload of new data. Remove all of the duplicate values for this attribute, and then re-add the attribute to the unique list.

GLPSRV066E DIGEST-MD5 bind attempt failed 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 Attribute *attribute name* in entry *entry name* specified the Kerberos ID for an administrator incorrectly.

Explanation: The syntax of the Kerberos ID defined for the administrative user is not valid. A Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName'.

Operator response: Make sure that the Kerberos ID has the proper syntax.

GLPSRV074E Attribute *attribute name* in entry *entry name* specified the Kerberos ID for an administrator incorrectly.

Explanation: The syntax of the Kerberos ID defined for an administrator is not valid. A Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

Operator response: Make sure that the Kerberos ID has the proper syntax.

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 not valid. 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. No future operations requested in this transaction are allowed. Transaction rolled back.

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 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 Server trace enabled.

Explanation: The server was able to initialize tracing at server startup.

Operator response: Because of the performance impact of collecting trace and debug data from the server, make sure that the data is being collected to resolve a problem.

GLPSRV079E Unable to set the server debug level at startup.

Explanation: The 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 Server debug level set to *debug_output_level*.

Explanation: The 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 the server debug output file name at startup.

Explanation: The 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 Server debug output routed to file *debug_output_filename*.

Explanation: No additional information is available for this message.

GLPSRV083E Unable to enable server tracing as requested on the command line.

Explanation: The 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 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 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 that TCP/IP is operating correctly.

GLPSRV086I Terminating server.

Explanation: No additional information is available for this message.

GLPSRV087E The -a and -n options cannot be used together.

Explanation: A command was issued to start the server in configuration only mode and not in configuration only mode at the same time.

Operator response: Specify only the -a or -n option, depending on the desired server state.

GLPSRV088E The server is unable to run because of initialization error.

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

Operator response: View earlier error messages 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 AIX, Linux, Solaris, and HP-UX systems). Clues to this problem might also be found in the ibmslapd.log file. If no previous error messages were printed, contact IBM Software Support. Make sure you have all log files available to send to IBM Software Support if they are required.

GLPSRV089E Server unable to start because the server could not write to the slapd.pid file.

Explanation: The server is unable to write the process ID to the directory server instance's 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 (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 • GLPSRV100E

GLPSRV091E Null based one level search is not supported.

Explanation: The requested NULL based one level search is not supported.

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 at least one value 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 the client application is using LDAP version 2 or 3.

GLPSRV094E The value *attribute value* is not a valid value for attribute `ibm-slapdServerBackend`. The attribute takes either "RDBM" or "PROXY" as its values.

Explanation: The server encountered a value that is not valid 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 type *plugin type* with path *plugin path* is not supported. Plugin not loaded.

Explanation: A plug-in type that is not supported was encountered in the server configuration.

Operator response: Make sure only supported plug-in types are specified.

GLPSRV096E Bind attempt by DN *DN* and source IP address *IP Address* was unsuccessful.

Explanation: Due to authentication problems, a bind attempt from a client was not successful.

Operator response: Make sure the client uses the correct credentials.

GLPSRV097E Internal processing error in the 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 Directory server audit logging started.

Explanation: No additional information is available for this message.

GLPSRV099E Unable to open audit log file '*filename*'.

Explanation: The server is unable to open the audit log file.

Operator response: Make sure the server instance owner has the appropriate access to the directories in the file name path and to 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: Clear the audit log file, move it to a different filesystem (or drive) that has more space.

GLPSRV101E Problems retrieving entry '*entry DN*' in the server configuration.

Explanation: The server could not retrieve an entry from the server configuration file.

Operator response: Verify that the DN and data for the entry are 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 was 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 the 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 Event notification contains data that is not valid in the berval structure passed in.

Explanation: No additional information is available for this message.

GLPSRV111I An unbind operation was issued within a transaction and this is not allowed.

Explanation: No additional information is available for this message.

GLPSRV112I Multiple start transactions were issued within a transaction and this is not allowed.

Explanation: No additional information is available for this message.

GLPSRV113I An extended operation is sent within a start transaction and this is not allowed.

Explanation: No additional information is available for this message.

GLPSRV114E Server failed to start normally with SSL; starting in configuration only mode without SSL.

Explanation: The server failed to start in normal mode with SSL so it is starting in configuration only mode to allow configuration changes to address the problem.

Operator response: Make sure two different ports for SSL and non-SSL are specified. Verify all SSL server configuration settings.

GLPSRV115E The operator is 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 the user does 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 the user does not have the same primary group as the owner, the user is not authorized to start the directory server instance.

GLPSRV116I Successfully set debug level to *debug level* from the command line.

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 Software Support.

GLPSRV120I The Windows service for directory server instance '*instance name*' already exists.

Explanation: No additional information is available for this message.

GLPSRV121I Terminated directory server instance '*instance name*' by killing process.

Explanation: No additional information is available for this message.

GLPSRV122E Failed to stop directory server instance: '*instance name*'.

Explanation: The program failed to stop the directory server instance. The error might have occurred because the directory server instance was already stopped.

Operator response: Verify that directory server instance exists and is running. If necessary, stop the directory server instance manually using the kill command on AIX, Linux, Solaris, and HP-UX systems or through the Windows Services panel on Windows systems.

GLPSRV123E Unable to stop directory server instance '*instance name*' because the state of the server cannot be determined.

Explanation: An attempt was made to stop the directory server instance and its state could not be determined.

Operator response: This error most likely occurred because the user does not have sufficient access to check the status of the directory server instance. Verify that the directory server slapd.pid file can be read by the user.

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 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.

GLPSRV127E The -k and -i options cannot be used together.

Explanation: A command was issued 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 options cannot be used together.

Explanation: A command was issued 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 options cannot be used together.

Explanation: A command was issued 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 The -k and -c options cannot be used together.

Explanation: A command was issued 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 options cannot be used together.

Explanation: A command was issued 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 options cannot be used together.

Explanation: A command was issued 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 *text*

Explanation: This message reserved for use by IBM Software Support.

GLPSRV135E A problem was encountered while retrieving server configuration entries for subtree '*subtree DN*'.

Explanation: The server could not retrieve the entries under the specified DN from the server configuration.

Operator response: Verify that the specified subtree exists in the server configuration file. If it does not, consider copying the subtree from the installed server configuration template file.

GLPSRV136E *text*

Explanation: This message reserved for use by IBM Software Support.

GLPSRV137E The Administrative Password Policy settings in the server configuration are not valid.

Explanation: One or more Administrative Password Policy settings in the server configuration are not valid.

Operator response: Make sure that Administrative Password Policy values are valid.

GLPSRV138W A client connection from *IP address* bound as *bind DN* closed by the server.

Explanation: The server has closed the specified client connection as a result of an unbind extended operation.

Operator response: See the IBM Tivoli Directory Server Administration Guide for more information.

GLPSRV139W A client connection from *IP address* bound as *bind DN* closed by the server.

Explanation: The server has closed the specified client connection as a result of reaping (connections that met administrative criteria).

Operator response: Verify that the reaping parameters are acceptable. See the IBM Tivoli Directory Server Administration Guide for more information.

GLPSRV140E An unsupported operation was requested within a transaction. Transaction *transaction ID* rolled back.

Explanation: A client sent an unsupported operation within a transaction.

Operator response: Verify that the client requesting the transaction only requests update operations.

GLPSRV141E An unsupported operation was requested within a transaction after a prepare transaction extended operation request. Transaction *transaction ID* rolled back.

Explanation: A client sent an unsupported operation within a transaction after a prepare transaction extended operation request. Only a commit or roll back request is allowed following a prepare transaction extended operation.

Operator response: Verify that the client requesting the transaction only sends a roll back or commit request following a prepare transaction extended operation.

GLPSRV142E An unsupported extended operation was requested within a transaction after a prepare transaction extended operation request. Transaction *transaction ID* rolled back.

Explanation: A client sent an unsupported extended operation within a transaction after a prepare transaction extended operation request. Only a commit or roll back request is allowed following a prepare transaction extended operation.

Operator response: Verify that the client requesting the transaction only sends a roll back or commit request following a prepare transaction extended operation.

GLPSRV143E Transaction time limit between prepare and commit or roll back exceeded. Transaction *transaction ID* rolled back.

Explanation: The time between the prepare extended operation and the commit or roll back extended operation was greater than the configured limit. The transaction will be rolled back to free up resources.

Operator response: Decrease the amount of time between the prepare transaction extended operation and the commit or rollback extended operations.

GLPSRV144E 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.

GLPSRV145E The modify request failed because proxy split name is not unique.

Explanation: The modify request failed because the `ibm-slapdProxySplitName` specified was not unique within the configuration file.

Operator response: Specify a unique `ibm-slapdProxySplitName` and retry the modify request.

GLPSRV146E The add request failed because proxy split name is not unique.

Explanation: The add request failed because the `ibm-slapdProxySplitName` specified was not unique within the configuration file.

Operator response: Specify a unique `ibm-slapdProxySplitName` and retry the add request.

GLPSRV147W Connection write time limit exceeded. Connection from *IP address* bound as *bind DN* will be closed.

Explanation: The server has tried to write messages to the client at the specified IP address. The write operation has timed out. The server is going to shut down the connection to the client.

Operator response: Identify the client application and ensure that the application receives messages from the server in a timely manner.

GLPSRV148W Transaction with ID *transaction ID* submitted by *bind DN* will be rolled back due to an error (*LDAP error*) in an operation.

Explanation: The server has encountered an error in the processing of the transaction and is rolling back any updates made as a part of the transaction.

Operator response: The client application also receives a return code and message, so no action from the directory administrator is required.

GLPSRV149E Ulimit entry *entry DN* is not present in the server configuration.

Explanation: The `ulimit` entry in the server configuration identifies the prescribed system limits for the server process.

Operator response: Copy the entry from the installed server configuration template file and add it to the server configuration file for the failing server instance.

GLPSRV150E Input not valid for *option ulimit option*.

Explanation: The value for the specified `ulimit` option in the server configuration is not valid.

Operator response: Correct the value for the specified `ulimit` option in the server configuration and restart the server.

GLPSRV151E • GLPSRV160I

GLPSRV151E Prescribed soft limit is out of range or greater than hard limit value for *option* ulimit option.

Explanation: The value for the specified ulimit option in the server configuration is too large or too small.

Operator response: Correct the value for the specified ulimit option in the server configuration and restart the server.

GLPSRV152I Prescribed soft limit is very high; setting process ulimit to unlimited for *option* ulimit option.

Explanation: No additional information is available for this message.

GLPSRV153W The server was not able to accept a requested client connection. The maximum capacity of *message* has been reached. This error has occurred *message* times.

Explanation: This is a limit imposed the operating system.

Operator response: Check for idle connections that can be dropped. Modify the server configuration parameters for reaping idle connections.

GLPSRV154E A new persistent search request could not be handled by the server.

Explanation: The server limit for maximum number of concurrent persistent searches was exceeded.

Operator response: Unbind some existing persistent searches, increase the maximum number of concurrent persistent searches allowed, or wait until some persistent searches have completed and retry the operation.

GLPSRV155I The DIGEST-MD5 SASL Bind mechanism is enabled in the configuration file.

Explanation: No additional information is available for this message.

GLPSRV156I Encrypted attributes are not allowed in entry distinguished names.

Explanation: No additional information is available for this message.

GLPSRV157I Encrypted attribute '*attribute name*' is allowed only in 'present' and 'equality' filters.

Explanation: The attribute is defined in the schema to be 2-way encrypted. 2-way encrypted attributes can only be used in 'present' or 'equality' filters.

Operator response: Change the search filter so that the attribute is used in a 'present' or 'equality' filter.

GLPSRV158I 1-way encrypted attribute '*attribute name*' is only allowed in 'present' filters.

Explanation: The attribute is defined in the schema to be 1-way encrypted. 1-way encrypted attributes can only be used in 'present' filters.

Operator response: Change the search filter so the attribute is used in a 'present' filter.

GLPSRV159I NONMATCHABLE attribute '*attribute name*' is allowed only in 'present' filters.

Explanation: The schema definition for this attribute only allows the attribute to be used in 'present' filters.

Operator response: Change the search filter so the attribute is only used in 'present' filters, or change the schema to allow the attribute to be used this way.

GLPSRV160I Attribute '*attribute name*' requires a secure connection.

Explanation: The schema definition for this attribute states that a secure connection (SSL or TLS) is required to access this attribute, but the client is not using a secure connection.

Operator response: Use a SSL or TLS connection.

GLPSRV161W There are no Administrative Password Policy settings in the server configuration.

Explanation: There are no Administrative Password Policy settings in the server configuration file. The server will start without Administrative Password Policy enabled.

Operator response: Verify that the Administrative Password Policy entry is in the server configuration file.

GLPSRV162W Referral '*referral*' not valid.

Explanation: The referral specified in the server configuration file is not in the supported format.

Operator response: Verify the referral in the configuration file.

GLPSRV163E Pass-through bind failed on '*URL*' for entry '*bind DN*'.

Explanation: Pass-through authentication bind failed for specified entry using the given host and port.

Operator response: Verify the following:

1. The pass-through directory server is running on the specified hostname and port number.
 2. If attribute mapping is configured, then the password of the mapped DN on the pass-through directory matches the password supplied.
 3. If the entry contains `ibm-ptaLinkAttribute`, it does not have the value `_DISABLE_`.
 4. If attribute mapping is configured as '`ibm-slapdPtaAttMapping: attr1 $ attr2`', the entry contains attribute '`attr1`'.
 5. If attribute mapping is configured, the mapped entry must be present on the pass-through directory.
-

GLPSRV164E Pass-through bind failed because the attribute '*attribute name*' has multiple values in entry '*EntryDN*'.

Explanation: The pass-through authentication bind failed because attribute mapping is configured and the entry contains multiple values for the attribute configured in attribute mapping.

Operator response: The attribute configured in the attribute mapping must have a single value in the entry. If there are multiple values, pass-through authentication does not work.

GLPSRV165E Pass-through authentication failed due to a timeout.

Explanation: The pass-through directory did not respond within the specified time limit.

Operator response: Try one of the following:

- Check to see if the pass-through directory is running.
 - Increase the time limit and restart the directory server instance.
 - Check for network failures.
-

GLPSRV166E The pass-through search to get mapped DN for the bind DN '*bind DN*', returned more than one entry.

Explanation: The error occurred because pass-through authentication is configured with attribute mapping and the search for the bind DN on the pass-through directory returned more than one entry.

Operator response: Set the attribute mapping so that the value of the attribute is unique in the pass-through directory.

GLPSRV167E Nested subtrees '*1st subtree DN*' and '*2nd subtree DN*' found in pass-through authentication configuration.

Explanation: Nested subtrees are not allowed in pass-through authentication configuration

Operator response: Nested subtrees are not allowed in pass-through authentication. Modify the configuration to remove nested subtrees.

GLPSRV168E Attribute mapping is configured for attribute '*attribute name*', which is not present in the schema.

Explanation: If attribute mapping is configured as 'ibm-ptaAttMapping: attr1 \$ attr2 ', the attribute 'attr1' MUST be present in schema.

Operator response: Add the attribute in the schema or select some other attribute for attribute mapping.

GLPSRV169W Attribute mapping is configured for attribute '*attribute name*', which is not present in the schema for pass-through directory server '*URL*'.

Explanation: The attribute mapping is configured as 'ibm-ptaAttMapping: attr1 \$ attr2', and attribute 'attr2' is not present in the pass-through directory schema.

Operator response: Pass-through bind might fail because the attribute is not present in the pass-through directory schema. Add this attribute.

GLPSRV170E Attribute name '*attribute name*' that is not valid specified in attribute mapping.

Explanation: The specified attribute name is not valid.

Operator response: Specify a valid attribute name and retry.

GLPSRV171E Specified attribute mapping '*attribute map*' is not valid.

Explanation: Attribute mapping should be in the form "attr1 \$ attr2", where attr1 and attr2 are both valid attribute names and attr1 MUST be present in the local schema.

Operator response: Specify a valid attribute mapping and retry.

GLPSRV172E Pass-through attribute mapping is configured for bind DN '*bind DN*' but the entry is missing.

Explanation: Entry must be present on the IBM Tivoli Directory Server to perform pass-through authentication if attribute mapping is configured.

Operator response: Check to see if the entry is missing. Add the appropriate entry.

GLPSRV173E Value for attribute '*attribute name*' not valid in entry '*entry DN*'.

Explanation: Specified attribute does not have a valid value.

Operator response: Specify the correct value for the attribute in the entry shown.

GLPSRV174E Pass-through subtree '*subtree DN*' conflicts with restricted subtree '*restricted subtree DN*'.

Explanation: The pass-through subtree shown conflicts with the restricted list of subtrees.

Operator response: Specify a pass-through subtree that does not conflict with any of the restricted subtrees.

GLPSRV175W Unable to check schema of pass-through directory '*URL*' for attribute '*attribute name*', received return code *LDAP return code*.

Explanation: An error occurred while verifying the pass-through directory schema for existence of the attribute.

Operator response: Take appropriate action based on the return code.

GLPSRV176I Terminated directory server instance '*instance name*' normally.

Explanation: No additional information is available for this message.

GLPSRV177W Directory server instance unable to shut down; exiting now.

Explanation: The server was unable to shutdown gracefully as requested within the maximum allowed time.

GLPSRV178E Internal error while processing plugin type *plugin type* with path *plugin path*.

Explanation: A plug-in specified in the server configuration could not be processed.

Operator response: Make sure the plug-in is valid and the type supported.

GLPSRV179E The pass-through URL '*URL*' is not valid.

Explanation: The format used to configure the URL identifying the pass-through directory server is incorrect.

Operator response: Ensure that the URL identifying the pass-through directory server is in LDAP URL format.

GLPSRV180I Pass-through authentication is *state*.

Explanation: No additional information is available for this message.

GLPSRV181E The pass-through authentication bind failed during attribute mapping with *rc=rc*.

Explanation: The server must bind to the pass-through directory server for pass-through authentication to work and the bind failed.

Operator response: Check the return code. Verify that pass-through directory is running. Verify that bind DN and password given in configured for attribute mapping is correct.

GLPSRV182E Failed to connect to pass-through directory '*URL*'.

Explanation: The server must connect to the pass-through directory server for pass-through authentication to work and this connection could not be established.

Operator response: Verify that Pass-through directory is running. Check for a network failure. If SSL is configured verify that the key file and password are correct. Contact IBM Software Support if problem persists.

GLPSSL001I Secure port overridden from command line; SSL will use *port=port number*.

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 • GLPSSL013E

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 Software 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 *certificate label* in the SSL key database file is not valid.

Explanation: The certificate to be used by the LDAP directory or administration server in the SSL key database file is not valid.

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 No certificate exists in SSL key database file *filename*.

Explanation: No certificate exists in the 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 that the client supplied the necessary information to complete the SSL handshake.

GLPSSL016E An SSL error of *error code* was encountered contacting consumer server *host name*, **port** *port number*.

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 Software 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 that it was supplied a bad parameter.

Operator response: If the problem persists, contact IBM Software 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 Software 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 • GLPSSL033E

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 want 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=*port number*.

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 IBM Software Support.

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 Software 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 PKCS#11 device instead of a key database file.

Explanation: No additional information is available for this message.

GLPSSL031W The server is operating in FIPS mode for the SSL layer but not the underlying cryptographic layer.

Explanation: An error occurred during initialization of GSKit in FIPS mode. The server starts in configuration mode.

GLPSSL032I The server is configured to use a PKCS#11 device in accelerator mode.

Explanation: No additional information is available for this message.

GLPSSL033E Unable to load the specified PKCS#11 library library.

Explanation: Attempt to load the specified library failed. The server starts in configuration mode.

Operator response: Specify the correct path and file name for the PKCS#11 library to be used for cryptographic operations.

GLPSSL034E A PKCS#11 token *token* is not present in the slot.

Explanation: Unable to find the PKCS#11 token name in the PKCS#11 crypto hardware slot.

Operator response: Verify that the name of the token specified in the server configuration file for SSL is correct. The PKCS#11 token name specified must be present on the slot created on the PKCS#11 crypto hardware used for cryptographic operations.

GLPSSL035E The password/pin to access the PKCS#11 token is not valid.

Explanation: The PKCS#11 hardware password supplied in the directory server configuration is not correct.

Operator response: Correct the PKCS#11 token password in the configuration and restart the server.

GLPSSL036E A PKCS#11 token label *token label* is not valid.

Explanation: The SSL certificate label specified in the configuraion file is invalid.

Operator response: Specify the correct certificate label present in the PKCS#11 crypto hardware slot used by the directory server for cryptographic operations and restart the server.

GLPSSL037I The server is configured to retrieve keys from the key database.

Explanation: No additional information is available for this message.

GLPSSL038W Unable to start the server in FIPS Mode. Turning off the FIPS Support.

Explanation: An error occurred during initialization of GSKit in FIPS mode. The server starts in configuration mode.

GLPUCH001I

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

Usage: *program_name* [-I instance_name

[-f config_file] [-d debug_level] [-b output_file] [-q]

[-n]] | -v | -?

where:

- b *output_file* 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 *debug_level* Sets the debug level. Use in conjunction with the `ldtrc` command.
- f *config_file* 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 *instance_name* Specifies the name of the directory server instance

GLPUCH002I • GLPUCH008E

- 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 is suppressed except for errors. If the -d option is also specified, trace output is not suppressed.
 - v Prints the version information about the command.
 - ? Displays the usage.

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 Software 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 Software 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 might have been caused because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPUCH013W 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.

GLPUDB001I

Command to unconfigure a database for a directory server instance.

Usage: *program name* [-I *instance_name* [-r]

[*-f config_file*] [*-d debug_level*] [*-b output_file*] [*-q*

[*-n*]] | *-v* | *-?*

where:

- b *output_file*** 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 *debug_level*** Sets the debug level. Use in conjunction with the `ldtrc` command.
- f *config_file*** 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 instance_name** 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 is 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.
- ?** Displays the usage.

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 Software 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 Software 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 no database is configured.

Operator response: Only try to drop the database for a directory server instance if a database 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. Tried to delete a database for a directory server instance and no database is configured.

Operator response: Only try to drop the database for a directory server instance if a database already exists.

GLPUDB011E A database instance is not configured for directory server instance *'instance name'*.

Explanation: Tried to delete a database and no database instance is configured for the 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 might have been caused because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPUDB013W 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.

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 the 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 instance_name -s schema_file

[-f config_file] [-d debug_level] [-b output_file] [-q]

[-n]] | -v | -?

where:

- b output_file** 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 debug_level** Sets the debug level in the LDAP library. Use in conjunction with the ldtrc command.
- f config_file** 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 instance_name** 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 is suppressed. If the -d option is also specified, trace output is not suppressed.
 - s *schema_file* Specifies a schema file to remove from the directory server instance.
 - v Prints the version information for this command.
 - ? Displays the usage.

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 might have been caused because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software 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 from 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 Software 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 cannot be removed from the configuration file of the directory server instance because it does not exist in the configuration file.

Operator response: Use `idsxcfg` to determine which schema files exist in the configuration file of the directory server instance.

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: Use `idsxcfg` to determine which schema files exist in the configuration file of the directory server instance. 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 instance_name -s suffix

```
[-f config_file] [-d debug_level] [-b output_file] [-q]
[-n]] | -v | -?
```

where:

- b output_file** 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 debug_level** Sets the debug level in the LDAP library. Use in conjunction with the `ldtrc` command.
- f config_file** 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 instance_name** 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 is 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 for the command.
-?	Displays the usage.

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 might have been caused because the program ran out of memory.

Operator response: See IBM Tivoli Directory Server System Requirements for information about hardware and software requirements. If all requirements are met, attempt to run the command again. If the problem persists, contact IBM Software 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 from 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 Software 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 cannot be removed from the configuration file of the directory server instance because it does not exist in the configuration file.

Operator response: Use `idsxcfg` to determine which suffixes exist in the configuration file of the directory server instance.

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 found 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.

GLPWCO001I The directory server *server name* that listens on *port number* was successfully added to the Web Administration Tool. The directory server is now available from the Web Administration Tool login panel.

Explanation: No additional information is available for this message.

GLPWCO002E Select an entry.

Explanation: An entry must be selected for the current operation. No entry was selected.

Operator response: Select an entry for the requested operation to be successful.

GLPWCO003E Cannot connect to the server.

Explanation: Unable to connect to the directory server or administration daemon. Check to be sure that the server is running and reachable through the network.

Operator response: The error might have occurred for one of the following reasons:

1. The server might be down. Start or restart the server.
 2. There might be a problem in the network. Check the network settings and check that the ping command to the server returns Success.
-

GLPWCO004I The server is running in configuration only mode. Not all operations are available.

Explanation: No additional information is available for this message.

GLPWCO005E Select a row.

Explanation: An entry must be selected for the current requested operation to succeed. No entry was selected.

Operator response: Select a row from the table for the requested operation to succeed.

GLPWCO006E The server is running in configuration only mode. This task cannot be initialized.

Explanation: The directory server is running in configuration only mode. In this mode, not all of the Web Administration Tool tasks are available.

Operator response: If an error caused the directory server to start in configuration only mode, correct the error and start the directory server in normal mode; then retry the task.

GLPWCO007I The changes were saved.

Explanation: No additional information is available for this message.

GLPWCO008E A server with the same hostname and port already exists.

Explanation: The server with the specified hostname and port is already registered with the Web Administration Tool.

Operator response: Either change the hostname to one that is not already registered, or change the port for the

hostname so that the hostname and port combination does not exist in the registered server list.

GLPWCO009E The administration port specified is already in use.

Explanation: A server with the specified hostname and administration port is already registered with the Web Administration Tool. The specified administration port is in use, either as the administration port or the normal port of an existing server with same hostname.

Operator response: Either change the hostname to one that is not already registered, or change the administration port for the hostname so that the hostname and administration port combination does not exist in the registered server list.

GLPWCO010E Authentication error: Either the user name or password (or both) is incorrect, or the password has expired.

Explanation: The login failed because the specified user name or password is incorrect, or the password might have expired.

Operator response: Attempt to log in again by specifying the correct user name and password. If you still receive an error, then contact the directory server administrator.

GLPWCO011E Communications error: Unable to connect to the specified LDAP server.

Explanation: The login failed because the connection to the specified LDAP server could not be established.

Operator response: Check to be sure that the specified LDAP server is reachable through the network and that the LDAP server or its administration daemon is running.

GLPWCO012E Login failed: The server is currently unwilling to accept the bind. The specified account might be locked.

Explanation: The login failed because the specified user account is locked.

Operator response: Contact the directory server administrator to unlock the account.

GLPWCO013E LDAP server error: Unable to connect to the specified LDAP server using the existing connection settings.

Explanation: The user login failed because of internal JNDI exceptions.

Operator response: Try using the tool again; if the error persists, contact the directory server administrator.

GLPWCO014E Internal error: An internal error occurred while trying to authenticate the user.

Explanation: An internal error might have occurred for one of the following reasons:

1. A problem occurred while performing file operations.
2. An internal object returned an unexpected result.

Operator response: Try using the tool again; if the error persists, contact the directory server administrator.

GLPWCO015E Parameter error: Either the user name or the password or both were not specified.

Explanation: User name and password are required for a login to be successful.

Operator response: Type a valid user name and password and then try to log in.

GLPWCO016E Unknown error: Attempted to access this page without all required parameters.

Explanation: An attempt was made to access this page without the required parameters.

Operator response: Do not open this page directly. Open the page through the Web Administration Tool.

GLPWCO017E The current user does not have access to this page. Current session might have timed out.

Explanation: An attempt was made to access a page for which the current logged-in user does not have access permission.

Operator response: Contact the directory server administrator to grant access to this page.

GLPWCO018E Error: Current password incorrect.

Explanation: The password provided does not match the existing password of the console administrator.

Operator response: Type a valid password for the console administrator in the Current[®] password field.

GLPWCO019E Error: Confirmation password incorrect.

Explanation: The values typed in the New password and Confirm new password fields must be exactly the same. These fields are case-sensitive. The values specified in the two fields do not match.

Operator response: Type the same value in the New password and Confirm new password fields.

GLPWCO020W Are you sure you want to delete the selected server?

Explanation: Continuing with this operation will delete the selected server from the list of registered servers for the Web Administration Tool.

Operator response: Click OK to delete the selected server or Cancel to cancel the delete operation.

GLPWCO021E Unauthorized access. The user is not a console administrator.

Explanation: The logged-in user does not have authorization to access this panel. Only console administration users are allowed to access this panel.

Operator response: Log in as a console administration user to access this panel.

GLPWCO022W The password must be changed before access can be granted to the LDAP data.

Explanation: Password policy is enabled on the directory server. Password for the logged-in user must be changed before any action can be performed on the directory server.

Operator response: Change the password using the Change password panel under the User properties section and then try again to access the LDAP data.

GLPWCO023W The account is locked.

Explanation: The maximum number of login failures was reached and the account was locked by the server.

Operator response: Contact the directory server administrator to unlock the account.

GLPWCO024W The password was reset and must be changed now.

Explanation: Password policy is enabled on the directory server. An administrator or another user with the correct authority has reset the password. The password must be set before the user can access the directory data.

Operator response: Change the user password.

GLPWCO025W The password cannot be changed. The user does not have the authority to modify the password.

Explanation: Password policy is enabled on the directory server. The current user does not have access rights to change the password.

Operator response: Contact the directory server administrator to change the password.

GLPWCO026W The current password was not supplied or is not correct.

Explanation: Password policy is enabled on the directory server. The current password is required for this operation to run. Either the password was not supplied or an incorrect password was supplied.

Operator response: Provide the correct current password for the account and request the operation again.

GLPWCO027W Incorrect password syntax.

Explanation: Password policy is enabled on the directory server. The syntax of the password is incorrect. Check for the following errors:

1. The password is too short.
2. The password does not contain the minimum number of required alphabetic characters.
3. The password does not contain the minimum number of required numeric and special characters.
4. The password has a character repeated more times than the maximum allowed.
5. The new password does not have enough characters that are different from those in the current password.

Operator response: Type a valid password that meets all requirements.

GLPWCO028W The password is too short.

Explanation: Password policy is enabled on the directory server. The password policy for the system requires that the password contain a minimum number of characters; the password is too short.

Operator response: Type a password that contains at least the minimum number of characters required.

GLPWCO029W The current password is not old enough and cannot be changed at this time.

Explanation: Password policy is enabled on the directory server. The age of the password is less than the minimum time required between password changes. The password cannot be changed at this time.

Operator response: Try changing the password at some later point of time.

GLPWCO030W The password specified is incorrect. The password has already been used.

Explanation: Password policy is enabled on the directory server. This password was used earlier. Provide a new password.

Operator response: Type a new password that has never been used.

GLPWCO031W *number of binds* LDAP binds remain before the account will be locked.

Explanation: Password policy is enabled on the directory server. Some number of grace logins is available before the user account is locked. The number of grace logins remaining is shown in the message.

Operator response: Change the password from the Change password panel under User properties to prevent the account from being locked.

GLPWCO032W Password will expire after *number of seconds* seconds.

Explanation: Password policy is enabled on the directory server. The account will expire after the specified number of seconds.

Operator response: Change the password from the Change password panel under User properties to prevent the account from being locked.

GLPWCO033E Connected to administration daemon. This task cannot be initialized.

Explanation: The directory server is not running. The Web Administration Tool is connected to the administration daemon. In this mode, not all of the Web Administration Tool tasks are available.

Operator response: Start the directory server in normal mode; then retry the task.

GLPWCO034E Server with the same server name already exists.

Explanation: The server with the specified server name is already registered with the Web Administration Tool.

Operator response: Change the server name to a name that is not already registered and does not exist in the registered server list.

GLPWCO035W Connected to administration daemon. Not all operations are available.

Explanation: The directory server is not running. The Web Administration Tool is connected to the administration daemon. In this mode, not all of the Web Administration Tool operations are available.

Operator response: Start the directory server in normal mode to view all the values on the panel.

GLPWCO036E Incorrect port in Server entry.

Explanation: The error might have occurred for one of the following reasons:

1. The port number must be in numeric format. The error occurred as the specified port number cannot be converted to a numeric type.
2. The port number must be a positive number. The error occurred as the specified port number is either a negative number or zero.

Operator response: Type the port number in numeric format such that it is greater than zero..

GLPWCO037E Incorrect server entry. Provide the server entry in the following format 'hostname:port'.

Explanation: The server entry must be specified in the format 'hostname:port'. The error occurred because the specified server entry is not in the required format.

Operator response: Specify the server entry in the format 'hostname:port'.

GLPWCO038W Changes made to the schema are not propagated to the back-end servers. For changing the schema of the back-end servers, changes must be made on the back-end servers.

Explanation: When logged in to a proxy server, changes made to the schema are not propagated to back-end servers. All schema changes to be made on a back-end server must be made when logged in to the back-end server.

Operator response: Log in to the back-end directory server to change the schema.

GLPWDM001E An error occurred connecting to server *server name: error*.

Explanation: An error might have occurred for one of the following reasons:

1. Logged-in user does not have permission to look up LDAP data.
2. A problem occurred while modifying the LDAP data.
3. The LDAP data being accessed has incorrect data or incorrect naming attributes or entries.
4. A problem occurred while creating the initial context.
5. A problem occurred while chasing a referral.
6. The specified directory server does not support the requested directory operation.
7. Synchronization and serialization issues caused a problem.

Operator response: Try to perform the operation again. If the error persists, contact the directory server administrator.

GLPWDM002E An error occurred while disconnecting from the server *server name: error*.

Explanation: The server connection is not closed because an error occurred while closing the connection. If the program expects the server connection to be closed, unexpected results might occur.

Operator response: If the server is behaving normally you can safely ignore this message. If the Web Administration Tool displays unexpected results, contact the directory server administrator.

GLPWDM003E An error occurred while adding entry *entry DN* : error.

Explanation: An error might have occurred for one of the following reasons:

1. The DN being added would modify a read-only tree.
2. The DN being added is incorrect.
3. The logged-in user does not have permission to add an entry at the specified location.
4. The parent entry of the specified DN does not exist.
5. Synchronization and serialization issues caused a problem.

Refer to the Java exception for more information.

Operator response: Contact the directory server administrator.

GLPWDM004E An error occurred while deleting the entry *DN*.
The logged in user cannot delete that user's own entry.

Explanation: Same as above

Operator response: Contact the directory server administrator to remove the account.

GLPWDM005E An error occurred while deleting entry *entry DN*: error.

Explanation: An error might have occurred for one of the following reasons:

1. The DN being added would modify a read-only tree.
2. The logged-in user does not have permission to add an entry at the specified location.
3. The parent entry of the specified DN does not exist.
4. Synchronization and serialization issues caused a problem.
5. The LDAP data specified for deletion does not conform to the naming syntax.

Refer to the Java exception for more information.

Operator response: Try to perform the operation again. If the error persists, contact the directory server administrator.

GLPWDM006E The language tag already exists: *tag*.

Explanation: The specified language tag is already added to the directory server.

Operator response: Specify a new language tag that does not exist in the directory server.

GLPWDM007E Entry already exists: *entry DN*.

Explanation: The specified entry already exists.

Operator response: Specify a new value that is not present in the directory server.

GLPWDM008E The user already exists: *user DN*.

Explanation: The specified user is already a member of the group.

Operator response: Type a valid user name, which is not part of the group already, from the realm.

GLPWDM009E The group already exists: *user DN*.

Explanation: The user is already a member of the specified group.

Operator response: Type a valid group name, of which the user is not a member, from the corresponding realm.

GLPWDM010E Cannot delete non-leaf node entry *entry DN*.

Explanation: An attempt was made to remove an entry that has entries below it in the tree that are in use by some other operation.

Operator response: Try again later, when the child nodes are not in use by another operation and can be deleted. If the problem persists, try deleting all the child nodes first, and then delete the current node.

GLPWDM011E Missing required attributes on entry *entry DN: error*.

Explanation: All required attributes must be present when updating an entry in the directory server. The error occurred because some of the required attributes did not have any value.

Operator response: Specify values for all required attributes and then try saving the modifications.

GLPWDM012E Error: Entry *entry DN* does not exist.

Explanation: The deletion operation failed because the entry to be deleted does not exist in the directory server.

Operator response: The entry might be absent for one of the following reasons:

1. The specified entry was deleted earlier by some other operation and the current page displays old data. Refresh the page to view the latest data.
 2. The user might have specified an incorrect entry. Type the entry to be deleted again.
-

GLPWDM013E The current operation cannot continue.

Explanation: The current operation cannot continue. The operation reached a state where the initial namespace has changed, and the operation must be terminated.

Operator response: Contact the directory server administrator for more information.

GLPWDM014E An error occurred opening the context for server *server name: error*.

Explanation: An error might have occurred for one of the following reasons:

1. The logged-in user does not have permission to look up LDAP data.
2. The specified directory server is not running or is unreachable.
3. The specified directory server does not support the requested directory operation.
4. Synchronization and serialization issues caused a problem.
5. There is another problem creating the initial context. Contact the directory server administrator.

Operator response: Contact the directory server administrator.

GLPWDM015E An error occurred while retrieving attributes for entry : *error*.

Explanation: An error occurred while retrieving the attributes from the directory server. One of the following might have occurred:

1. The logged-in user does not have permission to look up LDAP data.
2. The DN whose attributes are being retrieved is incorrect or has incorrect syntax or attribute values.
3. The directory server is down or unreachable.
4. Synchronization and serialization issues caused a problem.

Operator response: Contact the directory server administrator.

GLPWDM016E An error occurred setting attributes for entry : *error*.

Explanation: An error occurred while modifying the directory server data for one of the following reasons:

1. The logged-in user does not have authorization to modify the data.
2. There is a problem such as network connectivity to the server, incorrect attribute values, or incorrect DN, while modifying the data.

Operator response: Specify valid values and then try to save the modified data in the directory server. If the error persists, contact the directory server administrator.

GLPWDM017E Editing RDN entry *entry DN* failed.

Explanation: The new RDN™ specified might be incorrect. See the IBM Tivoli Directory Server Administration Guide for information about valid DN syntax.

Operator response: Specify a valid RDN.

GLPWDM018E An error occurred renaming entry *entry DN*: error.

Explanation: An error might have occurred for one of the following reasons:

1. The DN being added would modify a read-only tree.
2. The logged-in user does not have permission to modify an entry at the specified location.
3. Synchronization and serialization issues caused a problem.

Operator response: Contact the directory server administrator.

GLPWDM019E The context was null on entry *entry DN*.

Explanation: The context, required for performing directory server operations, is null. No further directory operations can be carried out.

Operator response: Try the operation again. If the error persists, log in to the Web Administration Tool again. If the problem still persists, contact the directory server administrator.

GLPWDM020E An error occurred while performing a search operation on the directory server.

Explanation: The error might have occurred for one of the following reasons:

1. The directory context is null or the server is not running or unreachable.
2. The logged-in user does not have authorization to access the search query results.
3. The specified entries are incorrect or have incorrect syntax.
4. An unknown problem occurred. Contact the directory server administrator for more information.

Operator response: Contact the directory server administrator.

GLPWDM021I This entry already contains filtered ACLs. First remove all filtered ACLs.

Explanation: No additional information is available for this message.

GLPWDM022E An error occurred while retrieving attributes for the rootDSE search on server *server name*: error

Explanation: An error occurred while retrieving the rootDSE attributes from the directory server. The server might be down.

Operator response: If the server is not running, start the server. If the error persists, contact the directory server administrator.

Administrator Response: Contact IBM Software Support.

GLPWDM023E Unable to read any naming context from the directory server.

Explanation: An error occurred while retrieving the naming contexts from the directory server.

Operator response: Contact the directory server administrator.

GLPWDM024E Unable to read any subschemaSubentry from the directory server.

Explanation: The schema is published as part of the directory information, and is available in the Subschema entry. An error occurred while retrieving the entry from the directory server.

Operator response: Contact the directory server administrator.

Administrator Response: Set the subschemaSubentry value in the rootDSE of the directory server.

GLPWDM025I No RootDSE attributes were returned from *server name*.

Explanation: No additional information is available for this message.

GLPWDM026E An error occurred searching server *server name: error*.

Explanation: The error might have occurred for one of the following reasons:

1. The search filter specified is not supported or not understood by the directory server.
2. The search controls contain incorrect settings.
3. The specified entries to search are incorrect or have incorrect syntax.
4. The LDAP data being accessed has incorrect data, incorrect naming attributes, or incorrect entries.
5. Synchronization and serialization issues caused a problem.

Operator response: Contact the directory server administrator.

GLPWDM027E An error occurred while browsing search results for server *server name: error*.

Explanation: This error occurs when a method produces a result that exceeds a size-related limit. This can happen, for example, if the result contains more objects than the user requested, or when the size of the result exceeds an implementation-specific limit. See the Java exception for more details.

Operator response: Contact the directory server administrator.

GLPWDM028W An error occurred while retrieving entries. The server does not support paging, sorting, or both. Displaying the first *number* entries: *error*.

Explanation: The server does not support paging or sorting or both. The first entries are being displayed.

Operator response: Contact the directory server administrator.

GLPWDM029E The search base DN *entry DN* does not exist.

Explanation: The search base DN does not exist in the directory server.

Operator response: If the user specified a nonexistent search base, specify a valid existing search base. Otherwise, contact the directory server administrator.

GLPWDM030E Encountered unknown attribute: *attribute ID*.

Explanation: An unknown attribute was encountered. The attribute is not part of the directory server schema.

Operator response: Contact the directory server administrator.

GLPWDM031I This entry already contains non-filtered ACLs. First remove all non-filtered ACLs.

Explanation: No additional information is available for this message.

GLPWDM032E Incorrect input ACL DN.

Explanation: The specified Subject DN and Subject type combination might be incorrect.

Operator response: Type a valid Subject DN and Subject type.

GLPWDM033E Error: incorrect input *ACL DN details*.

Explanation: A Subject DN was specified that does not conform to standards. See the IBM Tivoli Directory Server Administration Guide for information about valid DN syntax.

Operator response: Specify valid ACL DN details.

GLPWDM034I The task cannot be completed at this time. Click OK to return to the previous panel and then click Next to continue with the task.

Explanation: No additional information is available for this message.

GLPWDM035W Are you sure you want to delete the entry : *entry*?

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

Operator response: Click OK to delete the selected entry or Cancel to cancel the delete operation.

GLPWDM036W Are you sure you want to delete the selected static group DN?

Explanation: Continuing with this operation will delete the selected static group DN under the selected suffix.

Operator response: Click OK to delete the selected static group DN or Cancel to cancel the delete operation.

GLPWDM037W Are you sure you want to delete the selected member?

Explanation: Continuing with this operation will delete the selected member from the group.

Operator response: Click OK to delete the selected member or Cancel to cancel the delete operation.

GLPWDM038W Are you sure you want to delete the selected entry?

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

Operator response: Click OK to delete the selected entry or Cancel to cancel the delete operation.

GLPWDM039W Are you sure you want to delete the selected non-leaf node and all its children?

Explanation: Continuing with this operation will delete the selected non-leaf node and all its children from the directory.

Operator response: Click OK to delete the selected non-leaf node and all its children or Cancel to cancel the delete operation.

GLPWDM040I No search results were found.

Explanation: No additional information is available for this message.

GLPWDM041E A leaf node cannot be expanded.

Explanation: The selected entry is a leaf node. Only non-leaf nodes can be expanded.

Operator response: Select a non-leaf node to expand and display the child nodes.

GLPWDM042E Incorrect group name.

Explanation: The specified group does not exist in the realm corresponding to the current user.

Operator response: Specify a valid group name that exists in the realm corresponding to the current user.

GLPWDM043E Select an attribute from the Available attributes list to add to the Selected required attributes list.

Explanation: An entry must be selected from the Available attributes list for the add operation. No entry was selected.

Operator response: Select an entry from the Available attributes list for the add operation to be successful.

GLPWDM044E Select an attribute to be removed from the Selected required attributes list.

Explanation: An entry must be selected from the Selected required attributes list for the remove operation. No entry was selected.

Operator response: Select an entry from the Selected required attributes list for the remove operation to be successful.

GLPWDM045E Select an attribute from the Selected required attributes list to move it to the Selected optional attributes list.

Explanation: An entry must be selected from the Selected required attributes list for the move operation. No entry was selected.

Operator response: Select an entry from the Selected required attributes list for the move operation to be successful.

GLPWDM046E Select an attribute from the Available attributes list to add to the Selected optional attributes list.

Explanation: An entry must be selected from the Available attributes list for the add operation. No entry was selected.

Operator response: Select an entry from the Available attributes list for the add operation to be successful.

GLPWDM047E Select an attribute to be removed from the Selected optional attributes list.

Explanation: An entry must be selected from the optional attributes list for the remove operation. No entry was selected.

Operator response: Select an entry from the optional attributes list for the remove operation to be successful.

GLPWDM048E Select an attribute from the Selected optional attributes list to move it to the Selected required attributes list.

Explanation: An entry must be selected from the Selected optional attributes list for the move operation. No entry was selected.

Operator response: Select an entry from the Selected optional attributes list for the move operation to be successful.

GLPWDM049E Collapse operation cannot occur. The top-level entries are already displayed.

Explanation: The panel already displays the top-level entries and cannot display a higher level.

Operator response: Collapse operation is not valid.

GLPWDM050E No auxiliary object classes are available to be deleted.

Explanation: The current selected entry does not have any auxiliary object classes associated with it. The delete auxiliary objectclass operation failed.

Operator response: A delete auxiliary objectclass operation cannot be performed on an entry with no auxiliary objectclass.

GLPWDM051E Not a valid user.

Explanation: The specified user does not exist in the realm corresponding to the current group.

Operator response: Specify a valid user name that exists in the realm corresponding to the current group.

GLPWDM052W Are you sure you want to delete the selected auxiliary object classes ?

Explanation: Continuing with this operation will delete the selected auxiliary object classes from the directory server.

Operator response: Click OK to delete the selected auxiliary object classes or Cancel to cancel the delete operation.

GLPWDM053E Cannot read all ACL information. Contact the directory server administrator to check the ACLs for this entry.

Explanation: The logged-in user does not have read and search permission for ACL information.

Operator response: Contact the directory server administrator.

GLPWDM054E Cannot read all Owner information. Contact the directory server administrator to check the owners on this entry.

Explanation: The logged-in user does not have read and search permission for owner information.

Operator response: Contact the directory server administrator.

GLPWDM055E The syntax of the language tag is incorrect.

Explanation: The language tag must start with lang- (for example, lang-en-US) and must be less than 240 characters in length. The language tag cannot contain a digit between two hyphens.

Operator response: Specify a valid language tag.

GLPWDM056E Enter a search condition.

Explanation: The search filter field for the manual search is empty.

Operator response: Type a valid search filter in the field beside manual search.

GLPWDM057E Enter a search condition.

Explanation: No search filters were specified for the advanced search. The search filter table beside the Advanced search option is empty.

Operator response: Click the Add button at the top of the search filter table and add a filter before attempting to search the directory server entries.

GLPWDM058E This value already exists. Add a different value.

Explanation: The entry already exists. Provide a different entry.

Operator response: Provide a different entry, which does not exist already, to add.

GLPWDM059E No value was specified for the Value field.

Explanation: The Value field on the Add filter panel is empty.

Operator response: Specify a valid value for the Value field on the Add filter panel.

GLPWDM060E • GLPWDM069E

GLPWDM060E No value is specified for the Subject DN field on the Owners panel.

Explanation: The Subject DN field of the Owner panel is empty.

Operator response: Specify a valid value for the Subject DN field on the Owners panel.

GLPWDM061E No value is specified for the Group DN field on the Static memberships panel.

Explanation: The Group DN field of the Static memberships panel is empty.

Operator response: Specify a valid value for the Group DN field on the Static memberships panel.

GLPWDM062E No value is specified for the attribute to be added on the Enter multiple values panel.

Explanation: The value to be added for the given attribute is empty.

Operator response: Specify a valid value to add for the attribute.

GLPWDM063E No value is specified for the given attribute in the Value field on the Language tag values panel.

Explanation: The language tag value to be added for the given attribute is empty in the Value field.

Operator response: Specify a valid language tag value to add for the given attribute.

GLPWDM064E No value is specified for the Nested group DN field on the Nested groups panel.

Explanation: The Nested group DN field of the Nested groups panel is empty.

Operator response: Specify a valid value for the Nested group DN field.

GLPWDM065E No value is specified for the member field of Static group members panel.

Explanation: The member field on the Static group members panel must be specified.

Operator response: Specify a valid value for the member field.

GLPWDM066E No value is specified for the uniqueMember field on the Static group members panel.

Explanation: The uniqueMember field on the Static group members panel is not specified.

Operator response: Specify a valid value for the uniqueMember field.

GLPWDM067E All fields on the Required attributes page are required.

Explanation: All attributes on the Required attributes page must be specified. Some of the required attributes had no value.

Operator response: Specify values for all attributes on the Required attributes page and then save the changes.

GLPWDM068E The RDN must be provided.

Explanation: The Relative DN field on the Edit attributes panel must be specified.

Operator response: Specify a valid value for the Relative DN field.

GLPWDM069E Select at least one auxiliary object class for deletion.

Explanation: An auxiliary objectclass must be selected for the delete operation to be successful. No auxiliary objectclass was selected.

Operator response: Select an auxiliary objectclass for the delete operation.

GLPWDM070E All the users under the realm are already members of the selected group. No more users can be added to this group.

Explanation: Same as above.

Operator response: All the users under the realm are already added to the selected group. To add a different user to the group, add that user to the associated realm and then to the group.

GLPWDM071E ACLs cannot be edited for entries under cn=configuration

Explanation: ACLs are not defined and cannot be edited for entries under cn=configuration.

Operator response: You cannot edit ACLs for entries under cn=configuration.

GLPWDM072E The DN *Subject DN* is not valid for the type *Subject Type*.

Explanation: The following combinations of Subject DN and Subject type for owners are not valid.

1. Subject DN cn=this and Subject type group.
2. Subject DN cn=anybody and Subject type access-id.
3. Subject DN cn=authenticated and Subject type access-id.

The Subject DN cn=this is valid for the Subject type access-id and role. The Subject DNs cn=anybody and cn=authenticated are valid for the Subject type group and role.

Operator response: Enter a valid combination of Subject DN and Subject type.

GLPWDM073E The current server data will be loaded. However, there are pending changes that are not yet saved in the current group memberships table of the Static memberships panel. Do you want to make these changes?

Explanation: Changes to the current group memberships table of Static memberships panel have not been saved in the directory server. Continuing with this operation will display the current directory server data along with the entries still pending to be saved to the directory server. Canceling the operation will only display the current server data; the unsaved data in the table will be lost.

Operator response: Click OK to display the current server data along with the unsaved entries in the member table, or click Cancel to load only the current server data.

GLPWDM074E The current server data will be loaded. However, there are pending changes that are not yet saved in the static group members table of the Static group members panel. Do you want to retain these changes?

Explanation: Changes to the static group members table of the Static group members panel have not yet been saved in the directory server. If you continue with this operation, the current directory server data, along with the entries still pending to be saved to the directory server, will be displayed. If you cancel the operation, the current server data will be displayed and the unsaved data in the table will be lost.

Operator response: Click OK to display the current server data along with the unsaved entries in the member table, or click Cancel to load only the current server data.

GLPWDM075E The current server data will be loaded. However, there are pending changes that are not yet saved in the unique members table of Static group members panel. Do you want to retain these changes?

Explanation: Changes to the unique members table of the Static group members panel have not yet been saved in the directory server. If you continue with this operation, the current directory server data, along with the entries still pending to be saved to the directory server, will be displayed. If you cancel the operation, the current server data will be displayed and the unsaved data in the table will be lost.

Operator response: Click OK to display the current server data along with the unsaved entries in the member table, or click Cancel to load only the current server data.

GLPWDM076E • GLPWDM084E

GLPWDM076E The selected entry is not a group. This option is not valid. Select a group entry or make this entry a group by adding appropriate auxiliary classes.

Explanation: The Manage Members option is valid only for group entries. The selected entry is not a group.

Operator response: Select a group entry or make this entry a group by adding appropriate auxiliary classes.

GLPWDM077E Incorrect DN entry. Specify a valid DN.

Explanation: The specified DN entry is incorrect. An error occurred while parsing the specified DN in the directory server.

Operator response: Specify a valid DN entry.

GLPWDM078W The directory server entries have not been loaded into the table. Only the user changes will be removed from the table. Are you sure you want to remove all the entries in the table?

Explanation: Continuing with this operation will remove all the entries in the table.

Operator response: Click OK to remove all the entries in the table.

GLPWDM079E Cannot remove a MUST attribute: *attribute name*

Explanation: The specified attribute is a MUST attribute and cannot be empty.

Operator response: The specified attribute cannot be removed.

GLPWDM080E Are you sure you want to remove all the table entries?

Explanation: Continuing with this operation will remove all the entries from the table.

Operator response: Click OK to remove all the table entries or Cancel to cancel the remove operation.

GLPWDM081E Possible duplicate value(s) exist for *attribute name* attribute on the server: *server name*

Explanation: One or more of the attribute values to be added to the directory server attribute already exist in the server. Cannot add an already existing attribute value.

Operator response: Remove the duplicate attribute value from the table and then save the data into the directory server.

GLPWDM082E One or more of the entries selected in the table already exist and will be ignored.

Explanation: Some of the entries selected in the table already exist. Duplicate entries are not allowed. These entries will not be added.

Operator response:

GLPWDM083E The value entered is not a valid static group DN. Specify a valid static group entry.

Explanation: The specified Group DN value is not a valid static group entry.

Operator response: Specify a valid static group entry.

GLPWDM084E An error occurred in the Referral panel while retrieving the list of attributes from the directory server.

Explanation: An error occurred while retrieving the attributes from the directory server. One of the following errors might have occurred:

1. The logged-in user does not have permission to look up LDAP data.
2. The DN whose attributes are to be retrieved are incorrect or have incorrect syntax or attribute values.
3. The directory server is down or unreachable.
4. Synchronization and serialization issues caused an error.

Operator response: Contact the directory server administrator.

GLPWDM085E Incorrect Base DN.

Explanation: The Base DN value is incorrect. See the IBM Tivoli Directory Server Administration Guide for information about valid DN syntax.

Operator response: Type a valid Base DN.

GLPWDM086E Malformed referral URL.

Explanation: A well-formed referral URL consists of host, port, DN, attributes, scope and filter. A valid referral URL starts with either "ldap" or "ldaps" followed by "://". It is followed by a valid hostname and port number. The parameters DN, attributes, scope and filter are optional. A valid referral URL is "ldap://server1.com:389/ou=austin,o=ibm,c=us?cn,sn,description?base?objectclass="

Operator response: Specify valid referral URL components.

GLPWDM087E Date format is incorrect. Provide the date value in *date format* format for column "*column*".

Explanation: The specified date is not in a valid format. The date must be in the format shown.

Operator response: Specify the date value in the format shown.

GLPWDM088W Are you sure you want to delete the selected binary data entry?

Explanation: Continuing with this operation will delete the selected binary data entry.

Operator response: Click OK to delete the selected binary data entry or Cancel to cancel the delete operation.

GLPWDM089E File cannot be uploaded on Web server or file not found.

Explanation: The file cannot be uploaded on the Web server. The file path might be incorrect, or there might be a problem uploading the specified file because of size restrictions or a network problem.

Operator response: Verify that the file path is valid and that the Web server is reachable through network, and then click Submit.

GLPWDM090I File uploaded successfully on the Web server.

Explanation: No additional information is available for this message.

GLPWDM091E Select a binary data entry to delete.

Explanation: Binary data entry is required to be selected for deletion operation.

Operator response: Select a binary data entry.

GLPWDM092E Select only one binary data entry to export.

Explanation: Binary data entry is required to be selected for export operation.

Operator response: Select a binary data entry.

GLPWDM093I This is a single-valued attribute. Only one entry can be imported.

Explanation: No additional information is available for this message.

GLPWDM094I Encryption of any existing data will take place at the next server restart. This conversion might take a long time.

Explanation: No additional information is available for this message.

GLPWDM095I Some changes were saved. Schema modification for the following attributes could not be saved.
attribute list

Explanation: No additional information is available for this message.

GLPWDM096W Are you sure you want to remove all the encrypted attributes?

Explanation: Continuing with this operation will remove all the encrypted attributes.

Operator response: Click OK to remove all the encrypted attributes or Cancel to cancel the remove operation.

GLPWDM097E Not a valid realm location. The Parent DN field value is not allowed.

Explanation: An error might have occurred for one of the following reasons:

1. The following DNs are not allowed as realm locations:

- a. cn=changelog
- b. cn=configuration
- c. cn=localhost
- d. cn=pwdpolicy
- e. cn=schema

The Parent DN field might have one of the listed DNs as its value.

2. The specified Parent DN might not exist in the directory server.

Operator response: While adding a realm, specify a valid realm location.

If the error messages occurred while performing some other operation on an existing realm, contact the directory server administrator.

GLPWDM098I A realm or a entry with the same name already exists.

Explanation: No additional information is available for this message.

GLPWDM099E Not a valid template location. The Parent DN field value is not allowed.

Explanation: An error might have occurred for one of the following reasons:

1. The following DNs are not allowed as template locations:

- a. cn=changelog
- b. cn=configuration
- c. cn=localhost
- d. cn=pwdpolicy
- e. cn=schema

The Parent DN field might have one of the listed DNs as its value.

2. The specified Parent DN might not exist in the directory server.

Operator response: While adding a template, specify a valid template location. If the error messages occurred while performing some other operation on an existing template, contact the directory server administrator.

GLPWDM100E A template or entry with the same name already exists in the specified location.

Explanation: The specified template name was already added to the directory server at the specified location.

Operator response: Specify a new template name, which does not exist at the specified location.

GLPWDM101E Incorrect administrator group container location.

Explanation: An error might have occurred for one of the following reasons:

1. The following DNs are not allowed as administrator group container locations:
 - a. cn=changelog
 - b. cn=configuration
 - c. cn=localhost
 - d. cn=pwdpolicy
 - e. cn=schema

The Administrator group field might have one of the listed DNs as its value.

2. The specified container DN for administrative groups does not exist in the directory server.

Operator response: Specify a valid administrator group container location.

GLPWDM102E Incorrect user container location.

Explanation: An error might have occurred for one of the following reasons:

1. The following DNs are not allowed as user container locations:
 - a. cn=changelog
 - b. cn=configuration
 - c. cn=localhost
 - d. cn=pwdpolicy
 - e. cn=schema

The User container field might have one of the listed DNs as its value.

2. The specified User container field value might not exist in the directory server.

Operator response: Specify a valid user container location.

GLPWDM103E Not a valid group container location.

Explanation: An error might have occurred for one of the following reasons:

1. The following DNs are not allowed as group container locations:
 - a. cn=changelog
 - b. cn=configuration
 - c. cn=localhost
 - d. cn=pwdpolicy
 - e. cn=schema

The Group container field might have one of the listed DNs as its value.

2. The specified Group container field value might not exist in the directory server.

Operator response: Specify a valid group container location.

GLPWDM104E This template is in use by one or more realms and cannot be deleted.

Explanation: The selected template cannot be deleted. A template being referred by one or more realms in the directory server cannot be deleted.

Operator response: Delete the realms that refer to the selected template or disassociate the referring realms from the selected template, so that no existing realm refers to the selected template any more. Then attempt to delete the selected template again.

GLPWDM105E • GLPWDM113E

GLPWDM105E The specified administrator group is not a group.

Explanation: A group must have at least one of the following attributes: member, memberurl, uniquemember, or ibm-membergroup. The specified administrator group is not a group because it does not contain any of the required attributes.

Operator response: Specify a valid group name as a value for the administrator group.

GLPWDM106E The selected *tab name* tab cannot be moved.

Explanation: The specified tab cannot be moved because this tab will not be displayed to the user. This tab contains attributes that will not be displayed to the user.

Operator response: This tab cannot be moved. To display the attributes of this tab, move the attributes of the tab to some other tab.

GLPWDM107E The selected tab cannot be moved down because the tab is already at the bottom of the list.

Explanation: The selected tab cannot be moved down. The tab is already at the bottom of the list. The [Not displayed] tab cannot be moved.

Operator response: The selected tab cannot be moved down.

GLPWDM108E A tab with this name already exists.

Explanation: The specified tab name is already added to the template.

Operator response: Specify a new tab name, which does not exist in the template.

GLPWDM109E The tab name cannot be renamed. A tab with this name already exists.

Explanation: The specified tab name already exists in the template.

Operator response: Specify a new tab name, which does not exist in the template.

GLPWDM110W Are you sure you want to delete the selected tab?

Explanation: Continuing with this operation will delete the selected tab.

Operator response: Click OK to delete the selected tab or Cancel to cancel the delete operation.

GLPWDM111E The tabs NOT_DISPLAYED and REQUIRED cannot be deleted.

Explanation: The tabs [NOT_DISPLAYED] and REQUIRED are required tabs. These tabs cannot be deleted.

Operator response: You cannot delete the NOT_DISPLAYED and REQUIRED tabs.

GLPWDM112E All required attributes must be on a displayed tab.

Explanation: Some of the required attributes are not displayed on any of the displayed tabs. The displayed tabs are all tabs except the [Not displayed] tab.

Operator response: View the required attributes in the [Not displayed] tab that are not on any of the displayed tabs. Move these attributes to any of the displayed tabs or create a new tab to display them.

GLPWDM113E No naming attribute was found in the selected object classes. Select object classes with at least one naming attribute.

Explanation: A naming attribute is an attribute that has one of the following syntaxes:

1. Directory String syntax
2. IA5 String
3. Integer syntax - integral number

There must be at least one naming attribute in the selected objectclasses.

Operator response: Select objectclasses with naming attributes.

GLPWDM114E There is no template associated with this realm

Explanation: A realm must have templates for the creation of users. A group can be created without a template, but it cannot have any users.

Operator response: Add a template to the associated realm before managing the users and groups.

GLPWDM115E An error occurred while adding the user to the group.

Explanation: An error occurred while adding the user as the member of the group.

Operator response: Contact the directory server administrator.

GLPWDM116E An error occurred while removing the user from the group.

Explanation: An error occurred while removing the user from membership of the group.

Operator response: Contact the directory server administrator.

GLPWDM117E No realms were found. Add a realm and then display the selected panel.

Explanation: The selected panel will be displayed, if there is at least one realm in the directory server.

Operator response: Add a realm before displaying the selected panel.

GLPWDM118I Length field value is out of range. It must be up to 2,000,000,000 for binary syntax and 32,700 for other syntaxes.

Explanation: No additional information is available for this message.

GLPWDM119E Some of the changes could not be saved.

Explanation: Some of the changes were not saved. An error might have occurred for one of the following reasons:

1. There might be a problem connecting to the server.
2. The input value specified might be incorrect.
3. There is another error performing the requested operation. View log files for more information about the error. For assistance, contact IBM Software Support.

Operator response: Verify that you are connected to the server and that the input value is correct. For more assistance, contact IBM Software Support.

GLPWDM120W The entry *entry DN* has been successfully added. Would you like to add a similar entry?

Explanation: Continuing with this operation will allow you to add one more entry.

Operator response: Click Yes to add one more entry or No to return to the panel.

GLPWDM121E Select an object class.

Explanation: At least one object class must be selected before navigating to the next panel. An error occurred because an object class was not selected.

Operator response: Select an object class and then click Next.

GLPWDM122E No value was specified for the Value field.

Explanation: The Value field on the multiple values is empty.

Operator response: Specify a valid value for the Value field.

GLPWDM123I Entry deleted successfully.

Explanation: No additional information is available for this message.

GLPWDM124E Select a role for the administrative group member.

Explanation: At least one role must be selected for the administrative group member. A role was not defined for the administrative group member.

Operator response: Select a role for the administrative group member or clear the administrative role check box to create an administrative group member with no special authority.

GLPWDM125E Member *member* does not exist in the Directory Information Tree (DIT).

Explanation: A non-existing entry is added as a member of a group.

Operator response: Verify that an entry with the given DN exists in the DIT.

GLPWDM126W Not all values are fetched for this entry. Displaying *number of values fetched* of *total number of values* total values.

Explanation: A limit is set in the Web Administration Tool for the maximum number of attribute values to be fetched for an attribute and for an entry. As a result of the limit, all the attribute values of the selected entry are not fetched.

Operator response: Remove the limit on the maximum number of attribute values to be fetched for an attribute and for an entry, to view all the attribute values of the entry. The limiting value can be modified through the Manage properties for webadmin searches panel of Console administration login.

GLPWDM127E Incorrect search filter *filter* for users in the realm *realm name* : *error message*.

Explanation: An incorrect filter was specified for the realm.

Operator response: Specify a valid filter for the realm. e.g. (cn=user*)

GLPWDM128E Illegal combination for the attribute.

Explanation: The combination being for the attribute is illegal. e.g. An attribute which is not encrypted cannot return encrypted values.

Operator response: Try a valid combination of settings.

GLPWDM129E Are you sure you want to delete selected ACL objects ?

Explanation: Continuing with this operation will delete the selected ACL objects.

Operator response: Click OK to delete the selected ACL objects or click Cancel to cancel the deletion operation.

GLPWDM001E Select a node in the tree.

Explanation: A node must be selected to perform the requested operation.

Operator response: Select a node and then retry the operation.

GLPWDM002E Failed to suspend replication for selected replication agreement.

Explanation: The extended operation on the server to change the replication queue to the suspended state failed.

Operator response: The error might have occurred for one of the following reasons:

1. The server might be down. Check to be sure that the server is running and reachable through the network.
 2. There is an error with the control replication extended operation. Contact IBM Software Support.
-

GLPWRM003E Failed to resume replication for selected replication agreement.

Explanation: The extended operation on the server to change the replication queue to the resumed state failed.

Operator response: The error might have occurred for one of the following reasons:

1. The server might be down. Check to be sure that the server is running and reachable through the network.
2. There is an error with the control replication extended operation. Contact IBM Software Support.

GLPWRM004E Failed to force replication for selected replication agreement.

Explanation: The extended operation on the server to force replication for the selected replication queue failed.

Operator response: The error might have occurred for one of the following reasons:

1. The server might be down. Check to be sure that the server is running and reachable through the network.
2. There is an error with the control replication extended operation. Contact IBM Software Support.

GLPWRM005E Failed to skip the blocking unreplicated change for the selected replication agreement.

Explanation: The extended operation on the server to skip the blocking unreplicated change for the selected replication agreement failed.

Operator response: The error might have occurred for one of the following reasons:

1. The server might be down. Check to be sure that the server is running and reachable through the network.
2. There is an error with the control replication queue extended operation. Contact IBM Software Support.

GLPWRM006E Failed to skip all unreplicated changes for selected replication agreement.

Explanation: The extended operation on the server to skip all unreplicated changes for the selected replication agreement failed.

Operator response: The error might have occurred for one of the following reasons:

1. The server might be down. Check to be sure that the server is running and reachable through the network.
2. There is an error with the control replication queue extended operation. Contact IBM Software Support.

GLPWRM007I The manage topology function will now collect information for agreements from the other master servers to replicate to this replica.

Explanation: No additional information is available for this message.

GLPWRM008E Failed to configure subtree as a replication context.

Explanation: Unable to add the `ibm-replicationContext` auxiliary object class to the subtree. This subtree was not configured as a replication context.

Operator response: The error might have occurred for one of the following reasons:

1. The subtree is already configured for replication.
2. The subtree entry specified does not exist in the DIT. Check whether the subtree entry exists in the DIT.
3. There is another error adding the objectclass to the given subtree entry. Contact IBM Software Support.

GLPWRM009E Failed to modify the selected replication context.

Explanation: Unable to add or edit the `ibm-replicareferralurl` attribute for the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The subtree entry does not have permission for the user to add or modify attribute `ibm-replicareferralurl`. Check whether the subtree entry has permission for the user to edit this attribute.
2. There is another error editing this subtree entry. Contact IBM Software Support.

GLPWRM010E Unable to add the default group under the replicated subtree.

Explanation: Unable to add the entry `ibm-replicaGroup=default` with objectclass `ibm-replicagroup` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The entry already exists in the DIT.
 2. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry.
 3. There is another error adding entry `ibm-replicaGroup=default` under the subtree. Contact IBM Software Support.
-

GLPWRM011E Connected to Admin Daemon. Replication management cannot function in this mode.

Explanation: The Directory Server is not running. The Web Administration tool is connected to the administration daemon. In this mode, all the replication management functions are not available.

Operator response: Start the Directory Server in normal mode; then retry the replication management function.

GLPWRM012E Unable to add the subentry: *subentry*.

Explanation: Unable to add the entry with objectclass `ibm-replicasubentry` under the selected subtree. This is required to create a master server or forwarder server in the topology.

Operator response: The error might have occurred for one of the following reasons:

1. The entry already exists in the DIT.
 2. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry.
 3. There is another error adding the entry with objectclass `ibm-replicasubentry` under the subtree. Contact IBM Software Support.
-

GLPWRM013E Unable to delete the subentry: *subentry*.

Explanation: Unable to delete the entry with objectclass `ibm-replicasubentry` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to delete this entry. Check whether the subtree entry has permission for the user to delete this entry.
 2. The subtree to which this entry belongs to may be quiesced. Unquiesce the subtree and try again.
 3. There is another error deleting the entry with objectclass `ibm-replicasubentry` under the subtree. Contact IBM Software Support.
-

GLPWRM014E Unable to add the agreement: *agreement name*.

Explanation: Unable to add the entry with objectclass `ibm-replicationAgreement` under the selected subtree. This is required to create a replica server in the topology.

Operator response: The error might have occurred for one of the following reasons:

1. The entry already exists in the DIT.
 2. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry.
 3. There is another error adding the entry with objectclass `ibm-replicationAgreement` under the subtree. Contact IBM Software Support.
-

GLPWRM015E Unable to edit the agreement: *agreement name*.

Explanation: Unable to edit the entry with objectclass `ibm-replicationAgreement` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry.

2. There is another error editing attributes of the entry with the objectclass `ibm-replicasubentry` under the subtree. Contact IBM Software Support.

GLPWRM016E Unable to delete the agreement: *agreement name.*

Explanation: Unable to delete the entry with objectclass `ibm-replicationAgreement` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to delete this entry. Check whether the subtree entry has permission for the user to delete this entry.
2. There is another error deleting the entry with objectclass `ibm-replicasubentry` under the subtree. Contact IBM Software Support.

GLPWRM017E Unable to add the daily schedule: *schedule name.*

Explanation: Unable to add the entry with objectclass `ibm-replicationdailyschedule` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The entry already exists in the DIT.
2. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry.
3. There is another error adding the entry with objectclass `ibm-replicationdailyschedule` under the subtree. Contact IBM Software Support.

GLPWRM018E Unable to edit the daily schedule: *schedule name.*

Explanation: Unable to edit the entry with the objectclass `ibm-replicationdailyschedule` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry.
2. There is another error editing the attributes of the entry with objectclass `ibm-replicationdailyschedule` under the subtree. Contact IBM Software Support.

GLPWRM019E Unable to copy the daily schedule: *schedule name.*

Explanation: Unable to add the entry with objectclass `ibm-replicationdailyschedule` under the destination subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The entry already exists in the destination subtree.
2. The user does not have permission to add this entry. Check whether the destination subtree entry has permission for the user to add this entry.
3. There is another error adding the entry with objectclass `ibm-replicationdailyschedule` under the destination subtree. Contact IBM Software Support.

GLPWRM020E Server is running in configuration only mode. Replication management cannot function in this mode.

Explanation: The directory server is running in configuration only mode. In this mode, replication management tasks are not available.

Operator response: If an error caused the directory server to start in configuration only mode, correct the error and start the directory server in normal mode; then retry replication management functions.

GLPWRM021E Unable to add the weekly schedule: *schedule name.*

Explanation: Unable to add the entry with the objectclass `ibm-replicationweeklyschedule` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The entry already exists in the DIT.

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2. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry.
3. There is another error adding the entry with objectclass `ibm-replicationweeklyschedule` under the subtree. Contact IBM Software Support.

GLPWRM022E Unable to edit the weekly schedule: *schedule name*.

Explanation: Unable to edit the entry with objectclass `ibm-replicationweeklyschedule` under the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry.
2. There is another error editing the attributes of the entry with objectclass `ibm-replicationweeklyschedule` under the subtree. Contact IBM Software Support.

GLPWRM023E Unable to delete the replication filter object.

Explanation: Unable to delete the selected replication filter object for the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to delete this entry. Check whether the subtree entry has permission for the user to delete this entry.
2. There is another error deleting the replication filter object under the subtree. Contact IBM Software Support.

GLPWRM024E Unable to edit the replication filter object.

Explanation: Unable to edit the selected replication filter object for the selected subtree.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry.
2. There is another error modifying the replication filter object under the subtree. Contact IBM Software Support.

GLPWRM025E Unable to retrieve the suffixes from the server.

Explanation: The search operation to retrieve the list of suffixes from server failed.

Operator response: The error might have occurred for one of the following reasons:

1. Root DSE search is not working on server.
2. Root DSE of the server is not showing naming contexts.
3. There is another error retrieving suffixes. Contact IBM Software Support.

GLPWRM026E Unable to get the list of available daily schedules from the server.

Explanation: The search operation to get the list of daily schedule objects from the server failed.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to search daily schedule objects.
2. The server is not reachable or is running in configuration only mode.
3. There is another error searching for daily schedule objects. Contact IBM Software Support.

GLPWRM027E Unable to retrieve the list of available weekly schedules from the server.

Explanation: The search operation to retrieve the list of weekly schedule objects from the server failed.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to search weekly schedule objects.
2. The server is not reachable or is running in configuration only mode.
3. There is another error searching for weekly schedule objects. Contact IBM Software Support.

GLPWRM028E Unable to get the list of available credentials from the server.

Explanation: The search operation to retrieve the list of credential objects from the server failed.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to search credential objects.
2. The server is not reachable or is running in configuration only mode.
3. There is another error searching for credential objects. Contact IBM Software Support.

GLPWRM029E Unable to get the server ID of the server you are connected to.

Explanation: Failed to get the server ID for the directory server to which the Web Administration Tool is connected.

Operator response: The error might have occurred for one of the following reasons:

1. The server might have gone down during the operation.
2. The server is not reachable by the Web Administration Tool.

Contact the directory administrator.

GLPWRM030E Unable to get the server ID of the replica server.

Explanation: Failed to get the server ID for the directory server, which is defined as a replica in the topology.

Operator response: The error might have occurred for one of the following reasons:

1. The replica server is down.
2. The replica server is not reachable by the Web Administration Tool.

Check to be sure that the replica server is running and reachable through network by the Web Administration Tool.

GLPWRM031E Unable to get server ID of the master server. A valid server ID must be provided for a peer master topology to work.

Explanation: Failed to get the server ID for the directory server, which is being defined as a master server. A valid server ID is required for the server you are defining as a master server in the topology.

Operator response: The error might have occurred for one of the following reasons:

1. The master server is down.
2. The master server is not reachable by the Web Administration Tool.

Check to be sure that the server is running and reachable through the network by the Web Administration Tool.

GLPWRM032E Unable to get the hostname of the server.

Explanation: Failed to get the hostname from the replica subentry object.

Operator response: The hostname is either not present or not correctly defined in the master server entry of the DIT. Check the entry in the DIT for the server.

GLPWRM033E Unable to add the ibm-slappedSupplier credential object.

Explanation: Failed to add supplier credential object for the subtree in the configuration file.

Operator response: The user does not have access to add the supplier credentials for the subtree or there is another error performing this operation. Contact the directory administrator.

GLPWRM034E Unable to modify the ibm-slappedSupplier credential object.

Explanation: Failed to modify supplier credential object for the subtree in the configuration file.

Operator response: The user does not have access to modify the supplier credentials for the subtree or there is another error performing this operation. Contact the directory administrator.

GLPWRM035E Unable to delete the ibm-slappedSupplier credential object.

Explanation: Failed to delete the supplier credential object for the subtree in the configuration file.

Operator response: The user does not have access to delete the supplier credentials for the subtree or there is another error performing this operation. Contact the directory administrator.

GLPWRM036E Unable to add the ibm-slappedReplication credential object.

Explanation: Failed to add the default supplier credential object in the configuration file.

Operator response: The user does not have access to add default supplier credentials or there is another error performing this operation. Contact the directory administrator.

GLPWRM037E Unable to modify the ibm-slappedReplication credential object.

Explanation: Failed to modify the default supplier credential object in the configuration file.

Operator response: The user does not have access to modify default supplier credentials or there is another error performing this operation. Contact the directory administrator.

GLPWRM038E Unable to delete the ibm-slappedReplication credential object.

Explanation: Failed to delete the default supplier credential object in the configuration file.

Operator response: The user does not have access to delete default supplier credentials or there is another error performing this operation. Contact the directory administrator.

GLPWRM039E Unable to add the simple credential.

Explanation: Failed to add the simple credential object entry with objectclass `ibm-replicationCredentialsSimple` in the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The credential object already exists in the selected container.
 2. The user does not have permission to create the entry in the specified container.
 3. There is another error adding the credential object. Contact the directory administrator.
-

GLPWRM040E Unable to add the replication filter object.

Explanation: Failed to add the filter object entry with objectclass `ibm-replicationFilter` in the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The filter object already exists in the selected container.
 2. The user does not have permission to create the entry in the specified container.
 3. There is another error adding the filter object. Contact the directory administrator.
-

GLPWRM041E Unable to modify the simple credential.

Explanation: Failed to modify the simple credential object entry with objectclass `ibm-replicationCredentialsSimple` in the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to modify the entry in the specified container.
 2. There is another error modifying the credential object. Contact the directory administrator.
-

GLPWRM042E Unable to add the Kerberos credential.

Explanation: Failed to add the Kerberos credential object entry with objectclass `ibm-replicationCredentialsKerberos` in the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The credential object already exists in the selected container.
2. The user does not have permission to create the entry in the specified container.
3. There is another error adding the credential object. Contact the directory administrator.

GLPWRM043E Unable to modify the Kerberos credential.

Explanation: Failed to modify the Kerberos credential object entry with objectclass ibm-replicationCredentialsKerberos in the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to modify the entry in the specified container.
2. There is another error modifying the credential object. Contact the directory administrator.

GLPWRM044E Unable to add the SSL credential.

Explanation: Failed to add the SSL credential object entry with objectclass ibm-replicationCredentialsExternal in the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The credential object already exists in the selected container.
2. The user does not have permission to create the entry in the specified container.
3. There is another error adding the credential object. Contact the directory administrator.

GLPWRM045E Unable to modify the SSL credential.

Explanation: Failed to modify the SSL credential object entry with objectclass ibm-replicationCredentialsExternal in the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to modify the entry in the specified container.
2. There is another error modifying the credential object. Contact the directory administrator.

GLPWRM046E Unable to delete the credential object.

Explanation: Failed to delete the credential object entry from the selected container.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to delete the entry in the specified container.
2. There is another error deleting the credential object. Contact the directory administrator.

GLPWRM047E Unable to add the container object under localhost.

Explanation: Failed to add the container entry "cn=replication, cn=localhost", which holds the replication related credentials, schedule and filter objects.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to add an entry under cn=localhost.
2. There is another error adding the container entry. Contact the directory administrator.

GLPWRM048E Unable to quiesce the subtree.

Explanation: The cascading replication extended operation to quiesce the subtree failed.

Operator response: The error might have occurred for one of the following reasons:

1. The subtree is already in quiesced state.
2. The user does not have permission to quiesce the subtree.
3. There is another error running the cascading control extended operation on the server. Contact the directory administrator.

GLPWRM049E Unable to unquiesce the subtree.

Explanation: The cascading replication extended operation to unquiesce the subtree failed.

Operator response: The error might have occurred for one of the following reasons:

1. The subtree is already in normal state.
 2. The user does not have permission to unquiesce the subtree.
 3. There is another error running the cascading control replication extended operation on server. Contact the directory administrator.
-

GLPWRM050E Unable to get the credential object from the server.

Explanation: Failed to retrieve the replication credential object from the specified container.

Operator response: The error might have occurred for one of the following reasons:

1. The credential object is not present or was deleted from the specified container.
 2. The user does not have permission to search for the credential object.
 3. There is another error retrieving information about credential object. Contact the directory administrator.
-

GLPWRM051E Error in retrieving the enabled capabilities from the root DSE.

Explanation: Failed to get the value for the `ibm-enabledCapabilities` attribute from the `rootDSE` of the given server.

Operator response: Check to be sure that the server is running and reachable through network.

GLPWRM052E Unable to get the values from `cn=replication, cn=configuration`.

Explanation: Failed to read the attributes for entry "`cn=replication, cn=configuration`".

Operator response: The error might have occurred for one of the following reasons:

1. The server is not running or not reachable through the network.
 2. Entry `cn=replication, cn=configuration` does not exist.
 3. There is another error reading the server's configuration file for this entry. Contact the directory administrator.
-

GLPWRM053E Unable to set the values in `cn=replication, cn=configuration`.

Explanation: Failed to set attributes for entry "`cn=replication, cn=configuration`".

Operator response: The error might have occurred for one of the following reasons:

1. The server is not running or not reachable through network.
 2. The user does not have permission to set values under `cn=replication, cn=configuration`.
 3. There is another error setting attributes in the configuration file. Contact the directory administrator.
-

GLPWRM054E Unable to search for the replication container object under localhost.

Explanation: Failed to search for the `cn=replication` container under `cn=localhost`.

Operator response: Check to be sure that the server is running and the user has permission to search entries under `cn=localhost`.

GLPWRM055E Unable to search for the default group under the replicated subtree.

Explanation: Failed to search for entry `ibm-replicaGroup=default` under the replicated subtree.

Operator response: Check to be sure that the server is running and the user has permission to search entries under the replicated subtree.

GLPWRM056E Unable to search for the replicated subtrees under the suffixes.

Explanation: Unable to get the list of defined replication contexts under the given suffix entry.

Operator response: Check to be sure that the server is running and the user has permission to search entries under the given suffix.

GLPWRM057E Unable to convert the string to name.

Explanation: Failed to parse the string DN to JNDI Name.

Operator response: Check to be sure that the DN is correct or contact the directory administrator.

GLPWRM058E Unable to search for the master credential object.

Explanation: Unable to search for master credential objects in cn=configuration.

Operator response: Check to be sure that the server is running and the user has permission to search entries under cn=configuration.

GLPWRM059E Unable to search for the supplier credential objects.

Explanation: Unable to search for supplier credential objects in cn=configuration.

Operator response: Check to be sure that the server is running and the user has permission to search entries under cn=configuration.

GLPWRM060E Unable to search the directory.

Explanation: Failed to search for replication topology entries in the directory information tree.

Operator response: Check to be sure that the server is running and the user has permission to search DIT entries.

GLPWRM061E Daily schedule *daily schedule name* has been deleted.

Explanation: The daily schedule for which the daily schedule details panel was launched was deleted and could not be found.

Operator response: Check to see if the daily schedule object exists. Refresh the screen and try launching the panel again.

GLPWRM062E The selected string is not a schedule.

Explanation: The selected row from the weekly schedule details table does not contain a valid daily schedule.

Operator response: Contact the directory administrator.

GLPWRM063E The cascading replication extended operation failed.

Explanation: The cascading control replication extended operation, which is used to quiesce and unquiesce a subtree, failed. Wait for replication and replicating data now is failed on the specified directory server.

Operator response: Check to see if the user has permission to run the extended operation on the given subtree or agreement. Contact the directory administrator if the problem persists.

GLPWRM064E Server *server name* reported an error from server *server name*.

The logged-in user does not have authority to perform this operation.

Explanation: Failed to run the extended operation on the server because the user does not have the authority to perform the operation.

Operator response: Check the user permissions and try the operation again. Contact the directory administrator if the problem persists.

GLPWRM065E *error message*
replica details
agreement DN details

Explanation: The cascade replication extended operation did not complete in the required time. The replication topology might be incorrectly configured or one of the servers might not be running.

Operator response: Verify that the supplier and consumer replicas are correctly configured and running; then retry the operation.

GLPWRM066E **Replication context is already in the requested state.**

Explanation: The quiesce or unquiesce replicated subtree operation failed because the specified subtree is already in the requested state.

Operator response: Change the state of the subtree and try the operation again. Contact the directory administrator if the problem persists.

GLPWRM067E **The specified change is not the next change to replicate. The server might already have replicated this change.**

Explanation: The change to skip from the replication change table is not the next change in the queue. Failed to skip the change.

Operator response: Check to see if the change is already replicated or deleted from the replication change table. Refresh the panel and try again. Contact the directory administrator if the problem persists.

GLPWRM068E **Server *server name* reported an error from server *server name*.
Operation did not complete within the specified time.**

Explanation: Failed to get the response for the extended operation from the server because the timeout value specified was exceeded.

Operator response: Check to be sure that the server is running and reachable. Retry the operation. Contact the directory administrator if the problem persists.

GLPWRM069E **Replication from supplier replica *supplier replica* to consumer replica *consumer replica* did not complete.**

Explanation: No additional information is available for this message.

GLPWRM070E **Server *server name* reported an error from server *server name*.
Operation failed with result code *result code*.**

Explanation: Extended operation failed on server.

Operator response: Check the return code to look up the reason.

GLPWRM071E **'Create missing parent entries' will only be considered when replication filter DN is specified.**

Explanation: A filter DN must be specified if the 'Create missing parent entries' check box is selected.

Operator response: Either specify a filter DN or clear the 'Create missing parent entries' check box.

GLPWRM072E **Error occurred on the agreement to server *server name*.**

Explanation: Error occurred while running the extended operation on the server for the specified consumer agreement.

Operator response: Contact the directory administrator.

GLPWRM073E Unable to add the container object under IBMpolicies.

Explanation: Failed to add the container entry "cn=replication, cn=IBMpolicies", which holds the replication-related credentials, schedule, and filter objects.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to add an entry under cn=IBMpolicies.
2. There is another error adding the container entry. Contact the directory administrator.

GLPWRM074E Unable to search for the replication container object under IBMpolicies.

Explanation: Failed to search for the cn=replication container under cn=IBMpolicies.

Operator response: Check to be sure that the server is running and the user has permission to search entries under cn=IBMpolicies.

GLPWRM075E Entry already exists in the list.

Explanation: The server entry already exists in the list.

Operator response: Select a different entry to add to the server list.

GLPWRM076E Error occurred setting the gateway and master servers.

Explanation: Failed to add or remove auxiliary object class ibm-replicationGateway to subentries.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to add or remove an auxiliary objectclass for the subentry.
2. The objectclass is already present for the entry where it is being added or not present in the entry from which it is being removed.
3. There is another error during the operation. Contact the directory administrator.

GLPWRM077I The manage topology function will now collect information for agreements that must be created on addition of a new peer master.

Explanation: No additional information is available for this message.

GLPWRM078E Master DN cannot be the same as the administrator DN.

Explanation: Failed to add supplier credentials because the DN for credentials cannot be the same as the administrative DN for the directory server.

Operator response: Use a different DN and try the operation again.

GLPWRM079E Replication error control extended operation failed.

Explanation: Failed to run the replication error control extended operation.

Operator response: The error might have occurred for one of the following reasons:

1. Error retrying or deleting one or all errors from the replication error table.
2. The user does not have the authority to perform the operation.
3. The error being viewed, retried, or deleted does not exist in the replication error table.
4. There is another error during the operation. Refresh the page. If the problem persists, contact the directory administrator.

GLPWRM080E Schedule does not exist or was deleted.

Explanation: Failed to edit, copy, or delete the schedule because it was either deleted from the DIT or moved to a different location.

Operator response: Refresh the panel and perform the operation again.

GLPWRM081E Failed to create topology on consumer *consumer name*. Synchronize the topology on the new server. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for instructions.

Explanation: An error occurred running the replication topology extended operation on the supplier. The topology information was not replicated to the consumer server.

Operator response: Rerun the replication topology extended operation from the command line on the supplier to replicate the topology to the consumer. If that does not work, manually synchronize the topology on two servers. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for instructions. The error might have occurred for one of the following reasons:

1. The consumer server is down and not reachable by the supplier server.
2. The supplier server is not able to connect to the consumer server due to incorrect credentials.
3. Error while adding replication objects on the consumer server.
4. Failed to execute the cascading control replication extended operation for quiesce or unquiesce subtree on consumer server.
5. There is another error during the operation. Contact the directory administrator.

GLPWRM082E Failed to create supplier credentials on consumer *consumer name*. The supplier credentials must be created on the consumer for replication to work. Refer to the IBM Tivoli Directory Server Administration Guide for instructions.

Explanation: An error occurred while creating supplier credentials on the consumer server.

Operator response: The error might have occurred for one of the following reasons:

1. The consumer server is down and not reachable by the supplier server.
2. Incorrect administrative credentials were provided for the consumer server.
3. There is another error while performing the operation. Contact the directory administrator.

GLPWRM083E Failed to connect to consumer server *consumer name*.

Explanation: Failed to log in to the consumer server while trying to create supplier credentials on the consumer.

Operator response: The error might have occurred for one of the following reasons:

1. The consumer server is down and not reachable by the supplier server.
2. Incorrect administrative credentials provided for the consumer server.
3. There is another error while performing this operation. Contact the directory administrator.

GLPWRM084E Failed to start consumer server *consumer name*.

Explanation: Failed to start the consumer server.

Operator response: The error might have occurred for one of the following reasons:

1. The administration daemon is not running on the consumer server or the administrative port provided is not correct.
2. Incorrect administrative credentials provided for consumer server.
3. There is another error while performing this operation. Contact the directory administrator.

GLPWRM085E Cannot connect to administration daemon

Explanation: Unable to connect to administration daemon of consumer server.

Operator response: The error might have occurred for one of the following reasons:

1. Administration daemon is not running on the consumer server.
2. Administration daemon port provided is not correct.
3. Consumer server is not reachable through the network.

GLPWRM086E Failed to restart to consumer server *server name*.

Explanation: Failed to restart the consumer server.

Operator response: The error might have occurred for one of the following reasons:

1. The administration daemon is not running on the consumer server or the administrative port provided is not correct.
2. Incorrect administrative credentials provided for consumer server.
3. There is another error while performing this operation. Contact the directory administrator.

GLPWRM087I Server *server name* must be restarted after this operation for credentials to take effect.

Explanation: No additional information is available for this message.

GLPWRM088E The server *server name* is a proxy server. A proxy server cannot be added to the replication topology

Explanation: The server specified during the add replica or add master operation is a proxy server and cannot be added to the topology.

Operator response: Select a server that is not a proxy server.

GLPWRM089E Cannot move source server because there are agreements associated with it.

Explanation: The master server being moved has agreements associated with it. These must be deleted before the move operation can continue.

Operator response: Delete all the agreements under the master server and retry the move operation.

GLPWRM090E The requested operation cannot be performed. The server being promoted is already a master server.

Explanation: You are trying to promote a server to be a master server in the topology, but the selected server is already a master server.

Operator response: A master server cannot be promoted to be a master. Select a replica to be promoted.

GLPWRM091E The requested operation cannot be performed. The old and new suppliers cannot both be master servers.

Explanation: You are trying to move a server under a master server, but the server being moved is a master server in the topology. A master server cannot be moved under another master.

Operator response: Select a different server to move and retry the operation.

GLPWRM092E Cannot connect to server. The manage topology function must connect to the server being promoted to perform this operation.

Explanation: There was an error connecting to the server that is being promoted to be a master server. The server must be running and reachable before it can be promoted.

Operator response: Check to see if the server is down. Start it and retry the operation.

GLPWRM093E The selected node cannot be deleted.

Explanation: An attempt was made to delete the "replication topology" node, which does not represent any server in the topology and cannot be deleted.

Operator response: Select a node in the tree to delete that is a server in the replication topology.

GLPWRM094W Consumer server *server name* must be restarted for the supplier credential to take effect.
Do you want to restart the server?

Explanation: Continuing with this operation will restart the specified consumer server.

Operator response: Click OK to restart the consumer server or Cancel to cancel the operation.

GLPWRM095E Cannot edit the ACL for this subtree. One can only edit the ACL on a server that is a master server for this subtree.

Explanation: You are trying to edit an ACL for a subtree. The Web Administration Tool is not connected to the master server for this subtree.

Operator response: Select a different subtree for which to edit an ACL, or connect to a server that is a master server in the selected replication context, and then perform the edit ACL operation.

GLPWRM096E The selected node cannot be moved.

Explanation: You are attempting to move a node that is not a subentry node or an agreement node.

Operator response: Select a node in the tree that is either a subentry node or an agreement node.

GLPWRM097E Cannot delete a node that has agreements under it.

Explanation: You are attempting to delete a subentry node in the topology that has agreements under it.

Operator response: First delete all the agreements under the selected node, and then delete the node.

GLPWRM098E The selected node cannot be edited.

Explanation: You are attempting to edit a node in the replication topology that is not an agreement node.

Operator response: Select an agreement node to edit.

GLPWRM099E Hostname or port not provided.

Explanation: The hostname or port was not provided during the add master or add replica operation.

Operator response: Provide a valid hostname and port for the server being added to the topology.

GLPWRM100E Referral LDAP URL not valid.

Explanation: The referral LDAP URL provided is not valid. Type a valid LDAP URL.

Operator response: Provide a valid referral URL. It must start with ldap:// or ldaps://.

GLPWRM101E Cannot delete this subtree. There are non-empty *ibm-replicaGroup* objects under this replication context.

Explanation: The subtree being deleted has replication related entries under it.

Operator response: Make sure that the subtree does not have any agreements or subentries under it and then try the delete operation again.

GLPWRM102E The entry does not exist or the logged-in user does not have sufficient authority to perform this operation.

Explanation: Failed to retrieve ACL information for subtree while checking the ACL during the add subtree operation. This is done for non-suffix subtrees.

Operator response: The user does not have authority to retrieve the ACL information for the subtree or the subtree does not exist.

GLPWRM103E No credential selected to edit.

Explanation: No valid credential object DN was provided for editing credentials. Select a credential to edit.

Operator response: Provide a valid credential object DN and click Edit.

GLPWRM104E No credential selected.

Explanation: No credential object was selected during the add replica or add master operation.

Operator response: A credential object must be selected during an add replica and add master operation for adding a new server in the topology. Select a valid credential object on the Select credential panel. If there is no credential object defined, add one object and select it to complete the operation.

GLPWRM105E Cannot create replicated subtree at *subtree DN*. Access control is not defined properly for this entry.

Explanation: While trying to configure a subtree for replication, an explicit ACL must be defined if the entry is not a suffix entry.

Operator response: Define an explicit ACL for the subtree and try the add subtree operation again.

GLPWRM106E Failed to promote a replica under a master server. There is no replica subentry corresponding to the server to which the Web Administration Tool is connected.

Explanation: Failed to promote a replica under a master server because there is no replication subentry for the server present in the replication topology to which the Web Administration Tool is connected.

Operator response: Make sure that the Web Administration Tool is connected to a master server in the topology, and then try the move operation again.

GLPWRM107E Agreement *agreement name* does not have a valid replica ID defined. First set the replica ID in all agreements supplying *agreement name*. If there are multiple masters, it might be necessary to change this agreement under each master.

Explanation: You are trying to move a replica server, but the agreement node for the replica does not have a valid server ID defined.

Operator response: Edit the agreement to add a valid server ID and try the operation again.

GLPWRM108E Cannot promote server to master. The server being promoted must be a leaf replica with no subordinate replicas.

Explanation: An attempt is being made to promote a server to a master server, but it has subordinates present under it. Only a leaf node with no subordinates can be promoted to a master server in the topology.

Operator response: Select a leaf node and try the operation again.

GLPWRM109E This server cannot be promoted to a master server.

Explanation: The server being promoted does not have a correct server ID or enabled capabilities defined, and it cannot be made a master server.

Operator response: Make sure that the selected agreement to be promoted as master server has a valid server ID and enabled capabilities defined, and then try the operation again.

GLPWRM110E The source server and the destination server are the same. Select a different destination server.

Explanation: The source and destination server are the same during a move operation. The operation failed.

Operator response: A server cannot be moved under itself. Select different source and destination servers for the move operation to succeed.

GLPWRM111E • GLPWRM118E

GLPWRM111E Unable to delete the subtree

Explanation: Unable to delete the selected subtree. An error occurred while deleting the subtree, the replica default group, and the associated auxiliary objectclass.

Operator response: The error might have occurred for one of the following reasons:

1. The user does not have permission to delete the selected subtree. Check whether the subtree entry has permission for the user to delete this entry.
 2. There is another error deleting the entry `ibm-replicaGroup=default` under the subtree. Contact IBM Software Support.
-

GLPWRM112E Unable to get ACL information.

Explanation: An error occurred while retrieving ACL information from the directory server and traversing the information.

Operator response: The error might have occurred for one of the following reasons:

1. The user might not have permission to retrieve ACL information.
 2. The server is not reachable or is running in configuration only mode.
 3. There is another error while retrieving ACL information. Contact IBM Software Support.
-

GLPWRM113E The time selected has already been scheduled.

Explanation: The specified time has already been added to the daily schedule. A duplicate entry is not allowed.

Operator response: Specify a new time such that the new time does not conflict with any other time value in the current daily schedule.

GLPWRM114E Select a subtree.

Explanation: A subtree must be selected to perform the operation.

Operator response: Select a subtree and try to perform this operation again.

GLPWRM115E Select an entry in the table to remove.

Explanation: A row from the table must be selected to perform the remove operation.

Operator response: Select a row from the table and retry the remove operation.

GLPWRM116E Unable to add schedule. The schedule object *schedule object name* already exists.

Explanation: The specified schedule already exists. An error occurred trying to add a duplicate schedule object.

Operator response: Specify a different schedule to add.

GLPWRM117E Master DN cannot be the same as the administrator DN.

Explanation: A Master DN was provided that is the same as the administrator DN. These DNs must be different.

Operator response: Provide a Master DN that is different from the administrator DN.

GLPWRM118E Default credential has already been deleted.

Explanation: Same as above.

Operator response: Select supplier information to delete.

GLPWRM119E Passwords do not match.

Explanation: The values typed in the Replication bind password and Confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match.

Operator response: Provide the same value in the Replication bind password and Confirm password fields.

GLPWRM120E Select an entry in the list.

Explanation: A supplier information entry from the list must be selected to perform the operation.

Operator response: Select a supplier information entry from the list and then retry the operation.

GLPWRM121E The subtree *subtree DN* already has a supplier object associated with it. Choose a different replicated subtree.

Explanation: The subtree is already present under cn=configuration and already has a supplier credential. A duplicate entry is not allowed.

Operator response: Select a different replicated subtree.

GLPWRM122E Replica bind DN is a required field.

Explanation: The replica bind DN field cannot be blank while adding a credential object.

Operator response: Specify a valid replica bind DN to create a credential object.

GLPWRM123E Bind password is a required field.

Explanation: The bind password field is a required field for adding a credential object.

Operator response: Specify a valid bind password to create a credential object.

GLPWRM124E This subtree was originally created as a non-replicated subtree. To create credentials in this subtree, the subtree must be initialized for replication with this server as the master. Click OK to initialize the subtree.

Explanation: A non-replicated subtree must be initialized for replication as the master before creating credentials. Continuing with the operation will initialize the subtree.

Operator response: Click OK to initialize the subtree for replication or Cancel to cancel the credential creation operation.

GLPWRM125E Confirm password is a required field.

Explanation: The Confirm password field is a required field for adding a credential object.

Operator response: Type the password in the Confirm password field to create a credential object.

GLPWRM126E Passwords do not match.

Explanation: The values typed in the Key file password and Confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match.

Operator response: Provide the same value in the Key file password and Confirm password fields.

GLPWRM127E Simple bind credential details not specified.

Explanation: The simple bind credentials must be specified before going to the next step.

Operator response: Specify the simple bind credentials, and then click Next.

GLPWRM128E • GLPWRM137W

GLPWRM128E Credential not selected.

Explanation: A credential must be selected to perform this operation.

Operator response: Select a credential and retry the operation.

GLPWRM129E Select a replication filter.

Explanation: A replication filter for the selected subtree must be selected to perform this operation.

Operator response: Select a replication filter for the selected subtree and retry the operation.

GLPWRM130E Unable to add the credential. The credential object *credential object name* already exists.

Explanation: The specified credential object already exists at the selected subtree. An error occurred while adding a duplicate value to the directory server.

Operator response: Specify a different credential object to add the credentials.

GLPWRM131E Unable to add the replication filter. The filter object *filter object name* already exists.

Explanation: The specified replication filter already exists. An error occurred while adding a duplicate value to the directory server.

Operator response: Specify a different replication filter.

GLPWRM132E Select at least one object class or select the check box to include all object classes.

Explanation: At least one objectclass must be selected before proceeding.

Operator response: Select at least one objectclass.

GLPWRM133E Select at least one attribute or select the check box to include all attributes.

Explanation: At least one attribute must be selected.

Operator response: Select at least one objectclass and retry the operation.

GLPWRM134W You have requested to skip all unreplicated changes for this agreement.

Click OK to continue with this request, or click Cancel.

Explanation: Continuing with this operation will delete all unreplicated changes from replication queue.

Operator response: Click OK to go ahead or click Cancel to end the operation.

GLPWRM136W Are you sure you want to delete the selected node *node names* from the topology ?

Explanation: Continuing with this operation will delete the selected node from the topology.

Operator response: Click OK to delete the selected node from the topology or click Cancel to cancel the delete operation.

GLPWRM137W Warning: All the agreements under the selected master will be deleted. Are you sure you want to continue?

Explanation: Continuing with this operation will delete all the agreements under the selected master.

Operator response: Click OK to delete all the agreements under the selected master from the topology or click Cancel to cancel the delete operation.

GLPWRM138W This subtree is a non-replicated subtree. To edit ACLs for this subtree, the subtree must be initialized for replication with this server as the master. Click OK to continue.

Explanation: A non-replicated subtree must be initialized for replication as the master before editing the ACLs. Continuing with the operation will initialize the subtree.

Operator response: Click OK to initialize the subtree for replication or click Cancel to cancel the delete operation.

GLPWRM139W The current server to which you are connected to will become a master for this subtree. Are you sure you want to continue?

Explanation: Continuing with this operation will make the current server the master for this subtree.

Operator response: Click OK to make the current server the master for the subtree or click Cancel to cancel the operation.

GLPWRM140W If you cancel this request, the new server will not be added to the topology. Are you sure you want to cancel?

Explanation: Continuing with this process will cancel the earlier requested operation.

Operator response: Click OK to cancel the operation or click Cancel to continue with the operation.

GLPWRM141W If you cancel this request, the move operation will not be completed. Are you sure you want to cancel?

Explanation: Continuing with this process will cancel the requested move operation.

Operator response: Click OK to cancel the move operation or click Cancel to continue with the operation.

GLPWRM142W Are you sure you want to quiesce the subtree *subtree DN*?

Explanation: Continuing with this operation will quiesce the selected subtree.

Operator response: Click OK to quiesce the selected subtree or click Cancel to cancel the quiesce operation.

GLPWRM143W Are you sure you want to delete the subtree *subtree DN*?

Explanation: Continuing with this operation will delete the selected subtree.

Operator response: Click OK to delete the selected subtree or click Cancel to cancel the delete operation.

GLPWRM144W Are you sure you want to unquiesce the subtree *subtree DN*?

Explanation: Continuing with this operation will unquiesce the selected subtree.

Operator response: Click OK to unquiesce the selected subtree or click Cancel to cancel the unquiesce operation.

GLPWRM145W Are you sure you want to delete this daily schedule?

Explanation: Continuing with this operation will delete the selected daily schedule.

Operator response: Click OK to delete the selected daily schedule or click Cancel to cancel the delete operation.

GLPWRM146W Are you sure you want to delete this weekly schedule?

Explanation: Continuing with this operation will delete the selected weekly schedule.

Operator response: Click OK to delete the selected weekly schedule or click Cancel to cancel the delete operation.

GLPWRM147W • GLPWRM157I

GLPWRM147W Are you sure you want to remove this entry?

Explanation: Continuing with this operation will delete the selected supplier information.

Operator response: Click OK to delete the selected supplier information or click Cancel to cancel the delete operation.

GLPWRM148W Are you sure you want to delete the selected credential object?

Explanation: Continuing with this operation will delete the selected credential object.

Operator response: Click OK to delete the selected credential object or click Cancel to cancel the deletion operation.

GLPWRM149W Are you sure you want to delete this replication filter object?

Explanation: Continuing with this operation will delete the selected replication filter object.

Operator response: Click OK to delete the selected replication filter object or click Cancel to cancel the deletion operation.

GLPWRM150I The manage topology function will now collect information for agreements from this server to replicate to the other servers.

Explanation: No additional information is available for this message.

GLPWRM151I New schedule *schedule name* added.

Explanation: No additional information is available for this message.

GLPWRM152I Replication suspended.

Explanation: No additional information is available for this message.

GLPWRM153I Replication resumed.

Explanation: No additional information is available for this message.

GLPWRM154I Replication forced.

Explanation: No additional information is available for this message.

GLPWRM155I Replication management needs to get information from server *server name*. Verify that the following information is correct. Replication management might not be able to use the same connection information that is used for replication.

Explanation: No additional information is available for this message.

GLPWRM156E The selected node is neither a master nor a gateway. Select a master or gateway node and then click View server.

Explanation: Same as above.

Operator response: Select a master or gateway node and then click View server.

GLPWRM157I Operation completed successfully, but there were no pending changes.

Explanation: No additional information is available for this message.

GLPWRM158I *Number of changes* **changes skipped.**

Explanation: No additional information is available for this message.

GLPWRM159I **The supplier credentials already exist on the consumer server** *consumer server name.*

Explanation: No additional information is available for this message.

GLPWRM160I **Saved changes.**

Explanation: No additional information is available for this message.

GLPWRM161I *server name* **is currently a master server for subtree** *subtree DN.*
Select the server you want to move *server name* **under.**

Explanation: No additional information is available for this message.

GLPWRM162I **Consumer server** *server name* **is successfully restarted.**

Explanation: No additional information is available for this message.

GLPWRM163I **Server** *server name* **has been added to the replication topology. However, data must be synchronized in order to fully initialize the new server. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for instructions.**

Explanation: No additional information is available for this message.

GLPWRM164I **The manage topology function will now collect information for agreements that must be created on addition of a new peer master.**

Explanation: No additional information is available for this message.

GLPWRM165E **The selected node is neither a master nor a gateway. Select a master or gateway node and then click View schedule.**

Explanation: Same as above.

Operator response: Select a master or gateway node and then click View schedule.

GLPWRM166I **Consumer server** *consumer server name* **is successfully started.**

Explanation: No additional information is available for this message.

GLPWRM167I **Server** *server name* **has been added to the replication topology. However, data must be synchronized in order to fully initialize the new server. Refer to the IBM Tivoli Directory Server Installation and Configuration Guide for instructions.**

Explanation: No additional information is available for this message.

GLPWRM168E **Incorrect DN:** *DN.*

Explanation: The specified DN does not exist in the directory server.

Operator response: Select a valid DN by clicking on the Browse button or type a valid DN that exists in the directory server.

GLPWRM904E • GLPWRP006E

GLPWRM904E This subtree was originally created as a non-replicated subtree. To create replication filters in this subtree, the subtree must be initialized for replication with this server as the master. Click OK to initialize the subtree.

Explanation: A non-replicated subtree must be initialized for replication as the master before creating replication filters. Continuing with the operation will initialize the subtree.

Operator response: Click OK to initialize the subtree for replication or Cancel to cancel the replication filter creation operation.

GLPWRP001E Ran wrapper script on an unsupported operating system: OS

Explanation: The script can be run only on Linux, AIX, Solaris or HP-UX systems.

Operator response: Check your operating system type by running this command: `uname`. Also, verify that you have permission to run the `uname` command.

GLPWRP002E The program *program name* is not installed or could not be found.

Explanation: The script could not find the program that was going to be invoked. This most likely occurred because the program was removed or you do not have permissions to run the program.

Operator response: Verify that you have permission to run 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 might have to reinstall the IBM Tivoli Directory Server product. Contact IBM Software 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 program that was going to be invoked. This most likely occurred because the program was removed or you do not have permissions to run the program.

Operator response: Verify that you have permission to run the program the script was going to execute. If the program is not present you might have to reinstall the IBM Tivoli Directory Server product. Contact IBM Software 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 most likely occurred 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

IBM Tivoli Directory Server Configuration Tool.

Usage: `idsxcfg [-I instanceName] | -?`

where:

`-?` Displays this help screen.

`-I<instanceName>` Instance name to be configured

Explanation: No additional information is available for this message.

GLPWRP006E The DB2 property file '*filename*' is not available.

Explanation: The script could not find the `ldapdb.properties` file. This most likely occurred because you do not have the necessary permissions to read the file or the file is not available.

Operator response: Verify that you have a valid `ldapdb.properties` file with the necessary permissions to read the file.

GLPWRP007E The instance *instance* is not created or could not be found.

Explanation: The script could not find the location of the instance created. This most likely occurred because you have specified an invalid instance name.

Operator response: Verify that you have specified a valid instance name.

GLPWRP008E The instance *instance* is either not a TDS version *version* instance or it does not exist.

Explanation: This most likely occurred because either the TDS version for the instance is different from the TDS version for this utility or instance does not exist.

Operator response: Verify that you are running the correct version of the utility and using the existing instance.

GLPWRP009E The instance type (PROXY or RDBM) for instance *instance* was not found.

Explanation: This most likely occurred because the instance type entry is missing or not valid in the `ibmslapd.conf` configuration file.

Operator response: Verify that your `ibmslapd.conf` file has a valid entry for instance type.

GLPWRP010E The executable *progrname* cannot be used on the PROXY server instance *instance*.

Explanation: This most likely occurred because an attempt was made to use this utility on a proxy server instance.

Operator response: Verify that the instance name specified is not a proxy server instance.

GLPWRP011E The executable *progrname* cannot be used on the default PROXY server instance *instance*.

Explanation: This most likely occurred because an attempt was made to use this utility on the default server instance which is of type proxy.

Operator response: Verify that the default instance in the repository is not a proxy server instance.

GLPWRP012E An invalid file name was specified.

Explanation: The file does not exist or could not be read.

Operator response: Verify that the file exists with proper permissions to access it.

GLPWSA001I The server is running in configuration only mode. Not all values on the View server status panel are available.

Explanation: No additional information is available for this message.

GLPWSA002I The changes were saved. Restart the server for some of the changes to take effect.

Explanation: No additional information is available for this message.

GLPWSA003I No updates have been made.

Explanation: No additional information is available for this message.

GLPWSA004E Some of the changes could not be saved.

Explanation: Some of the changes were not saved. An error might have occurred for one of the following reasons:

1. There might be a problem connecting to the server.
2. The input value specified might be incorrect.
3. There might be a problem in the server configuration file.

Operator response: Verify that you are connected to the server and that the input value is correct.

GLPWSA005E Cannot connect to administration daemon.

Explanation: The tool could not connect to the administration daemon. Verify that the administration daemon is running and that the server is reachable through the network. Check that the correct port for the administration daemon was specified while registering the server in the Web Administration Tool.

Operator response: An error might have occurred for one of the following reasons:

1. The administration daemon process might not be running. Start or restart the administration daemon.
 2. There might be a problem in the network. Check the network settings and verify that the server is reachable through the network.
 3. Be sure that the correct administration daemon port was provided while registering the server.
-

GLPWSA006E The confirmation password for simple bind is incorrect.

Explanation: The values typed in the Bind password and Confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match.

Operator response: Provide the same value in the Bind password and Confirm password fields.

GLPWSA007I Running - Configuration only mode

Explanation: No additional information is available for this message.

GLPWSA008I Running

Explanation: No additional information is available for this message.

GLPWSA009E Passwords do not match.

Explanation: The values typed in the password and confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match.

Operator response: Provide the same value in the New password and Confirm password fields.

GLPWSA010E The confirmation password is incorrect on the certificate revocation panel.

Explanation: The values typed in the Bind password and Confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match.

Operator response: Provide the same value in the Bind password and Confirm password fields.

GLPWSA011E The Certificate revocation list DN was not created. The input value might be incorrect.

Explanation: The Certificate revocation list DN was not created. Some of the required fields on the certificate revocation panel might be empty or might have incorrect values.

Operator response: Provide valid values for all the fields on the certificate revocation panel.

GLPWSA012E The Kerberos DN was not created. The value provided might be incorrect.

Explanation: Some of the required fields on the Kerberos panel might be empty or have incorrect values.

Operator response: To create a Kerberos DN, provide valid values for the Kerberos realm, Kerberos keytab file, and Alternate administrator ID fields on the Kerberos panel. To delete a Kerberos DN, remove the values of these fields.

GLPWSA013I Active

Explanation: No additional information is available for this message.

GLPWSA014I Idle

Explanation: No additional information is available for this message.

GLPWSA015E Incorrect Directory Server administrator DN syntax.

Explanation: An incorrect DN was specified. The field must contain a well-formed distinguished name. See the IBM Tivoli Directory Server Administration Guide for information about valid DN syntax.

Operator response: Type a valid Directory Server administrator DN.

GLPWSA016E Incorrect Directory Server administrator DN.

Explanation: The Directory Server administrator DN is incorrect.

Operator response: Type a valid Directory Server administrator DN.

GLPWSA017E Incorrect Kerberos ID.

Explanation: The Kerberos ID is incorrect. The syntax or the prefix might be incorrect. The Kerberos ID must start with either `ibm-kn` or `ibm-kerberosName`.

Operator response: Type a valid Kerberos ID.

GLPWSA018E Incorrect syntax for Kerberos ID.

Explanation: The Kerberos ID is incorrect. This ID must consist of two tokens.

Operator response: Type a valid Kerberos ID that consists of two tokens.

GLPWSA019E Incorrect prefix for Kerberos DN.

Explanation: The prefix of the Kerberos ID is incorrect. The Kerberos ID must start with either `ibm-kn` or `ibm-kerberosName`.

Operator response: Type a valid Kerberos ID with a valid prefix.

GLPWSA020E Passwords do not match. Some changes were saved.

Explanation: The values typed in the Password and Confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match. Some of the changes were saved; however, not all changes were saved because the two password fields did not match.

Operator response: Provide the same value in the Password and Confirm password fields.

GLPWSA021E PKCS#11 interface support is enabled. All fields must be completed and you must select either the key storage or the accelerator mode option or both. Some of the changes were saved.

Explanation: PKCS#11 interface support is enabled. When PKCS#11 interface support is enabled, all fields on PKCS#11 settings panel must be completed and you must select either the key storage or the accelerator mode option or both. Some of the changes were saved. Not all changes were saved because of incorrect input.

Operator response: Complete all the fields and select the key storage or the accelerator mode option or both.

GLPWSA022E Passwords do not match. Some changes were saved and will take effect after the server is restarted.

Explanation: The value typed in the Password and Confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match. Some of the changes were saved; however, not all changes were saved because the two password fields did not match. The saved changes will take effect only after the server is restarted.

GLPWSA023E • GLPWSA030I

Operator response: Provide the same value in the Password and Confirm password fields. Restart the server for the changes that were saved to take effect.

GLPWSA023E PKCS#11 interface support is enabled. All fields must be completed and you must select either the key storage or the accelerator mode option or both.

Some of the changes were saved and will take effect after the server is restarted.

Explanation: PKCS#11 interface support is enabled. When PKCS#11 interface support is enabled, all fields must be completed and you must select either the key storage or the accelerator mode option or both. Some of the changes were saved but will take effect only after the server is restarted; however, not all changes were saved because of incorrect input. The saved changes will take effect only after the server is restarted.

Operator response: Complete all the fields and select the key storage or the accelerator mode option or both. Restart the server for the changes that were saved to take effect.

GLPWSA024E PKCS#11 interface support is enabled. All fields must be completed and you must select either the key storage or the accelerator mode option or both.

Explanation: PKCS#11 interface support is enabled. When PKCS#11 interface support is enabled, all fields must be completed and you must select either the key storage or the accelerator mode option or both.

Operator response: Complete all the fields and select the key storage or the accelerator mode option or both.

GLPWSA025W Are you sure you want to delete the selected administrative group member DN?

Explanation: Continuing with this operation will delete the selected administrative group member DN from the directory.

Operator response: Click OK to delete the selected administrative group member DN or Cancel to cancel the delete operation.

GLPWSA026W Are you sure you want to delete the selected suffix DN?

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

Operator response: Click OK to delete the selected suffix DN or Cancel to cancel the delete operation.

GLPWSA027E Current password is incorrect.

Explanation: The Current password field value does not match the existing password of the specified Directory Server administrator DN.

Operator response: Type a valid password for the specified administrator DN in the Current password field .

GLPWSA028E Secure port and unsecure port cannot have the same value.

Explanation: The same port number is specified for both the secure and unsecure port numbers. Both of these port numbers must be unique.

Operator response: Specify unique port numbers for the secure port and the unsecure port.

GLPWSA029I The changes were saved but will take effect only after the server is restarted.

Explanation: No additional information is available for this message.

GLPWSA030I The changes were saved but will take effect only after the administration daemon is restarted.

Explanation: No additional information is available for this message.

GLPWSA031E The administrator DN value already exists.

Explanation: The specified administrator DN value already exists in the administrator group.

Operator response: Type a different administrator DN value to add to the administrator group.

GLPWSA032E The selected available attribute already exists under cn=localhost.

Explanation: The selected available attribute already exists under cn=localhost.

Operator response: Select an attribute name in the Available attributes list that does not exist in the cn=localhost attribute list.

GLPWSA033E The selected available attribute already exists under cn=IBMpolicies.

Explanation: The selected available attribute already exists under cn=IBMpolicies.

Operator response: Select an attribute name in the Available attributes list that does not exist in the cn=IBMpolicies list.

GLPWSA034E The selected available attribute already exists in the list of cached attributes under database.

Explanation: The selected available attribute already exists in the list of cached attributes under database.

Operator response: Select an attribute name in the Available attributes list that does not exist in the list of cached attributes under database.

GLPWSA035E The selected available attribute already exists in the list of cached attributes under changelog.

Explanation: The selected available attribute already exists in the list of cached attributes under changelog.

Operator response: Select an attribute name in the Available attributes list that does not exist in the list of cached attributes under changelog.

GLPWSA036E This suffix DN value already exists.

Explanation: The suffix DN provided already exists in the server.

Operator response: Type a valid suffix DN that does not exist in the server and then click Add.

GLPWSA037W Are you sure you want to clear the log file?

Explanation: Continuing with this operation will clear the log file.

Operator response: Click on OK to clear the log file or Cancel to cancel the clear operation.

GLPWSA038E Select at least one DN or IP address to disconnect.

Explanation: Select at least one DN or IP address for the disconnect operation to be successful. Disconnect with both DN and IP being None is not a valid operation.

Operator response: Select at least one DN or IP and then click Disconnect.

GLPWSA039W Are you sure you want to disconnect all connections?

Explanation: Continuing with this operation will disconnect all the server connections.

Operator response: Click OK to disconnect all the server connections or click Cancel to cancel the operation.

GLPWSA040E • GLPWSA049I

GLPWSA040E Failed to either add or edit password policy object.

Explanation: The specified input violates at least one of the password policy rules.

Operator response: Specify input that does not violate the password policy rules.

GLPWSA041E The specified administrator DN already exists. Specify a new administrator DN.

Explanation: The new administrator DN must be different than the earlier existing administrator DN. The specified administrator DN is exactly the same as the earlier administrator DN.

Operator response: Specify a new administrator DN.

GLPWSA042E Type a valid value for the server realm in the Digest-MD5 panel.

Explanation: The server realm field of the Digest-MD5 panel has an incorrect value. The server realm cannot be blank or contain only spaces.

Operator response: Type a valid value for the server realm in the Digest-MD5 panel.

GLPWSA043E Type a valid value for the Username attribute in the Digest-MD5 panel.

Explanation: The Username attribute field of the Digest-MD5 panel has an incorrect value. The Username attribute cannot be blank or contain only spaces.

Operator response: Type a valid value for the Username attribute in Digest-MD5 panel.

GLPWSA044W Are you sure you want to delete the selected back-end directory servers?

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

Operator response: Click OK to delete the selected back-end server or click Cancel to cancel the operation.

GLPWSA045W Are you sure you want to delete all back-end directory servers?

Explanation: Continuing with this operation will delete all back-end directory servers.

Operator response: Click OK to delete all the back-end servers or click Cancel to cancel the operation.

GLPWSA046E Passwords do not match.

Explanation: The values typed in the Key file password and Confirm password fields must be exactly the same. These fields are case-sensitive. The values specified in these two fields do not match.

Operator response: Provide the same value in the Key file password and Confirm password fields.

GLPWSA047I Back-end directory server *server name* was added.

Explanation: No additional information is available for this message.

GLPWSA048I Back-end directory server *server name* was modified.

Explanation: No additional information is available for this message.

GLPWSA049I The following back-end directory servers were deleted.

server names

Explanation: No additional information is available for this message.

GLPWSA050E An error occurred while editing a back-end directory server.

Explanation: The updates to the back-end directory server were not saved successfully. An error might have occurred for one of the following reasons:

1. Not able to connect to server.
2. The updated values in some of the fields might not be valid for the directory server.

Operator response: Check whether the server is up and running; if not, start the server. Check whether there are any incorrect values in the fields, and then type valid values.

GLPWSA051E An error occurred while adding the back-end directory server.

Explanation: The back-end directory server was not added. An error might have occurred for one of the following reasons:

1. Not able to connect to server.
2. The values in some of the fields might not be valid for the directory server.

Operator response: Check whether the server is up and running; if not, start the server. Check whether there are any values in the fields, and then type valid values.

GLPWSA052E An error occurred while deleting back-end directory servers.

Explanation: The selected back-end directory server was not deleted. An error might have occurred for one of the following reasons:

1. Not able to connect to server.
2. The selected server might not be a valid back-end directory server.

Operator response: Check whether the server is up and running; if not, start the server. Check whether the selected server is a valid back-end directory server.

GLPWSA053E An error occurred while loading back-end directory server information.

Explanation: An error occurred while loading information to the back-end directory server. The error might have occurred for one of the following reasons:

1. Not able to connect to server.
2. There might be incorrect entries or an incorrect DN.

Operator response: Check that the back-end directory server information is correct and that the servers are running in normal mode.

GLPWSA054E Kerberos is not enabled for the proxy server.

Explanation: Kerberos was selected as the bind method, but Kerberos is not enabled. Enable Kerberos before selecting it as the bind method for the back-end directory server.

Operator response: Enable Kerberos and then set the bind method as Kerberos.

GLPWSA055E Incorrect suffix DN.

Explanation: The suffix specified in the Suffix DN field is incorrect. A valid suffix consists of three parts. The first part is a valid naming attribute present in the schema; the second part is the symbol '='; and the third part is a valid value for the first part. The syntax of the suffix must be 'attribute=value'.

Operator response: Type a valid suffix DN.

GLPWSA056E Incorrect DN specified for displaying entry details.

Explanation: The entry DN specified for displaying the entry details is incorrect. See the IBM Tivoli Directory Server Administration Guide for information about valid DN syntax.

Operator response: Type a valid entry DN.

GLPWSA057E • GLPWSA065E

GLPWSA057E Incorrect DN specified as partition base DN, while adding a split.

Explanation: The partition base DN specified for adding a split is incorrect. See the IBM Tivoli Directory Server Administration Guide for information about valid DN syntax.

Operator response: Type a valid partition base DN.

GLPWSA058E Incorrect DN specified for the bind DN.

Explanation: The bind DN specified for displaying the entry details is incorrect. See the IBM Tivoli Directory Server Administration Guide for information about valid DN syntax.

Operator response: Type a valid bind DN.

GLPWSA059E Select a referral entry to remove from the table.

Explanation: A referral entry must be selected in the table for the remove operation to be successful.

Operator response: In the table, select the referral entry to remove.

GLPWSA060E Select a suffix DN entry to remove from the table.

Explanation: A suffix DN entry must be selected in the table for the remove operation to be successful.

Operator response: In the table, select the suffix DN entry to remove.

GLPWSA061E Select a suffix DN entry in the table to edit.

Explanation: A suffix DN entry must be selected in the table for the edit operation to be successful.

Operator response: In the table, select the suffix DN entry to edit.

GLPWSA062E No partition entry is selected. Select an entry in the partition entries table to display the associated servers.

Explanation: Select the partition entry to display the associated servers.

Operator response: Select a partition entry in the table.

GLPWSA063E No partition base DN entry is selected. Select the partition base DN entry in the table for which you want to perform the resume role operation.

Explanation: Select the partition base DN for which you want to perform the resume role operation.

Operator response: Select a partition base DN entry in the table.

GLPWSA064E No back-end directory server entry is selected. Select the back-end directory server entry in the table for which you want to perform the resume role operation.

Explanation: Select the back-end directory server for which you want to perform the resume role operation.

Operator response: Select a back-end directory server entry in the table.

GLPWSA065E No partition base DN entry is selected. Select the partition base DN entry you want to delete.

Explanation: You must select the partition base DN you want to delete.

Operator response: Select a partition base DN entry in the table.

GLPWSA066E No partition base DN entry is selected. Select the entry in the table for the partition base DN to edit.

Explanation: Select the partition base DN to edit.

Operator response: Select a partition base DN entry in the table.

GLPWSA067E No back-end directory server entry is selected. Select the back-end directory server entry to delete.

Explanation: Select the back-end directory server to delete.

Operator response: Select a back-end directory server entry in the table.

GLPWSA068E No back-end directory server entry is selected. Select the entry in the table for the back-end directory server to edit.

Explanation: Select the back-end directory server to edit.

Operator response: Select a back-end directory server entry in the table.

GLPWSA069E No back-end directory server entry is selected. Select a back-end directory server entry in the table for which you want to view the corresponding partition bases.

Explanation: Select the back-end directory server for which you want to view the corresponding partition bases.

Operator response: Select a back-end directory server entry in the table.

GLPWSA070E Suffix DN value is incorrect. Type a valid DN.

Explanation: The suffix DN value to be added is incorrect; this value cannot be blank or contain only spaces.

Operator response: Type a valid suffix DN value.

GLPWSA071W Are you sure you want to delete the selected back-end directory server split entry?

Explanation: Continuing with this operation will delete the selected back-end directory server split entry.

Operator response: Click OK to delete the selected split entry or Cancel to cancel the delete operation.

GLPWSA072W Are you sure you want to delete the selected partition base DN entry?

Explanation: Deleting the selected partition base entry results in deletion of all the back-end directory server splits for the selected partition base. Confirm that you want to delete the partition base DN and its corresponding back-end directory server split entries.

Operator response: Click OK to delete the selected partition base DN and the corresponding back-end directory server split entries, or click Cancel to cancel the delete operation.

GLPWSA073W Are you sure you want to delete all the back-end directory server splits?

Explanation: Continuing with this operation will delete the back-end directory server splits.

Operator response: Click OK to delete all the split entries or Cancel to cancel the delete operation.

GLPWSA074E Incorrect partition index value. Partition index value is more than the number of partitions.

Explanation: The partition index value must be less than or equal to the number of partitions for the partition base.

Operator response: Type a partition index value that is less than or equal to the number of partitions for the partition base.

GLPWSA075E Incorrect number of partitions. There exists a partition index value greater than the specified number of partitions.

Explanation: A partition index value exists that is greater than the number of partitions specified.

Operator response: Type a value for the number of partitions that is greater than all existing partition index values for the partition base.

GLPWSA076E The specified back-end directory server entry already exists.

Explanation: Attempt to create a back-end directory server that already exists failed.

Operator response: Specify a back-end directory server that does not already exist.

GLPWSA077E The specified partition base already exists.

Explanation: Attempt to create a partition base that already exists failed.

Operator response: Type a partition base DN that is not already present in the proxy server.

GLPWSA078E The specified suffix DN already exists.

Explanation: Attempt to create a suffix DN that already exists failed.

Operator response: Type a suffix DN that is not already present in the proxy server.

GLPWSA079E An error occurred.

Explanation: This is a general error message. Check the error log for more details about the error.

Operator response: See the error log for more details or contact the Directory Server administrator.

GLPWSA080E An error occurred while adding the partition base.

Explanation: This is a general error message. Check the error log for more details about the error.

Operator response: See the error log for more details or contact the Directory Server administrator.

GLPWSA081E An error occurred while editing the partition base.

Explanation: This is a general error message. Check the error log for more details about the error.

Operator response: See the error log for more details or contact the Directory Server administrator.

GLPWSA082E An error occurred while deleting the partition base.

Explanation: This is a general error message. Check the error log for more details about the error.

Operator response: See the error log for more details or contact the Directory Server administrator.

GLPWSA083I No partition base was selected.

Explanation: No additional information is available for this message.

GLPWSA084E Resume role extended operation failed because the selected back-end directory server does not exist.

Explanation: The resume role operation failed. An error might have occurred for one of the following reasons:

1. The selected back-end directory server does not exist or is not available currently.
2. The syntax of the server URL might be incorrect.
3. There might be a problem connecting to one of the selected servers.
4. The server did not process the resume role request properly.

Operator response: Verify that the back-end directory server exists and is reachable through the network and then try the resume role operation again.

GLPWSA085I Restart request sent to administration daemon...

Explanation: No additional information is available for this message.

GLPWSA086E The format of the split name is incorrect.

Explanation: The resume role operation failed. An error might have occurred for one of the following reasons:

1. The selected partition might not exist.
2. The syntax of the split URL might be incorrect.
3. There might be a problem connecting to one of the selected servers.
4. The server did not process the resume role request properly.

Operator response: Verify that the back-end directory server exists and is reachable through the network and then try the resume role operation again.

GLPWSA087I Resume role successfully completed.

Explanation: No additional information is available for this message.

GLPWSA088E Type a valid entry DN to search.

Explanation: The entry DN provided is not valid. A search cannot be done on a blank entry DN or an entry DN containing only spaces.

Operator response: Type a valid entry DN.

GLPWSA089E You clicked 'Select a file containing multiple DN'. Type the name of a file containing multiple DNs, or select a file using the Browse button, and then click Submit to submit the file on the Web server. Then click Show entry details.

Explanation: The option 'Select a file containing multiple DN' is selected. A file containing valid DNs must first be submitted to the Web server. Type a valid file name or select a file using the Browse button, and then click Submit to submit the file to the Web server. Then click Show entry details.

Operator response: Type a valid file name or select a file using the Browse button and click Submit. Then click Show entry details.

GLPWSA090E File cannot be uploaded on Web server or file not found.

Explanation: The specified file cannot be uploaded on the Web server. The file path might be incorrect, or there might be size restrictions or a network problem that prevented the file from being uploaded.

Operator response: Verify that the file path is valid and that the Web server is reachable through the network, and then click Submit.

GLPWSA091I File *file name* uploaded successfully on the Web server.

Explanation: No additional information is available for this message.

GLPWSA092I Not defined for this entry.

Explanation: No additional information is available for this message.

GLPWSA093E • GLPWSA104E

GLPWSA093E Error retrieving information for entry: *DN*

Explanation: An error occurred while retrieving information for the entry.

Operator response: Verify that the specified DN has a valid syntax and exists and that there is an active connection to the server.

GLPWSA094E Error retrieving information for the following entries: *DNs*

Explanation: An error occurred while retrieving information for the entries.

Operator response: Verify that the specified DN's have a valid syntax and exist and that there is an active connection to the server.

GLPWSA095I Start request sent to administration daemon...

Explanation: No additional information is available for this message.

GLPWSA096I Stop request sent to administration daemon...

Explanation: No additional information is available for this message.

GLPWSA097I The directory server is currently running.
Click **Stop** to stop the server or **Restart** to restart the server.

Explanation: No additional information is available for this message.

GLPWSA098I The directory server is currently running in configuration only mode.
Click **Stop** to stop the server or **Restart** to restart the server.

Explanation: No additional information is available for this message.

GLPWSA099I The directory server is currently stopped.
Click **Start** to start the server.

Explanation: No additional information is available for this message.

GLPWSA100I Server restarted.

Explanation: No additional information is available for this message.

GLPWSA101I Server started.

Explanation: No additional information is available for this message.

GLPWSA102I Server stopped.

Explanation: No additional information is available for this message.

GLPWSA103I Server is starting...

Explanation: No additional information is available for this message.

GLPWSA104E Select a role.

Explanation: At least one of the roles must be selected to perform the operation.

Operator response: Select at least one of the roles to perform the required operation.

GLPWSA105W Connected to Admin Daemon. Not all values are available.

Explanation: At least one of the administration group member DNs must be selected to perform the required operation. The Web Administration Tool is connected to the administration daemon. As a result, not all the values of the panel are available.

Operator response: Start the directory server in normal mode to view all the values of the panel.

GLPWSA106E Select an administration group member DN from the table.

Explanation: At least one of the administration group member DN must be selected to perform the required operation.

Operator response: Select at least one of the administration group member DNs to perform the required operation.

GLPWSA107I The changes were saved. Restart the admin daemon server for some of the changes to take effect.

Explanation: No additional information is available for this message.

GLPWSA108E You have selected a subtree that is not a suffix. Parent entries for this subtree will not be available for pass-through authentication. Do you want to continue ?

Explanation: You have selected a subtree that is not a suffix. Parent entries for this subtree will not be available for pass-through authentication. Do you want to continue ?

Operator response: None

GLPWSA109E Incorrect port.

Explanation: The port number must be non-zero.

Operator response: Type a valid port number in numeric format.

GLPWSA110E Specify the Subtree DN.

Explanation: The subtree DN should not be empty.

Operator response: Add a valid subtree DN.

GLPWSA111E Cannot connect to Pass-through server.

Explanation: Unable to connect to the Pass-through server. Check to be sure that the server is running and reachable through the network.

Operator response: The error might have occurred for one of the following reasons:

1. The server might be down. Start or restart the server.
 2. Verify the server name and port number and ensure that the server is running.
 3. There might be a problem in the network. Check the network settings and check that the ping command to the server returns Success.
-

GLPWSA112E Entries under suffixes 'cn=configuration', 'cn=schema', 'cn=pwdpolicy,cn=ibmpolicies', 'cn=changelog', and 'cn=localhost' cannot be configured for pass-through authentication.

Explanation: Entries under suffixes 'cn=configuration', 'cn=schema', 'cn=pwdpolicy,cn=ibmpolicies', 'cn=changelog', and 'cn=localhost' cannot be configured for pass-through authentication.

Operator response: Specify a different subtree DN that is not under any of the following suffixes: 'cn=configuration', 'cn=schema', 'cn=pwdpolicy,cn=ibmpolicies', 'cn=changelog', or 'cn=localhost'.

GLPWSA113E • GLPWSA121E

GLPWSA113E Another subtree under this suffix is already configured for pass-through authentication. Select a subtree in a different suffix.

Explanation: Possible errors are 1. Selected DN already present in subtree DN list 2. Another subtree under this selected suffix is already configured for pass-through authentication.

Operator response: Select a subtree in a different suffix.

GLPWSA114E Password policy rule violated. Verify the input given.

Explanation: The specified input violates at least one of the password policy rules. Password Policy Rules are following: 1. pwdMinLength should be greater than pwdMinOtherChars + passwordAlphaChars 2. pwdMinLength should be greater than pwdMinDiffChars 3. pwdMaxAge should be greater than pwdMinAge 4. pwdMaxAge should be greater than pwdExpireWarning 5. pwdAllowUserChange has to be TRUE, if pwdMustChange is TRUE

Operator response: Specify input that does not violate the password policy rules.

GLPWSA115E Subtree DN is not specified.

Explanation: No subtree DN is specified and an attempt is being made to add it in the subtree list.

Operator response: Specify the subtree DN.

GLPWSA116W Do you want to remove the selected subtree DN?

Explanation: Confirmation is required before removing a subtree DN.

Operator response: Click "Yes" if you want to remove the selected DN from configured subtree list; otherwise, click "No".

GLPWSA117W Do you want to remove the configured subtree?

Explanation: Confirmation is required before removing a configured subtree.

Operator response: Click "Yes" if you want to remove the configured subtree; otherwise click "No".

GLPWSA118E The number of registrations per connection cannot be more than the total registrations.

Explanation: The total number of registrations for the directory server must be more than the number of connections for each connection. An error occurred because the above requirement is not met.

Operator response: Modify the number of registrations such that the registrations for each connection will not be more than the total registrations.

GLPWSA119W Select only one back-end directory server to edit.

Explanation: Only one back-end directory server can be edited at a time. More than one back-end directory server is selected.

Operator response: Select only one back-end directory server to edit.

GLPWSA120W Select only one back-end directory server to view partition bases.

Explanation: The partition bases can be viewed for only one back-end directory server at a time. More than one back-end directory server is selected.

Operator response: Select only one back-end directory server to view partition bases.

GLPWSA121E The number of database connections for replication cannot exceed the total number of database connections.

Explanation: The total number of database connections for the directory server must be more than the number of database connections for replication. An error occurred as the above requirement is not met.

Operator response: Modify the number of database connections such that the total database connections will not be more than the database connections for replication .

GLPWSA122E Failed to enable / disable multiple password policy.

Explanation: An internal error occurred while enabling or disabling the multiple password policy feature.

Operator response: Try the operation again and if problem persists than contact directory administrator.

GLPWSA123E Global password policy object cannot be deleted.

Explanation: You cannot delete the global password policy object.

Operator response: Select any other password policy object to delete.

GLPWSA124E Failed to delete the password policy object.

Explanation: An error occurred while deleting the password policy object.

Operator response: Check if the password policy object is not in use by some user or group. Contact directory administrator if problem persists.

GLPWSA125E Select a role for the administrative group member.

Explanation: At least one role should be selected for the administrative group member. An error occurred, as a role was not defined for the administrative group member.

Operator response: Select a role for the administrative group member or deselect the administrative role checkbox to create a administrative group member with no special authority.

GLPWSA126W Are you sure you want to delete the selected proxy server group DN entry?

Explanation: Confirm that you want to delete the proxy server group.

Operator response: Click OK to delete the selected proxy server group DN, or click Cancel to cancel the delete operation.

GLPWSA127I Proxy server group added successfully.

Explanation: No additional information is available for this message.

GLPWSA128I Proxy server group modified successfully.

Explanation: No additional information is available for this message.

GLPWSA129I No changes made to selected proxy server group.

Explanation: No additional information is available for this message.

GLPWSA130E Selected back-end directory server list is empty.

Explanation: An error occurred while adding/modifying the proxy server group.

Operator response: Proxy server group must contain one or more back-end directory servers.

GLPWSA131I Fill ibm-serverid attribute of back-end directory server entries and restart the server for some of the changes to take effect.

Explanation: No additional information is available for this message.

GLPWSA132E Error performing operation.

Explanation: An error occurred while starting the log management service.

Operator response: The error might have occurred for one of the following reasons:

1. Tivoli Directory Integrator is required to be properly configured for the log management service to start. Check whether the Tivoli Directory Integrator is properly installed and configured.
 2. There is an error with the control log management extended operation. Contact IBM Software Support.
-

GLPWSA133E Password policy object with the name *policy name* already exists.

Explanation: There is already a password policy object present with the name given.

Operator response: Specify a different name for the password policy object you are creating.

GLPWSA134E Password policy object *policy name* is in use by some user or group and it cannot be deleted.

Explanation: Password policy object is being used by either a user or group and it cannot be deleted.

Operator response: To delete this password policy object, modify all users and groups that are using this password policy object. Click View to view all users and groups that are using this policy object.

GLPWSA135W Are you sure you want to delete the selected password policy object?

Explanation: Continuing with this operation will delete the selected password policy object from the directory.

Operator response: Click OK to delete the selected password policy object or Cancel to cancel the delete operation.

GLPWSA136W Are you sure you want to change the number of partition for the split?

Explanation: Changing the number of partitions for a split can lead to problems if data is already loaded. Continuing with this operation will change the number of partitions for the split and save changes to the proxy server configuration.

Operator response: Click OK to save changes to the proxy server configuration or Cancel to cancel the operation.

GLPWSA137E A parent node or a child node of the specified suffix DN value already exists. The specified suffix DN value cannot be added.

Explanation: The specified DN value is a child node or a parent node of an existing suffix DN. Hence, the specified DN cannot be added.

Operator response: Type a valid suffix DN that does not exist in the server and then click Add.

GLPWSA138E The number of elements from a single search that can be added to the search filter cache should not exceed the number of elements in a search filter cache.

Explanation: The total number of elements in a search filter cache should not be less than the number of elements from a single search that can be added to the search filter cache. An error occurred as the above requirement is not met.

Operator response: Modify the total number of elements in the search filter cache such that it is not less than the total number of elements from a single search that can be added to the search filter cache.

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