

IBM Security Directory Server
Version 6.3.1.5

Error Message Reference



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Note

Before using this information and the product it supports, read the general information under "Notices" on page 195.

Edition notice

Note: This edition applies to version 6.3.1.5 of *IBM Security Directory Server* (product number 5724-J39) and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this publication

IBM® Security Directory Server, previously known as IBM Tivoli® Directory Server, is an IBM implementation of Lightweight Directory Access Protocol for the following operating systems:

- Microsoft Windows
- AIX®
- Linux (System x®, System z®, System p®, and System i®)
- Solaris
- Hewlett-Packard UNIX (HP-UX) (Itanium)

IBM Security Directory Server Version 6.3.1.5 Error Message Reference provides a list of all warning and error messages that are associated with IBM Security Directory Server.

Access to publications and terminology

This section provides:

- A list of publications in the “IBM Security Directory Server library.”
- Links to “Online publications” on page vi.
- A link to the “IBM Terminology website” on page vi.

IBM Security Directory Server library

The following documents are available in the IBM Security Directory Server library:

- *IBM Security Directory Server, Version 6.3.1.5 Product Overview*, GC27-6212-01
Provides information about the IBM Security Directory Server product, new features in the current release, and system requirements information.
- *IBM Security Directory Server, Version 6.3.1.5 Quick Start Guide*, GI11-9351-02
Provides help for getting started with IBM Security Directory Server. Includes a short product description and architecture diagram, and a pointer to the product documentation website and installation instructions.
- *IBM Security Directory Server, Version 6.3.1.5 Installation and Configuration Guide*, SC27-2747-02
Contains complete information for installing, configuring, and uninstalling IBM Security Directory Server. Includes information about upgrading from a previous version of IBM Security Directory Server.
- *IBM Security Directory Server, Version 6.3.1.5 Administration Guide*, SC27-2749-02
Contains instructions for administrative tasks through the Web Administration tool and the command line.
- *IBM Security Directory Server, Version 6.3.1.5 Reporting Guide*, SC27-6531-00
Describes the tools and software for creating reports for IBM Security Directory Server.
- *IBM Security Directory Server, Version 6.3.1.5 Command Reference*, SC27-2753-02
Describes the syntax and usage of the command-line utilities included with IBM Security Directory Server.

- *IBM Security Directory Server, Version 6.3.1.5 Server Plug-ins Reference* , SC27-2750-02
Contains information about writing server plug-ins.
- *IBM Security Directory Server, Version 6.3.1.5 Programming Reference*, SC27-2754-02
Contains information about writing Lightweight Directory Access Protocol (LDAP) client applications in C and Java™.
- *IBM Security Directory Server, Version 6.3.1.5 Performance Tuning and Capacity Planning Guide*, SC27-2748-02
Contains information about tuning the directory server for better performance. Describes disk requirements and other hardware requirements 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 rules of thumb.
- *IBM Security Directory Server, Version 6.3.1.5 Troubleshooting Guide*, GC27-2752-02
Contains information about possible problems and corrective actions that can be taken before you contact IBM Software Support.
- *IBM Security Directory Server, Version 6.3.1.5 Error Message Reference*, GC27-2751-02
Contains a list of all warning and error messages associated with IBM Security Directory Server.

Online publications

IBM posts product publications when the product is released and when the publications are updated at the following locations:

IBM Security Directory Server documentation website

The <http://pic.dhe.ibm.com/infocenter/tivihelp/v2r1/topic/com.ibm.IBMDS.doc/welcome.htm> site displays the documentation welcome page for this product.

IBM Security Systems Documentation Central and Welcome page

IBM Security Systems Documentation Central provides an alphabetical list of all IBM Security Systems product documentation. You can also find links to the product documentation for specific versions of each product.

Welcome to IBM Security Systems documentation provides and introduction to, links to, and general information about IBM Security Systems documentation.

IBM Publications Center

The <http://www-05.ibm.com/e-business/linkweb/publications/servlet/pbi.wss> site offers customized search functions to help you find all the IBM publications you need.

IBM Terminology website

The IBM Terminology website consolidates terminology for product libraries in one location. You can access the Terminology website at <http://www.ibm.com/software/globalization/terminology>.

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 more information, see the Accessibility Appendix in the *IBM Security Directory Server Product Overview*.

Technical training

For technical training information, see the following IBM Education website at <http://www.ibm.com/software/tivoli/education>.

Support information

IBM Support assists with code-related problems and routine, short duration installation or usage questions. You can directly access the IBM Software Support site at <http://www.ibm.com/software/support/probsub.html>.

IBM Security Directory Server Troubleshooting Guide provides details about:

- What information to collect before you contact IBM Support.
- The various methods for contacting IBM Support.
- How to use IBM Support Assistant.
- Instructions and problem-determination resources to isolate and fix the problem yourself.

Note: The **Community and Support** tab on the product information center can provide additional support resources.

Statement of Good Security Practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, misappropriated, or misused or can result in damage to or misuse of your systems, including for use in attacks on others. No IT system or product should be considered completely secure and no single product, service or security measure can be completely effective in preventing improper use or access. IBM systems, products and services are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products or services to be most effective. IBM DOES NOT WARRANT THAT ANY SYSTEMS, PRODUCTS OR SERVICES ARE IMMUNE FROM, OR WILL MAKE YOUR ENTERPRISE IMMUNE FROM, THE MALICIOUS OR ILLEGAL CONDUCT OF ANY PARTY.

Chapter 1. Overview

Use the list of all warning and error messages that are associated with IBM Security Directory Server as a reference when you are troubleshooting issues.

Message format

A displayed or printed message can appear by itself or with other information, such as a time stamp.

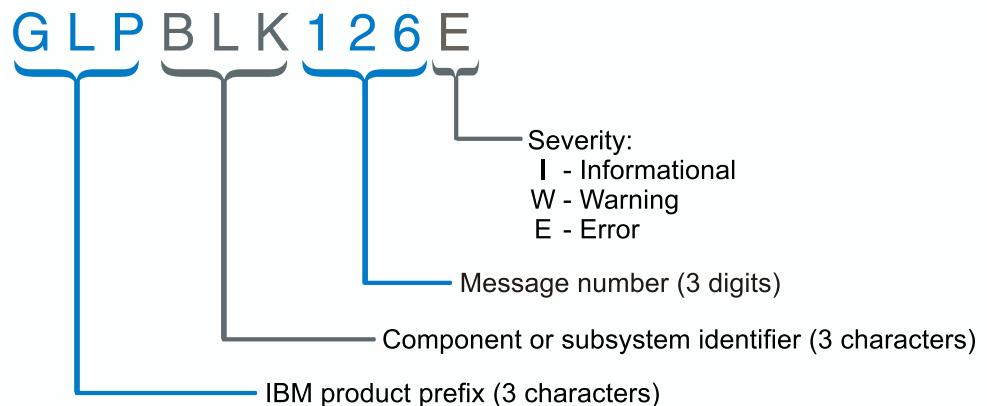
A message consists of a message identifier (ID) and message text. A message number is also associated with a message.

Message ID format

A message ID consists of 10 alphanumeric characters that uniquely identify the message.

The message ID is composed of the following identifiers:

- 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 Security Directory Server is GLP.

The following list shows examples of valid message IDs:

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

Component identifiers

Messages that are associated with IBM Security Directory Server contain certain component identifiers that are indicated in the message ID.

Messages that are associated with IBM Security Directory Server contain the component or subsystem identifiers that are shown in the following table:

Table 1. Component identifiers and their descriptions

Component identifier	Component
ADC	Active Directory synchronization configuration
ADM	Administration server process
ADR	Active Directory synchronization run time
BLK	The bulkload utility
CAT	Catalog files
CCH	The idscfgchg1g utility
CDB	The idscfgdb utility
CFG	The idsxcfg and idsxinst utilities
COM	Common server libraries
CRY	Encryption seed and encryption salt
CSC	The idscfgsch utility
CSF	The idscfgsuf utility
CTL	Common configuration tools libraries
D2L	The db2ldif utility
DBA	The idsdbmaint utility
DBB	The dbback utility
DBM	The idsdbmigr utility
DBR	The dbrestore utility
DDS	The ddsetup utility
DPW	The idsdnpw utility
DSM	DSML
GRP	The idsadduser utility
HST	The idssethost utility
ICR	The idsicrt utility
IDL	The idsideploy utility
IDP	The idsidrop utility
ILT	The idsilist utility
INS	Installation
ISA	Installation utilities
JBP	The ldapdiff utility
KEY	The idsgendirksf utility
L2D	The ldif2db utility
LMT	Log management
MIG	The idsimigr utility
PFT	Performance tuning tool
PRT	The idssetport utility
PXY	Proxy server
RDB	Server RDBM

Table 1. Component identifiers and their descriptions (continued)

Component identifier	Component
RPL	Server replication
RUN	The runstats utility
SCH	Schema
SRV	Server front end
SSL	Server SSL
UCH	The idsucfgchglg utility
UDB	The idsucfgdb utility
USC	The idsucfgsch utility
USF	The 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 Indicates Informational message.

Provides information or feedback about normal events that occur.

GLPCC012I Change log will be configured.
 GLPCDB028I Reconfiguring database password.
 GLPADM010I Admin server is configured for secure connections.

W Indicates Warning message.

These messages indicates that a potentially undesirable conditions occurred, but processing can continue. The following messages show examples of the warning that are generated:

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

E Indicates Error message.

These messages indicates that a problem occurred that requires intervention or correction before processing can continue. The following messages show examples of the error that are generated:

GLPCDB034E An internal error occurred 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

A message consists of different parts such as the message ID, explanation, operator response, administrator response, and programmer response.

The following list describes the different parts of the message explanations.

Explanation

Describes the meaning of the message, including why the message was generated. The message 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 a System Programmer should take.

Chapter 2. Messages

Use the warning and error messages to identify the response from IBM Security Directory Server for the operations that you run against the server.

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

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

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

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.

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

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.

User 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.

User 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.

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 Server 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.

User response: Verify that the configuration file settings are correct, especially those regarding plug-ins. If the problem persists, contact an IBM Software Support representative.

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 server audit log is full. This prohibits the Admin Server from logging any more audit records.

User 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.

GLPADM007E Admin server 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 server received the specified error attempting to set the socket option: TCP_NODELAY.

User response: Ensure that TCP/IP is operating correctly.

GLPADM008E Admin server 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 server received the specified error attempting to set the socket option: keep alive.

User response: Ensure that TCP/IP is operating correctly.

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 server determined that a client sent non-encrypted data to the secure port. The request from the client is ended.

User 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.

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 server is unable to open the specified configuration file.

User 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 server is unable to obtain the necessary resources to create a required thread. If the failure occurs during startup of the LDAP Server, the program 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.

User 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 server is listening on the specified port for both secure and nonsecure requests.

User response: Reconfigure the secure or nonsecure port and restart the Admin server.

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.

User 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.

User 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.

User 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.

User 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 server was unable to start because it could not write to the `ibmdiradm.pid` file.

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

User 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-instancename\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 server 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.

User 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.

User response: Make sure the correct option is used with the extended operation request.

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

Explanation: The Admin server could not be installed as a Windows service.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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

Explanation: The program failed to successfully stop the Admin server. The error might have occurred because the Admin server was already stopped.

User response: Verify that the Admin server exists on the computer and is running. If necessary, stop the Admin server 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 server instance '*instance name*', because the state of the server cannot be determined.

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

User response: This error most likely occurred

because you do not have sufficient access to check the status of the Admin server. Verify that the Admin server `ibmdiradm.pid` file has sufficient access for you to read it.

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

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

User response: Verify that the Windows service for the Admin server still exists. If it does not exist, no further action is required. If the Windows service does exist, attempt to re-create the problem using the same Admin server 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 server is unable to open the audit log file.

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

GLPADM042E No Admin Audit entry found in the configuration file. Admin server starting with no auditing.

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

User response: See the IBM Security Directory Server Administration Guide for instructions for enabling Admin server 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 server instance and register the Admin server instance as a Windows service at the same time.

User 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 server instance and unregister the Admin server instance as a Windows service at the same time.

User 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 server instance as a Windows service at the same time.

User response: Specify only the **-i** or **-u** option.

GLPADM046E Problems retrieving entry '*entry DN*'.

Explanation: The Admin server could not retrieve the content of an entry from the configuration file.

User 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.

User response: Make sure correct attributes are specified for the entry.

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

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

User 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.

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

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

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

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

GLPADM059E The admin server configuration entry for backup and restore '*entry DN*' attribute '*attribute*' is missing or has an invalid value '*value*'.

Explanation: The admin server configuration entry does not contain all of the required attributes or the attribute value is not valid.

User response: Correct the server configuration entry for backup and restore.

GLPADM063E The backup requested by the admin server has failed.

Explanation: The current directory server configuration and database files have not been backed up. If there was a successful backup from before this request, the files from this previous backup are still available and any restore requests will be from this last successful backup.

User response: See messages from the backup command to determine the cause and possible resolution of the error.

GLPADM066E The restore requested by the admin server has failed.

Explanation: The directory server configuration and database files have not been restored.

User response: See messages from the restore command to determine the cause and possible resolution of the error.

GLPADM067E The admin server is currently performing a backup of the directory server.

Explanation: The directory server configuration and database files are being backed up. No additional requests to backup or restore can be serviced at this time.

User response: Resubmit the request after the backup is complete.

GLPADM068E The admin server is currently performing a restore of the directory server.

Explanation: The directory server configuration and database files are being restored. No additional requests to start, backup or restore can be serviced at this time.

User response: Resubmit the request after the restore is complete.

GLPADM069W The admin server is stopping the directory server for a scheduled offline backup.

Explanation: The directory server configuration and database files are being backed up offline. The directory server will be restarted when the backup is complete.

User response: Use online backup to avoid stopping the directory server to do a backup.

GLPADM072W The admin server is not configured to perform regularly scheduled backups.

Explanation: The admin server configuration entry for backup and restore operations does not include a recurring backup schedule. For online backups, the inactive log files in the backup location must be removed manually to prevent the disk from filling up.

User response: Set the recurring schedule if you want the admin server to perform unattended backups along with cleaning up inactive log files.

GLPADM074E The admin server configuration entry for backup and restore 'entry DN' attribute 'attribute' value 'value' specifies an invalid path.

Explanation: The admin server configuration entry must specify a fully qualified path on the same machine as the directory server that can be written to by the directory instance owner.

User response: Correct the specified backup path in the server configuration entry for backup and restore.

GLPADM075E The admin server configuration entry for backup and restore 'entry DN' attribute 'attribute' value is not set.

Explanation: The admin server configuration entry must specify a fully qualified path on the same machine as the directory server that can be written to by the directory instance owner. The current value is NONE.

User response: Correct the specified backup path in the server configuration entry for backup and restore.

GLPADM076W The admin server will not backup or restore changelog data if change log is configured.

Explanation: The admin server configuration entry for backup and restore operations specifies that changelog data must not to be included.

User response: If changelog data should be backed up and restored along with the directory data, change the configuration.

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

Explanation: AD to TDS Synchronization failed

User response: Verify that the adsync_public.prop and adsync_private.prop files exist in the solution directory. Also refer to the log file present in the logs folder in the solution directory for more details about the failure.

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

Explanation: The TDS server instance is not accessible.

User response: Verify the status of the TDS server instance, and then start 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.

User 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.

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

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

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

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

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.

User 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.

User response: Modify the entry with the specified distinguished name in the input LDIF file.

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 idslapd-<instance name>/tmp directory.)

User 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.

User 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.

User 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 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.

User 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 Security Directory Server Administration Guide.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

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

GLPBLK020E Starting with the IBM Tivoli Directory Server 6.3 release this message is deprecated.

Explanation: Starting with the IBM Tivoli Directory Server 6.3 release this message is deprecated.

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

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

User 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.

User 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.

User 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.

User 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.

User 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.

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

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

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

User 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.

User 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: % & ' () * , . / : ; < > ? |

GLPBLK030E • GLPBLK040E

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Check the Windows registry and

verify that the IBM Security 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.

User 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.

User 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.

User response: Check that the path exists and ensure that it is accessible.

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.

User 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.

User 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.

User 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.

User 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.

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

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.

User 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.

User 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.

User 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.

User response: Verify that the directory used is valid.

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

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

User 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.

User 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.

User 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.

User 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.

User response: Check the DB2 error log and correct possible resource problems.

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.

User response: Add the group entry into the directory and retry bulkload.

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.

User 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.

User response: Remove the incorrect attributes in the LDIF file.

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.

User 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.

User 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.

User 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.

User response: View earlier error messages to determine why bulkload did not start. If no previous error message was printed, contact IBM Software Support.

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

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

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

GLPBLK098E An internal error occurred while processing the LDADPIMPORT directory.

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

User 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.

User 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.

User 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.

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

GLPBLK108E An internal error occurred while loading the data.

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

User 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.

User 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.

User 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.

User 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.

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

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

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

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

GLPBLK114E Bulkload failed to remove the ldapimport directory *directory file*. 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.

GLPBLK115E • GLPBLK126E

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

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

GLPBLK133E Codepage conversion failed at line: *line*

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

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

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

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

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

User 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.

User 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.

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

GLPBLK145E Bulkload failed to remove the **ldapimport** directory *directory file*. 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.

User 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.

User 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.

User 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.

User 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.

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

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.

User 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.

User response: Modify the entry in the input LDIF file.

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

Explanation: The entry contains a value that is not valid for the specified attribute.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: See the IBM Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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.

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

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.

User response: Specify a positive integer for the argument.

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

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

User 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.

User 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.

User response: See IBM Security Directory Server Product Overview 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.

User response: View the earlier error messages for

information about the exact error.

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.

User response: See the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: See the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: See the IBM Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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 re-create 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.

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

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

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

User 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.

User response: Specify a user name according to the following rules: The user name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can 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.

User 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.

User 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.

User 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.

User 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.

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.

User response: See IBM Security Directory Server Product Overview 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.

User 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.

User 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.

GLPCDB030E Failed to reconfigure database password.

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

User response: See the IBM Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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.

User response: See the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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.

User 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.

User 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.

GLPCDB040E An incorrect value for the argument '*argname*' is passed. The valid value for this argument is an integer greater than or equal to *oldvalue*.

Explanation: The value passed to this argument is not a valid value.

User response: Pass a valid value to the argument, or remove the argument if you want to go for the default value.

GLPCDB042E An incorrect value for the argument '*argname*' is passed. The valid value for this argument is SMS or DMS.

Explanation: The value passed for this argument is not a valid value.

User response: Pass a valid value to the argument, or remove the argument if you want to go for the default value.

GLPCDB043W No change to the properties of tablespaces will occur as an existing database will be configured for the directory server instance '*instance name*'.

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

User response: Unconfigure the current database from the directory server instance if a new database needs to be configured.

GLPCDB044E Sufficient disk space is not available for tablespace container.

Explanation: The free disk space available for container is not sufficient.

User response: Increase the free disk space by deleting unnecessary files or extending the filesystem, reduce the size of tablespace or provide another location with more free disk space, or create tablespace using the -m SMS option.

GLPCDB047E Error while removing online backup configuration.

Explanation: An error occurred while removing online backup configuration.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPCDB048E Both the arguments 'c' and 'k' can not be passed together.

Explanation: Either you can configure online backup or remove online backup configuration if already configured.

User response: Select one of the arguments that is applicable.

GLPCDB050E 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.

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

GLPCDB051E Filename specified with the -u option is invalid.

Explanation: Value specified with -u option is not a valid filename.

User response: Specify a correct filename and retry the operation.

GLPCDB052E Filename specified with the -r option is invalid.

Explanation: Value specified with -r option is not a valid filename.

User response: Specify a correct filename and retry the operation.

GLPCDB053E Creating a DB2 database in a local code page with the -x option is not supported.

Explanation: DB2 9.5 and later changed the default database creation from local code page to UTF8.

User response: Configure a DB2 database without the -x option.

GLPCFG001E All fields are required.

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

User 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'.

User 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.

User 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. Do you want to stop the server?

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

User 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.

User 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.

User 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.

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

GLPCFG009E *operation failed.*

Explanation: The current operation has failed.

User 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 Security Directory Server Troubleshooting 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.

User response: Verify that the path is an existing file on the system and that the user has sufficient access rights for it.

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.

User 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).

User 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.

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

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.

User response: Confirm whether you want the file to be overwritten. If not, specify a different file name.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 Security Directory Server Troubleshooting 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.

User response: Refer to the IBM Security Directory Server Troubleshooting 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.

User response: Refer to the IBM Security Directory Server Troubleshooting 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.

User response: Check to see if access permissions to the directory are available. Alternatively, refer to the IBM Security Directory Server Troubleshooting 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.

User response: Refer to the IBM Security Directory Server Troubleshooting 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.

User response: Refer to the IBM Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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.

User response: Refer to the IBM Security Directory Server Troubleshooting Guide for information about debugging the program, or contact IBM Software Support.

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.

User 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.

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

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.

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

GLPCFG041E Failed to unconfigure database.

Explanation: An error occurred while unconfiguring the database.

User 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 Security Directory Server Troubleshooting 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.

User 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.

User 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.

User response: Wait for the current task to be completed, and then try again.

GLPCFG045E IBM Security Directory Server not installed.

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

User response: Check to see if IBM Security Directory Server is correctly installed on the system. Also check to see if the environment is correctly set up. Then launch the IBM Security Directory Server Instance Administration Tool again. If the problem persists, refer the IBM Security Directory Server Troubleshooting Guide for information about debugging the program, or contact IBM Software Support.

GLPCFG048E Target directory could not be created.

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

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

GLPCFG049E Database location not specified in the configuration file.

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

User 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.

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.

User 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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program, or contact IBM Software Support.

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.

User 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.

User 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.

User 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.

User 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 Security 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.

User 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.

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 administration server, and secure administration server ports must all be unique for a particular directory server instance.

User 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.

User 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.

User 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 'ldaplog' and 'ldaplogb' are reserved and cannot be used for normal database configuration.

Explanation: The database names 'ldaplog' and 'ldaplogb' are reserved names for the change log database used by the IBM Security Directory Server. These databases cannot be used for storing directory data.

User 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.

User 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.

User 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.

User 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.

User 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'.

User response: Verify that the name contains characters in the specified range only.

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

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.

User 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.

User 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.

User 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.

User 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.

User response: Verify that the encryption seed string is valid.

GLPCFG086E An internal error has occurred.

Explanation: An internal error occurred.

User 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 Security Directory Server Troubleshooting 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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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.

User response: Stop the directory server instance and retry the delete operation.

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.

User 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.

User 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.

User response: Confirm whether you want to unconfigure and destroy the database information.

GLPCFG097E Failed to set administrator DN.

Explanation: The program failed to set the administrator DN.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program, or contact IBM Software Support.

GLPCFG099E Failed to set administrator password.

Explanation: The program failed to set the administrator password.

User 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 Security Directory Server Troubleshooting 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.

User response: Ensure that a directory server instance exists, or create one using the idsicrt command or the IBM Security 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.

User response: Ensure that the instance name specified exists and is valid. If the problem persists refer to the IBM Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 Security Directory Server version given.

User 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.

User response: Ensure that all files are backed up and try the migration again. See the IBM Security 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.

User 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.

User 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.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 Security Directory Server.

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

GLPCFG132E No permission to access the server, *ldapURL*

Explanation: No permission is granted on the specified server.

User 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.

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

GLPCFG134E No path specified.

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

User 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.

User 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.

User 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.

User response: Verify that the user information is valid.

GLPCFG138E Provide the primary group of the user.

Explanation: Primary group is required.

User 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.

User 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.

User 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.

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

GLPCFG142E Unable to load '*statFile*'**Explanation:** Unable to load status file.**User 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.**User 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.**User response:** Nested suffix addition is not allowed.

GLPCFG145E The password specified violates administrator password policy. A maximum of *number of characters* consecutive repeated characters is allowed.**Explanation:** You specified a password that violates the administrator password policy because the password has too many consecutive repeated characters.**User response:** Specify a password that does not have too many consecutive repeated characters to comply with the administrator password policy. The maximum number of consecutive repeated characters was shown in the error message.

GLPCFG146E Server must be started before running this operation. Do you want to start the server?**Explanation:** The operation being attempted requires the directory server to be started before the operation can be run.**User response:** Start the directory server instance for which this tool is being run and then retry the operation.

GLPCFG147E Data not valid in '*field*'.**Explanation:** Invalid data for the given field**User response:** Verify that the input for the given field is valid

GLPCFG148E '*field value*' is not a valid value.**Explanation:** Invalid data for the given field**User response:** Verify that the input for the given field is valid

GLPCFG149E Specified location is not valid.**Explanation:** The directory or file path specified does not exist on the system, is not accessible because of insufficient access rights for the user running this tool.**User response:** Verify that the path is an existing directory or file on the system and the user has sufficient access rights for it.

GLPCFG150E Specified file already exists.**Explanation:** The specified file already exist in directory. Please specify non-existing file.**User response:** Provide non-existing file.

GLPCFG151E Invalid administrator DN or password.**Explanation:** Specified administrator DN or password is incorrect.**User response:** Verify the specified administrator DN or password.

GLPCFG152E None of the options is selected.**Explanation:** None of the options is selected.**User response:** Verify that atleast one of the options is selected.

GLPCFG153E Unable to locate the specified command. '*cmd*'**Explanation:** Unable to locate the specified command.**User response:** Verify the specified location

GLPCFG154E Unable to generate statistics using `perftune`, refer task messages.**Explanation:** Error occurred while executing `perftune`.**User response:** Error occurred while executing `perftune`.

GLPCFG159E Failed to start administration server.

GLPCFG160E Failed to stop administration server.

GLPCFG164E Failed to stop server instance.

GLPCFG168E Initial size must be greater than *initialValue* pages.

Explanation: Invalid value for initial size

User response: Verify that the input for the initial size is valid

GLPCFG169E IBM Tivoli Directory Integrator (TDI) is not detected on the system. If TDI is installed at custom install location then set `IDS_LDAP_TDI_HOME` to TDI install location and restart the utility.

Explanation: The utility has failed to detect IBM Tivoli Directory Integrator as it is either not installed or installed at custom install location.

User response: If IBM Tivoli Directory Integrator is installed at custom install location then set `IDS_LDAP_TDI_HOME` environment variable to IBM Tivoli Directory Integrator install location and restart the program.

GLPCOM001E Creation of socket failed; *errno* error value (error string).

Explanation: The server received the specified error attempting to create a socket.

User 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.

User response: Ensure that TCP/IP is operating correctly.

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.

User 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.

User 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.

User 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.

User response: Verify the LDIF syntax and retry the request.

GLPCOM009E The attribute *attribute name* is not allowed for entry *entry DN*.

Explanation: A specified attribute is not allowed by the entry's objectclass.

User response: Verify the LDIF syntax and retry the request.

GLPCOM012E Failed to load plugin from *plugin location*.

Explanation: The server failed to load the plugin.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Ensure that TCP/IP is operating correctly. Check for other error messages. Ensure that no other applications are running on the specified port.

GLPCOM026E *Objectclass objectclass name not found in schema.*

Explanation: All objectclasses used in a request must be defined in the server's schema files.

User 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.

User 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.

User 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.

User response: Ensure that the correct code page is specified and installed and that the characters in the configuration file are valid.

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.

User response: No further action is required.

GLPCOM034E *This command cannot be started while a backup for directory server instance instance name is in progress.*

Explanation: This command cannot run at the same time as a backup.

User response: Wait for the backup to complete and then retry the request.

GLPCOM035E *This command cannot be started while a restore for directory server instance instance name is in progress.*

Explanation: This command cannot run at the same time as a restore.

User response: Wait for the restore to complete and then retry the request.

GLPCOM036E *select() system call failed; errno error value (error string).*

Explanation: The server received the specified error attempting to read client activity.

User response: Ensure that TCP/IP is operating correctly.

GLPCOM037E This command cannot be started for directory server instance *instance name* while bulkload is in progress.

Explanation: This command cannot run at the same time as bulkload.

User response: Wait for bulkload to complete and then retry the request.

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.

User 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.

User 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.

User response: Look in the IBM Security Directory Server Troubleshooting 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.

User response: Look in the IBM Security Directory Server Troubleshooting 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.

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

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.

User response: See IBM Security Directory Server Product Overview for information about hardware and 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.

User response: View the earlier error messages for information about the exact error.

GLPCSC006E Failed to add schema file: '*schemafile*'.

Explanation: An error occurred while trying to add the schema file to the configuration file of the directory server instance.

User 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.

GLPCSC008E The specified schema file '*schemafile*' 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.

User response: Specify a schema file that exists on the system and ensure that the file is readable.

GLPCSC009E The schema file '*schemafile*' already exists in the configuration file of the directory server instance.

Explanation: Tried to add a schema file that is already configured.

User 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.

User response: Specify the -s option. Use the -? option to see the syntax for the command.

GLPCSC011E The specified schema file '*schemafile*' is a directory.

Explanation: A schema file can be added to a configuration file of the directory server instance only if the schema file exists on the system and is a file, not a directory.

User response: Specify a schema file that exists on the system and is readable. Verify that the schema file specified is not a directory.

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.

User response: See IBM Security Directory Server Product Overview 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.

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.

User response: View the earlier error messages for information about the exact error. If the problem persists, contact IBM Software Support.

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.

User 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.

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.

User 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.

User 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.

User response: Specify a directory server instance with the -I option or set the directory server instance using the environment variable IDS_LDAP_INSTANCE.

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.

User response: Review the information about configuring the database in the IBM Security 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's DB2 Command Log File and 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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's DB2 Command Log File and 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.

GLPCTL010E Failed to start database manager for database instance: 'instance name'.

Explanation: The program failed to start the database manager for the database instance.

User response: Verify that the system has enough virtual memory for the buffer pool setup for the database. Refer to the IBM Security 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.

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.

User 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.

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.

User 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.

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.

User response: Review the information about configuring a database in the IBM Security 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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). In addition, look in the directory server's DB2 Command Log File for additional errors or warnings that might have been generated. The db2empfa DB2 command can then be run against the configured database manually to enable multi-page file allocation.

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.

User response: Review the information about configuring the database in the IBM Security 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 Security Directory Server Troubleshooting 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.

User response: Review the information about configuring the database in the IBM Security 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.

User 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.

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.

User 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.

GLPCTL036E Failed to update the database: 'database name'

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

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: Review the information about configuring the database in the IBM Security 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's DB2 Command Log File and 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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.

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.

User response: Review the information about configuring the database in the IBM Security 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's DB2 Command Log File and 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: Look in the directory server's DB2 Command Log File 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.

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.

User response: Review the information about configuring the database in the IBM Security 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's DB2 Command Log File and 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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's DB2 Command Log File and 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.

User 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 Security 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.

User response: Contact IBM Software Support.

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.

User 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.

User 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.

User 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.

User 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.

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

GLPCTL064E Internal error setting terminal attribute.

Explanation: The program encountered an internal error while trying to set the terminal display.

User 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.

User 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.

User 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.

User 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.

User 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.

GLPCTL070W Failed to delete the directory: *'directory'*.

Explanation: The program failed to delete the specified directory.

User 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.

User 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.

User 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.

User 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.

GLPCTL076W Failed to start admin server for directory server instance: '*instance name*'.

Explanation: The program failed to start the admin server. The error might have occurred because the port the admin server was going to use was already in use.

User response: Verify that admin server 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 server.

GLPCTL079W Failed to stop admin server for instance: '*instance name*'.

Explanation: The program failed to stop the admin server. The error might have occurred because the admin server was already stopped.

User response: Verify that admin server exists on the computer and is running. If necessary, stop the admin server manually.

GLPCTL082W Failed to start directory server for directory server instance: '*instance name*'.

Explanation: The program failed to start the directory server for the directory server instance. The error might have occurred because the port the directory server was going to use was already in use.

User 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 server. The use the `idsilist` command with the `-a` option to see what ports are currently configured for each directory server instance.

GLPCTL085W Failed to stop directory server for directory server instance: '*instance name*'.

Explanation: The program failed to stop the directory server for the instance. The error might have occurred because the directory server instance was already stopped.

User response: Verify that the directory server instance exists on the computer and is running. If necessary, stop the directory server 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.

User 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.

User 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 the directory server is running.

Explanation: An attempt was made to run the command on the directory server instance while the directory server is running.

User response: Stop the directory server for the instance before attempting to run the command. Verify the directory server is running by trying to connect to the directory server for the instance.

GLPCTL089E Unable to run the command on directory server instance '*instance name*', because the state of the directory server cannot be determined.

Explanation: An attempt was made to run the command on the directory server instance and the state of the directory server for the instance could not be determined.

User 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 process ID file (slapd.pid).

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

User response: Look in the IBM Security Directory Server Troubleshooting 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 server instance but the instance's the server configuration file (ibmslapd.conf) does not exist, was not accessible, or could not be written to.

User response: Verify that the directory server instance server configuration file exists and that you have access to it. If the configuration file does not exist, you will most likely have to re-create 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Run the command only against directory server instances that are not proxy servers.

GLPCTL100E Failed to back up database *database name*.

Explanation: The program was unable to back up the database.

User 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.

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.

User 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.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPCTL105E The encryption synchronization attribute, `ibm-slapdCryptoSync`, 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-slapdCryptoSync` attribute from the configuration

file of the directory server instance. The attribute is required to perform encrypted data integrity checking.

User response: Look in the IBM Security Directory Server Troubleshooting 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.

User 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 remote migration is being performed, then verify that the endianness of source system and the target system are same. If system on which the backup was taken was a little endian system, and the system on which the migration is being performed is a big endian system, or vice-versa, then key stash file is not usable. Ensure that both the systems have same endianness. 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.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about enabling tracing for IBM Security 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 the directory server instance *'instance name'* while the admin server is running.

Explanation: An attempt was made to run the command on the directory server instance while the admin server is running.

User response: Stop the admin server for the directory

server instance before attempting to run the command. To test if the admin server is running, try to connect to the admin server for the directory server instance.

GLPCTL109E Unable to run the command on directory server instance '*instance name*' because the state of the admin server cannot be determined.

Explanation: An attempt was made to run the command on the directory server instance and the state of the admin server could not be determined.

User response: This error most likely occurred because you do not have sufficient access to check the status of the admin server. Verify that you have read access to the admin server process ID file (ibmdiradm.pid).

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.

User 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 server instance be specified.

User 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.

User response: Run the command as the root user on the operating system. Contact your system administrator if you have further questions.

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

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

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

GLPCTL125E Failed to remove the online backup configuration for the database: '*database name*'.

Explanation: An internal error occurred while trying to remove the online backup configuration of the database.

User response: Review earlier error messages generated by the program to determine how to respond to this error. If no error messages were displayed, see the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPCTL129E Failed to remove the online backup configuration for the instance: '*instance name*'.

Explanation: An internal error occurred while trying to remove the online backup configuration of the database.

User response: Review earlier error messages generated by the program to determine how to respond to this error. If no error messages were displayed, see the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPCTL130E Error while allocating memory.

Explanation: The command is unable to allocate the necessary storage to continue processing.

User response: See IBM Security Directory Server Product Overview 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.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

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

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.

User 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.

GLPD2L014E The filter entry DN of entry not found.

GLPDBA002E idsdbmaint is unable to run because of initialization error.

Explanation: idsdbmaint is unable to start because of initialization error.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA007E The tablespace LDAPSPACE creation failed.

Explanation: idsdbmaint is unable to create ldapSPACE tablespace.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA008E The tablespace USERSPACE1 creation failed.

Explanation: idsdbmaint is unable to create userspace1 tablespace.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA009E The tablespace LDAPSPACE deletion failed.

Explanation: idsdbmaint is unable to delete ldapSPACE tablespace.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA010E The tablespace USERSPACE1 deletion failed.

Explanation: idsdbmaint is unable to delete userspace1 tablespace.

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User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA015E The tablespace LDAPSPACE import failed.

Explanation: idsdbmaint is unable to import tables to the ldapSPACE tablespace.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA016E The tablespace USERSPACE1 import failed.

Explanation: idsdbmaint is unable to import tables to the userspace1 tablespace.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA017E The tablespace LDAPSPACE export failed.

Explanation: idsdbmaint is unable to export tables from the ldapSPACE tablespace.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA018E The tablespace USERSPACE1 export failed.

Explanation: idsdbmaint is unable to export tables from the userspace1 tablespace.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA026W The db2inspect command failed for the table '*tablename*'.

Explanation: idsdbmaint is unable to perform DB2 inspect on the table.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA035W Row compression could not be enabled for the table '*tablename*'.

GLPDBA045W The table '*tablename*' has not been reorganized.

GLPDBA047W Statistics on table '*tablename*' have not been updated.

GLPDBA048E The diagpath for database instance '*dbinstance*' could not be determined.

Explanation: idsdbmaint is unable to find DB2 diagnostic data directory path. DB2 database parameter DIAGPATH is not set.

User response: View earlier error message to see why idsdbmaint did not run. If no previous error message was printed, contact IBM Software Support.

GLPDBA049E An incorrect value for the argument '*argname*' is passed. The valid value for this argument is SMS or DMS.

Explanation: The value passed for this argument is not a valid value.

User response: Pass a valid value to the argument.

GLPDBA050E The '*work_dir*' option is required with the '*ts_conversion*' option.

Explanation: A required parameter was not passed during execution of this command.

User response: Specify the required options for execution of the command.

GLPDBA051E 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.

User 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.

GLPDBA052E The specified directory, '*work_dir*', does not have enough free space required for table space conversion.

Explanation: The directory specified to be used as temporary work directory does not have enough free space.

User response: Specify a location that has enough free space to carry out the operation.

GLPDBA054E Unable to estimate the database size.

Explanation: Unable to estimate the database size.

User response: Run the tool in debug mode to see why idsdbmaint did not run. If no error message was printed, contact IBM Software Support.

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.

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

GLPDBB003E An internal error occurred while running the idsdbback command.

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

User response: See IBM Security Directory Server Product Overview 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.

User 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 the idsdbback command.

Explanation: The other options were specified and the -k <backup dir> option was not.

User 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.

User 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 re-create 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.

User response: A database is configured using the idscfgdb command. Configure a database with this command before attempting to back up a database.

GLPDBB010E Failed to back up directory server instance 'instance name'.

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

User 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.

User 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.

User 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

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instance configuration file and a failure occurred.

User 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.

User 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.

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.

User 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.

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.

User 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.

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.

User 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.

User 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.

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

GLPDBB028E Failed to save backup information to a file.

Explanation: The program was unable to save the backup information to a file.

User 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.

GLPDBB030E Starting with the IBM Tivoli Directory Server 6.2 release this message is deprecated. 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.

User response: Specify a directory that does not already contain backup information or delete the backup information.

GLPDBB031E The request to configure the database for online backups cannot be completed while the directory server is running.

Explanation: The command has detected that the directory server is running or some application is connected to the databases that are to be configured for online backups. It is necessary to stop the server or application for this initial configuration and backup.

User response: Stop the directory server and terminate any applications connected to the databases

before reissuing the command.

GLPDBB032W The space available for a future backup is too low. The current backup location: *backup path* has only free space in MB MB available and the backup just completed required used space in MB MB.

Explanation: The available space must be sufficient for the current and next backup. For online backups, the free space must also include space for the inactive log files.

User response: Increase the amount of available space on the file system used for backup or switch to a different location.

GLPDBB035E Failed to back up the database properties file for the directory server instance '*instance name*'.

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

User response: Verify that the directory server instance has a database properties file. Verify that you have access to read the database properties 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.

GLPDBB038E Failed to back up the command file for the directory server instance '*instance name*'.

Explanation: The program was unable to back up the command files for the directory server instance.

User response: Verify that the directory server instance has command files. Verify that you have access to read the command 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.

GLPDBB041E Changelog not configured.

Explanation: The request to backup changelog data cannot be done since the directory server instance is not configured for changelog.

User response: Do not include the option to include backing up changelog data for this server instance.

GLPDBB044E Conflicting options in the command line.

Explanation: The option to backup the changelog database conflicts with the option to skip backing up the database.

User response: Do not include both the option to skip

backing up the database and the option to include backing up changelog data for this server instance.

GLPDBB047E The specified path *backup path* cannot be used for a backup.

Explanation: There was a problem creating a file or directory in the specified path.

User response: Check the ownership and permissions for the path to be used for the backup. The directory server instance owner should have permission to read and write files in that directory.

GLPDBB050E The -u switch for online backups is a required command line argument when specifying the -a parameter to set the archive directory. Use the -? option to see the syntax for the *idsdbback* command.

Explanation: The -a <archive dir> parameter was specified and the -u option was not. This parameter is only valid for online backups.

User response: Try again specifying the -u option along with -a.

GLPDBB051E Failed to create path '*archive path*' for logging inactive log files.

Explanation: The -a <archive dir> parameter was specified and the directory does not exist and cannot be created.

User response: Check the file permissions for the path specified for archiving inactive log files.

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.

User 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.

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

GLPDBM011E The DB2 start database manager command failed.

Explanation: The DB2 start database manager command failed.

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User 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.

GLPDBM012W The DB2 database manager is already active.

GLPDBM014E The DB2 list database directory command failed.

Explanation: The DB2 list database directory command failed

User 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.

GLPDBM016E The DB2 connect to database command failed.

Explanation: The DB2 connect to database command failed

User 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.

GLPDBM018E The DB2 stop database manager command failed.

Explanation: The DB2 stop database manager command failed.

User 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.

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

Explanation: The DB2 command db2iupdt failed.

User 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.

GLPDBM025E The DB2 force application all failed.

Explanation: The DB2 force application all command failed.

User 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.

GLPDBM027E The DB2 terminate failed.

Explanation: The DB2 terminate command failed.

User 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.

GLPDBM029E The DB2 update DBM CFG failed.

Explanation: The DB2 update DBM CFG command failed.

User 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.

GLPDBM033E DB2 instance migration failed.

Explanation: The DB2 command db2imigr failed.

User 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.

GLPDBM035E DB2 database migration failed for database 'dbname'.

Explanation: The DB2 migrate database command failed.

User 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.

GLPDBM043E DB2 rebind packages failed.

Explanation: The DB2 command db2rbind failed.

User 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.

GLPDBM045E DB2 activate database command for database 'dbname' failed.

Explanation: The DB2 activate database command failed.

User 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.

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.

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

GLPDBM053E The new DB2 location does not support database migration.

Explanation: The new DB2 location should contain db2 version 9 and above.

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

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.

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

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

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

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

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

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

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

GLPDBM062E The directory server instance version check failed.

Explanation: This version of idsdbmigr tool will work only with IBM Tivoli Directory Server version 6.2 instances.

User response: Use the `idsdbmigr` command only with supported versions of the directory server instance. If the problem persists, contact IBM Software Support.

GLPDBM064E DB2 initial version check failed.

Explanation: The DB2 version specified in the `ldapdb.properties` file is lower than the supported DB2 version for migration. DB2 migration is supported from version 8 and 9.1 to higher versions.

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

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

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

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

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

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

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

GLPDBM070E Could not find the directory server instance configuration file.

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

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

GLPDBM072E Could not determine whether directory server 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.

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

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

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

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

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

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

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

GLPDBM078E Update operation for 'db2prop' file in the install location failed.

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

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

GLPDBM080E Update operation for 'db2prop' file for the directory server instance failed.

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

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

GLPDBM083E Could not find the directory server instance specific ldapdb.properties file.

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

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

GLPDBM089E Unable to run the command on directory server instance 'instance name', while the directory server is running.

Explanation: An attempt was made to run the command on the directory server instance while the directory server is running.

User response: Stop the directory server for the instance before attempting to run the command.

GLPDBR004E Failed to restore directory server instance 'instance name'.

Explanation: The program was unable to restore the given directory server instance.

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

GLPDBR007E Failed to load the backup information from a file.

Explanation: The program was unable to load the backup information from a file.

User 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.

User 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.

User 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.

User 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.

User 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.

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.

User 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.

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.

User 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.

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.

User 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.

User 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 the idsdbrestore command.

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

User 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.

User 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 re-create 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.

User 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.

User 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.

GLPDBR027E An internal error occurred while running the `idsdbrestore` command.

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

User response: See IBM Security Directory Server Product Overview 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.

User 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.

User 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.

User 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.

User 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 `idsdbrestore` command 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.

User 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 `idsdbrestore` command 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.

User 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.

GLPDBR036E Failed to restore the database properties file for the directory server instance '*instance name*'.

Explanation: The program was unable to restore the database properties file for the directory server instance.

User response: Verify that the directory instance has a database properties file. Verify that you have access to read and write to the current database properties file for the directory server instance. 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.

GLPDBR039E Failed to restore the command files for the directory server instance '*instance name*'.

Explanation: The program was unable to restore the command files for the directory server instance.

User response: Verify that the directory instance has command files. Verify that you have access to read and write to the current command files for the directory server instance. 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.

GLPDBR041E Unable to restore changelog data; changelog is not configured for this directory server instance.

Explanation: The request to restore changelog data cannot be done since the directory server instance is not configured for changelog.

User response: Do not include the option to include restoring changelog data for this directory server instance.

GLPDBR043E Conflicting options in the command line requesting a restore for the directory server instance.

Explanation: The option to restore the changelog database conflicts with the option to skip restoring the database.

User response: Do not include both the option to skip restoring the database and the option to include restoring changelog data.

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.

User 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.

User 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.

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

GLPDDS005E Specify the proxy server configuration file for splitting.

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

User 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.

User 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.

User 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.

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

GLPDDS009E Input LDIF file *file name* does not exist.

Explanation: The input file specified cannot be found.

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

GLPDDS012E Exiting partitioning utility due to error in configuration.

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

User 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.

User 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.

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

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.

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

GLPDDS027E Error extracting partitioning information from proxy configuration file.

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

User 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: The number of partitions must be greater than zero.

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

GLPDDS030E Number of partitions value exceeds the allowed limit of 50.

Explanation: The number of partitions value exceeds the allowed limit of 50.

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

GLPDDS031E Error opening input LDIF file *file name*.

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

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

GLPDDS032E Exiting partitioning utility due to a setup error.

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

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

GLPDDS033E The output file *out file* already exists. Exiting partitioning utility.

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

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

GLPDDS034E Error opening *output filename* file. Exiting partitioning utility.

Explanation: There was an error opening the output file.

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

GLPDDS035E Exiting partitioning utility due to an internal error.

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

User 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.

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

GLPDDS039E Incorrect option specified on the command line.

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

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

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.

User response: Check the values of the `ibm-slapdSuffix` attribute in the proxy 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.

User 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.

User 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 attribute `ibm-slapdProxySplitName` does not exist in the proxy server's configuration file.

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

GLPDDS047E Value for attribute *attr* is missing.

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

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

GLPDDS048E Failed to write output file *filename*.

Explanation: Failed to write the output file.

User response: Correct the error.

GLPDDS049E Unable to continue due to parsing errors.

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

User response: Correct any reported errors and try again.

GLPDDS050E Unable to continue partitioning the entries.

Explanation: There were unrecoverable errors while partitioning the entries.

User response: Correct any reported errors and try again.

GLPDPW003E The -p option is required.

Explanation: The `-p` option is required to specify the password of the directory server administrator.

User 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.

GLPDPW008E Failed to set the directory server administrator password.

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

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPDPW011E Failed to set the directory server administrator DN.

Explanation: An internal error occurred while trying to configure the database administrator DN.

User response: See the IBM Security Directory Server Troubleshooting 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.

User response: See IBM Security Directory Server Product Overview 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.

User 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.

User 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.

User 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.

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

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

Explanation: You specified a password that violates the administrator password policy because the password has too many repeated characters.

User 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.

User 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.

GLPDPW020E The password specified violates administrator password policy. A maximum of *number of characters* consecutive repeated characters is allowed.

Explanation: You specified a password that violates the administrator password policy because the password has too many consecutive repeated characters.

User response: Specify a password that does not have too many consecutive repeated characters to comply with the administrator password policy. The maximum number of consecutive repeated characters was shown in the error message.

GLPDSM008E Problem configuring the XML parser.

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

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

GLPDSM010E Problem configuring the XML transformer.

Explanation: An exception condition occurred during the transformation process.

User 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.

User 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.

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

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

GLPDSM015E Element name must be *element name* .

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

User 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.

User 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.

User 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.

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

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.

User response: Specify valid input parameters with proper syntax.

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.

User 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.

User 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.

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

User 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.

GLPDSM030E • GLPDSM043E

User 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.

User response: Contact IBM Software Support for more information.

GLPDSM031E AbandonRequest: Incorrect abandonID.

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

User 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.

User 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.

User response: Contact the directory administrator.

GLPDSM034E AddRequest: Incorrect DN.

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

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Specify a valid security principal.

GLPDSM042E BatchMessage: All required values are not set.

Explanation: The message type is incorrectly set.

User 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.

User 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.

User response: Specify a valid error message type.

GLPDSM045E DeleteRequest: All required values are not set.

Explanation: The DN is null.

User response: Specify a valid DN.

GLPDSM046E Dsm1Attr: All required values are not set.

Explanation: The attribute name is null.

User 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.

User 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.

User 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.

User 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.

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

GLPDSM051E ApproxMatch Filter: All required values are not set.

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

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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)).

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Provide valid search operation parameters.

GLPDSM065E SearchResultEntry: All required values are not set.

Explanation: The search DN is not specified.

User 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.

User 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.

User 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.

User 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.

User response: Contact the system administrator.

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

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

User response: Specify a valid parsable input segment.

GLPDSM071E DsmIControl: All required values are not set.

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

User response: Specify a valid control type.

GLPDSM072E DsmIMessage: 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.

User response: Provide all required elements and attributes.

GLPDSM073E DsmIModification: 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.

User 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.

User response: Provide valid parameters while requesting authorization.

GLPDSM075E Incorrect value for attribute RequestID.

Explanation: The DSML Request ID is incorrect.

User response: Pass a valid Request ID.

GLPDSM076E Incorrect value for attribute processing.

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

User 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.

User 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'.

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

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

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

User 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.

User 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.

User 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.

User response: Specify a valid RequestID parameter.

GLPDSM083E BatchRequest: Required elements are not set.

Explanation: RequestID in a batchRequest is null.

User 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.

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

GLPGRP003E • GLPGRP040W

GLPGRP003E The `-w` option is required.

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

User 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.

GLPGRP008E Failed to set the user password.

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

User response: Look in the IBM Security Directory Server Troubleshooting 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.

User response: See IBM Security Directory Server Product Overview 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.

User response: View the earlier error messages for information about the exact error.

GLPGRP011W The user `'user'` already exists. The user will be re-created with modified properties.

GLPGRP014E Script `'script'` failed to create user `'user'`.

Explanation: An error was encountered while running the program.

User response: View the earlier error messages for information about the exact error.

GLPGRP017E The user `'user'` could not be added to group `'group'`.

Explanation: Either the member being added is already part of this group or the member's account type is invalid. This error will occur only on Windows platform.

User response: Correct the problem and retry the operation.

GLPGRP018E The required options `-u` and `-g` are missing.

Explanation: The `-u` and `-g` options are required to create the system user.

User response: Specify the `-u` and `-g` option to avoid this error. Use the `-?` option to see the syntax for the command.

GLPGRP027E Failed to create user `'user'`. Error code returned by `'command'` is error code.

Explanation: The system user creation command fails.

User response: Attempt to run the command again after rectifying the problem specified by the return error code. If the problem persists, contact IBM Software Support.

GLPGRP033W Cannot create group `'group'`. Error code returned by `'command'` is error code.

Explanation: The system group creation command fails.

User 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.

GLPGRP035E Failed to delete user `'user'`. Error code returned by `'command'` is error code.

Explanation: The command fails, it may be user is currently logged in.

User response: Attempt to run the command again. If the problem persists, contact IBM Software Support.

GLPGRP036E Pwdadm failed to clear `'user'` password.

GLPGRP037E `'OS'` is not a supported operating system.

GLPGRP038E Unable to change the access of `'directory'` directory.

GLPGRP040W `'command'` was unable to add user `'root'` to group `'command'`.

Explanation: The system command fails.

User response: Attempt to run the command again after rectifying the problem specified by the return error code. If the problem persists, contact IBM Software Support.

GLPGRP043E Failed to create user '*user*'. Error code returned by '*command*' is error code.

Explanation: The system command fails.

User 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.

GLPGRP045W Failed to modify file '*/etc/group*'.

GLPGRP046W The group '*group*' is not defined locally in the '*/etc/group*' file.

GLPGRP050E Required script '*script*' not found.

GLPGRP051E The '*User name*' user cannot be re-created because an instance already exists for the user.

GLPGRP052W If the Network Information Service (NIS) database is installed on the system, user properties modification is not recommended.

GLPGRP054E The primary group, '*group name*', of the user, '*user name*', is not a valid name and violates the naming rules.

Explanation: The program failed because the primary group of the directory server instance owner that was to be created is not valid.

User response: Specify a primary group name 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 above the naming rules.

GLPGRP055E The user ID specified, '*user name*', is not a valid name and violates the naming rules.

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

User response: Specify a user name according to the following rules: The user name must contain 1 to 8 characters. The name cannot be 'USERS', 'ADMINS', 'GUESTS', 'PUBLIC', or 'LOCAL'. The name cannot begin with 'IBM', 'SQL', or 'SYS'. The name cannot include accented characters. The name can 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.

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.

User response: See IBM Security Directory Server Product Overview 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.

User response: View the earlier error messages for information about the exact error.

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.

User 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.

User 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.

User response: Specify the *-i* option. Use the *-?* option to see the syntax for the command.

GLPHST011W The Admin Server 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 Server 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.

User response: Stop the Admin Server of the directory server instance using the `ibmdiradm -k` command and then start the Admin Server 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.

User response: Specify a valid IP address that is configurable for this computer.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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, _(underscore) 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.

User 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.

User 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. If a user is to be created, then the -G and -w options must be specified.

Explanation: The directory instance owner ID with the same name as that specified for directory server instance name does not exist on the system. If the user is to be created, then the -G and -w options must be specified.

User response: Specify an existing user ID on the system for the directory server instance name, or specify the -G and -w options and retry the operation.

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.

User response: Install the RDBM component or use the command without the -t option.

GLPICR018E The -e option is required.

Explanation: The -e option is required to specify the encryption seed for the directory server instance.

User 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.

GLPICR022E The directory server instance '*instance name*' already exists.

Explanation: Tried to create a directory server instance that already exists.

User 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.

User response: See IBM Security Directory Server

Product Overview 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.

User response: Review the earlier error messages for information about the exact error.

GLPICR027E Failed to register directory server instance: '*instance name*'.

Explanation: The program failed to register the directory server instance.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPICR030E Failed to create directory server instance: '*instance name*'.

Explanation: The program failed to create the directory server instance.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPICR051E Failed to create directories for directory server instance: *'instance name'*.

Explanation: The program failed to create the directories for the directory server instance.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

User 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.

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.

User 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.

User 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.

User response: Specify a DB2 instance name that is not already being used by another directory server instance.

GLPICR063E Failed to create Windows service for the administration server for directory instance: '*instance name*'.

Explanation: The admin server cannot be installed as a Windows service.

User 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 Security Directory Server Troubleshooting 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 server service was already installed and must have resided on the computer when creating the directory server instance.

User 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.

GLPICR067E Failed to create Windows service for directory server instance: '*instance name*'.

Explanation: The directory server instance cannot be installed as a Windows service.

User 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 Security Directory Server Troubleshooting 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.

User 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.

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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

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.

User response: Look in the IBM Security Directory Server Troubleshooting 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.

User response: Specify a directory server instance name that does not exist.

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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

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.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about

debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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.

User 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

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Add the directory server instance owner user name to the primary group of the directory server instance owner, or retry the operation by specifying the **-G** and **-w** options.

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.

User response: Add the directory server instance owner user name to the **idsldap** group, or retry the operation by specifying the **-G** and **-w** options.

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.

User response: Add root to the database instance owner's primary group, or retry the operation by specifying the -G and -w options.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

User 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.

User response: Unconfigure the database instance if another database instance needs to be configured. Otherwise, no further action is necessary.

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.

User 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 Security Directory Server

Troubleshooting 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Install the necessary files, or specify the -x option to create a proxy directory server instance.

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.

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

GLPICR129E Error on running the idsadduser program.

Explanation: An error occurred while invoking or running idsadduser.

User response: Correct the problem and retry the operation.

GLPICR131E The -G option must be specified in conjunction with -w and vice-versa.

Explanation: User has specified either the -G option without specifying -w or vice-versa.

User response: Specify both the options and retry the operation.

GLPICR132E The directory server instance owner, 'user name', must be a member of the group 'db2group'.

Explanation: The directory server instance must be a member of the DB2 extended security group.

User response: Add the directory server instance owner user name to the Windows DB2 extended security group or choose another user name that is already member of DB2 extended security group.

GLPICR135E Failed to set the DB2 registry for database instance 'DB2 instance' to allow DB2 SELECTIVITY.

Explanation: The command db2set DB2_SELECTIVITY=YES has failed for this database instance..

User response: Set the environment variable IBMSLAPD_USE_SELECTIVITY to 'NO' and rerun the command to create the instance.

GLPICR136W The DB2 registry for database instance 'DB2 instance' could not be set to allow DB2 SELECTIVITY but 'IBMSLAPD_USE_SELECTIVITY' is set to 'NO'.

Explanation: The command db2set DB2_SELECTIVITY=YES has failed for this database instance. The environment variable 'IBMSLAPD_USE_SELECTIVITY' is set to 'NO', so the failure will be ignored and instance creation will continue.

User response: Manually set the DB2_SELECTIVITY for the new database instance to YES using the db2set command and unset the environment variable IBMSLAPD_USE_SELECTIVITY or start the directory server with the environment variable IBMSLAPD_USE_SELECTIVITY to 'NO'.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Provide a valid LDAP URL: either ldap://hostname:port or ldaps://hostname:port.

GLPIDL012E The -sw option is required.

Explanation: The -sw option is required to specify the password of the source directory server administrator.

User 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

GLPIDL014E The -a option is required.

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

User 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

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.

User 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 should not be running in configuration only mode for this utility to run.

User 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.

User 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.

User response: Do not include the -x option to the command, or specify a source directory server that is not configured as an RDBM server.

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.

User 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.

User response: Ensure that the source directory server instance is running and accessible.

GLPIDL024E The source directory server is not running IBM Security Directory Server Version 6.3.1.

Explanation: The source directory server is not running a version of IBM Security Directory Server supported by this utility.

User response: Specify a source directory server that is running IBM Security Directory Server Version 6.3.1.

GLPIDL025E The source directory server type could not be determined.

Explanation: The source directory server type could not be retrieved.

User 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.

User response: If the wrong name was specified, specify a directory server instance name that exists. Otherwise, no action is required.

GLPIDL028E The specified directory, '*directory*', 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.

User 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.

User 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.

User 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.

User 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.

User response: Ensure that the source server is running and accessible.

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.

User 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 required, set `ibm-slapdSslPKCS11Enabled` to true.

Explanation: Verify the SSL configuration information before starting the new directory server instance.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: The libraries for the plugins must be made available to the target directory server instance system and added to the configuration.

GLPIDL051W The replication configuration was not successful. The online backup of the source server will not be performed.

Explanation: Unable to configure replication.

User response: Ensure that the source directory server instance is running and accessible.

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.

User 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.

User response: Check the logs for error messages.

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.

User 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.

User response: Specify an alternate source directory server that is not configured as a gateway server.

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.

User response: Either specify target and source operating systems that support backup and restore, or move the DB2 data in some other way.

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. Starting with the IBM Tivoli Directory Server 6.2 release this message is deprecated.

User 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.

User response: 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.

User response: Create the required entry manually for replication to work properly.

GLPIDL068E The directory server instance name specified, 'instance name', must match an existing user ID on the operating system. If a user is to be created, then the -G and -a options must be specified.

Explanation: The directory instance owner ID with the same name as that specified for directory server instance name does not exist on the system. If a user is to be created, then the -G and -a options must be specified.

User response: Specify an existing user ID on the system for the directory server instance name, or specify the -G and -a options and retry the operation.

GLPIDL069E The -G option must be specified in conjunction with -a and vice-versa when deploying a proxy instance.

Explanation: While deploying a proxy instance, user has specified either the -G option without specifying -a or vice-versa.

User response: Specify both the options and retry the operation.

GLPIDL070E Restore is not pending for the directory server instance 'instance name'.

Explanation: The directory server instance is not in restore pending state. Hence restore is denied.

User response: Make sure that restore is pending for the directory server instance and run the command again.

GLPIDP004E Failed to delete directory server instance: 'instance name'.

Explanation: The program failed to delete the directory server instance.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server

Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPIDP025E Failed to delete directories for directory server instance: 'instance name'.

Explanation: The program failed to delete the directories for the directory server instance.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPIDP031W Failed to delete Windows service for the admin server for directory server instance 'instance name'.

Explanation: The program failed to delete the Windows service for the admin server.

User response: Verify that the Windows service for the admin server still exists. If it does not exist, no further action is required. If the Windows service does exist, attempt to re-create the problem using the same directory server instance. If the problem persists, contact IBM Software Support.

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.

User 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 re-create the problem using the same directory server instance. If the problem persists, contact IBM Software Support.

GLPIDP037W Failed to remove entry from /etc/inittab for the admin server for directory server instance 'instance name'.

Explanation: The program failed to delete the admin server entry from the /etc/inittab file.

User 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.

User response: Specify a directory server instance name that does exist if the wrong name was specified. Otherwise, no action is required.

GLPIDP041E Failed to unregister directory server instance: *'instance name'*.

Explanation: The program failed to unregister the directory server instance.

User 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 Security Directory Server Troubleshooting 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.

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

GLPIDP046E The directory server instance *'instance name'* does not exist.

Explanation: Tried to delete a directory server instance that does not exist.

User response: Specify a directory server instance name that exists if the wrong name was specified. Otherwise, no action is required.

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.

User 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.

User 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.

User 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.

User 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, contact IBM Software Support.

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.

User response: Look in the IBM Security Directory Server Troubleshooting 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.

User response: Only try to drop the database instance for a directory server instance if a database instance already exists.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting 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.

User 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.

User response: None. Only try to drop the database instance for a directory server instance if one already exists.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPIDP080E Failed to remove backup files for directory server instance: 'instance name' from 'backup path'.

Explanation: The program failed to delete the backup for the directory server instance.

User response: Use the appropriate operating system command to remove the backup manually.

GLPIDP081W The backup location for directory server instance 'instance name' was not configured.

Explanation: No backup files exist to be removed.

User response: No additional information is available for this message.

GLPIDP082W The backup location '*backup path*' for directory server instance '*instance name*' does not exist.

Explanation: No backup files were found at the configured backup location.

User response: 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.

User response: See IBM Security Directory Server Product Overview 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 Security Directory Server Troubleshooting 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.

User response: View the earlier error messages for information about the exact error.

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.

User response: Specify either the `-a` or the `-r` option. Use the `-?` option to see the syntax for the command.

GLPISA004E You must be the root user to run this command.

Explanation: The link command cannot run because the user is not root.

User response: Log in as the root user and run the link command again.

GLPISA006E Not a supported operating system: *OS*

Explanation: This link command can only be run on Linux, AIX, Solaris and HP-UX operating systems.

User 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`.

User response: Rename the program to `idslink` or `idsrmlink` and try again.

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.

User response: Find the correct version and try again.

GLPISA013W Target file not found: *Target File*

Explanation: This link command tried to set a symbolic link to the target file and failed.

User response: If this link is required, verify the target file path and create the link manually.

GLPISA016E `Bitmode=BITMODE` is not a supported bit mode.

Explanation: Client library files are provided with 32 bits or 64 bits only.

User response: Provide the correct bit mode to the client libraries option, and try again.

GLPISA017E Failed to run: *command to execute*

Explanation: Failed to run the specified command.

User 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.

User 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.

User 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.

User response: Try again, specifying all the options correctly.

GLPISA021E Invalid argument=option argument

Explanation: See the usage description for details.

User response: Provide a correct argument option, and try again.

GLPISA023W Overriding conflict of set description is not allowed because a version of IBM Security Directory Server that is before 6.0 exists.

Explanation: A version of Directory Server before version 6.0 exists on the system.

User response: Uninstall the older version of Directory Server, and try again.

GLPISA025W Conflicts found. Cannot set links for set description.

Explanation: Conflicts exist.

User response: Rerun the command with the force option.

GLPISA035E Lists to copy are empty or corrupted.

Explanation: This is an internal error. Global static link lists to copy are corrupted or empty.

User 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.

User response: Check the script if the global from lists and to lists have the same number of elements.

GLPISA037W Not a valid IDSSWebApp.war file.

Explanation: There is no IDSSWebApp.war file found at the specified location.

User response: Check to see that IDSSWebApp.war file exists at the specified location; specify the correct path.

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.

User response: Specify a different profile name.

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.

User response: Check to see that all the parameters specified are correct and valid. For more information use -usage option.

GLPISA046E The IDSSWebApp.war uninstallation failed. Upgrade cannot continue.

Explanation: Uninstallation of the IDSSWebApp.war file has failed.

User response: The previous version of Embedded WAS might not have IDSSWebApp.war deployed. Make sure that the IDSSWebApp.war file is deployed.

GLPISA047E The Embedded WAS PreUpgrade failed. Upgrade cannot continue.

Explanation: Embedded WAS PreUpgrade has failed.

User 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.

User response: An error occurred while running the PostUpgrade command. Contact the system administrator.

GLPISA049E Error copying the IDSSWebApp.war file. Upgrade cannot continue.

Explanation: Cannot copy IDSSWebApp.war file.

User response: The IDSSWebApp.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.

User response: An error occurred while running the wsadmin command. Contact the system administrator.

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.

User response: Specify a different profile name.

GLPISA053E The current Embedded WebSphere Application Server directory contains a deployed IBM Security Directory Server Web Administration Tool. Upgrade cannot continue.

Explanation: Embedded WAS already contains a deployed Web Administration Tool.

User response: Uninstall the current Web Administration Tool and try again. If the problem persists, contact the system administrator.

GLPISA054E The current IBM Security Directory Web Administration tool must be installed.

Explanation: The Web Administration tool is not installed.

User 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.

User 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.

User response: Make sure the source and destination directories exist.

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.

User 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.

User response: Contact the directory server administrator.

Administrator response: Specify all the required parameters for initializing the server for SSL.

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.

User response: Verify that the base DN of the supplier and consumer servers are not null and that the encryption settings for the servers match.

GLPJPB013E Exception: *exception text*

Explanation: An exception occurred while performing the requested task. The displayed message gives more information about the exception.

User response: View the displayed message for more information about the exception.

GLPJPB015E 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.

User response: Use the tool with a supported version of IBM Tivoli Directory Server.

GLPJPB016W Password policy is not enabled on one of the servers. Password policy attributes on entries will be ignored during comparisons.

Explanation: See message.

User response:

GLPJPB017E 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.

User response: Verify that the file path is correct. If the user does not have enough permissions to access the file, contact the system administrator.

GLPJPB018E 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.

User response: Verify that the file exists at the specified location and check the access permissions.

GLPJPB019E 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 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Retry the operation again. If the error persists, contact the directory server administrator.

GLPJB028E 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.

User response: Retry the operation again. If the error persists, contact the directory server administrator.

GLPJB029E No naming contexts were found in the rootDSE for this server.

Explanation: There are no naming contexts defined in the directory server.

User response: Define a naming context for the directory server and then retry the operation.

GLPJB030E No subschemasubentry found in rootDSE.

Explanation: The attribute containing the DN for the schema location is missing from the root directory server entry.

User response: Define a subschemasubentry for the directory server and then retry the operation.

GLPJB031E An exception occurred during search: *exception details.*

Explanation: An error occurred while performing a search operation on the directory server.

User 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.

GLPJB032E Error occurred while processing search results for server: *error details.*

Explanation: An error occurred while iterating through the search results on the given server.

User response: Retry the operation. If the error persists, contact the directory server administrator.

GLPJB033E 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.

User response: Verify that the user has enough permissions for setting the properties.

GLPJB034E 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.

User response: Use the tool with IBM Tivoli Directory Server version 5.1 or higher.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

GLPJB052E 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.

User response: Contact the directory server administrator.

GLPJB054E 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.

User response: Contact the directory server administrator.

GLPJB055E Supplier and consumer servers cannot be the same.

Explanation: The tool requires that the two servers be different. The tool will exit.

User response: Specify two different servers as supplier and consumer.

GLPJP056E Internal error occurred.

Explanation: An error occurred while removing controls from the previous request.

User response: Contact the directory server administrator.

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.

User 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.

User 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.

User 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.

User 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.

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.

User 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.

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

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.

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

GLPKEY013E Failed to create directory key stash file: '*filename*'.

Explanation: The program failed to create the new directory key stash file.

User 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 Security Directory Server Troubleshooting 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.

User response: See IBM Security Directory Server Product Overview 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.

User response: Review the earlier error messages for information about the exact error.

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.

User response: Correct the error in the entry and reload the entries affected by this error in the LDIF file.

GLPL2D004E **ldif2db: Cannot authenticate DN and password.**

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

User 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.

User 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.

User response: Make sure that IBM Security Directory Server is not running for this directory instance and that there are no other applications attached to the directory database. Stop the IBM Security 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 Security 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.

User 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).

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Verify the name and format of the specified LDIF file and try the request again.

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.

User 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.

User response: Free some disk space and restart the log management tool.

GLPLMT005E Value of *attribute* is invalid

Explanation: Value of the specified configuration attribute is not in the proper format.

User response: Correct the format and retry the operation.

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.

User response: Specify the value of the attribute.

GLPLMT013E Cannot contact CARS server *hostname* at *port*

Explanation: The CARS server running at specified hostname and the port cannot be contacted.

User 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.

User response: Check the status of the CARS server.

GLPLMT016E Invalid command line options. The -I option cannot be specified with -t -a and -p.

Explanation: -I option has been specified with one or more of -t, -a and -p options.

User response: If log management capability is to be started for a server instance, then specify instance name as the value for -I option and do not specify any other option. If the log management capability is already started and needs to be stopped, then specify -k option along with -I option. If log management capability for admin tool's log file (idsadm.log) and log management tool's log file (idslogmgmt.log) is to be started, then specify one or more of -t, -a and -p, but do not specify any of -I and -k options.

GLPLMT017E The instance *instancename* specified does not exist.

Explanation: The directory server instance for which log management capability is to be started or stopped does not exist.

User response: Specify the correct name of directory server instance and retry the operation.

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.

User 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).

User 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: -k option has been specified with one or more of -t, -a and -p options.

User response: If the log management capability is to be stopped for a directory server instance, then specify -k option along with -I option, and do not specify any of the -t, -a and -p options. If log management capability for admin tool's log file (idsadm.log) and log management tool's log file (idslogmgmt.log) is to be started, then specify one or more of -t, -a and -p, but do not specify any of -I and -k options.

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.

User response: Retry running the tool. If the problem persists, contact IBM support.

GLPLMT022E Log Management capability for this server instance is already enabled.

Explanation: Attempted to start log management capability for a directory server instance, but the log management capability is already started.

User response: No action is needed by the operator.

GLPLMT023E Log Management capability for this server instance is already disabled.

Explanation: Attempted to stop log management capability for a directory server instance, but the log management capability is already stopped.

User response: No action is needed by the operator.

GLPLMT024E Unable to get TDI server's port number.

Explanation: Unable to get the TDI server's port number from solution.properties file.

User response: Retry the operation. If the problem persists, contact IBM support.

GLPLMT025E File *file* does not exist. Unable to get TDI server's port number.

Explanation: Unable to get the TDI server's port number because the solution.properties file does not exist.

User response: Retry the operation. If the problem persists, contact IBM support.

GLPLMT027E Invalid command line options. The -k option can be used only in conjunction with -I.

Explanation: -k option has been specified without specifying -I option.

User response: For stopping the log management capability for a directory server instance, specify both -I and -k options and retry the operation.

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.

User 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.

User response: Ensure that the V3.modifiedschema file exists in the backup directory because the migration utility will copy the file from that location.

GLPMIG005E Unable to modify V3.modifiedschema file with information in '*filename*' file.

Explanation: The V3.modifiedschema file cannot be modified to have the OIDs listed in the given file removed.

User 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.

User 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.

User response: Ensure that the target directory exists and is accessible.

GLPMIG009E Unable to read file, '*file*', in directory, '*directory*'.

Explanation: File cannot be read.

User response: Ensure that the target file exists and is readable.

GLPMIG010E Unable to copy file '*filename1*' to '*filename2*' file.

Explanation: File cannot be copied.

User 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.

User response: Ensure that the target file exists and is readable.

GLPMIG012E Unable to delete file, '*filename*'.

Explanation: File cannot be deleted.

User response: Manual removal of the file might be necessary.

GLPMIG013E Unable to write file, '*filename*', to directory, '*directory*'.

Explanation: File cannot be written.

User 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.

User 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.

User 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.

User 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.

User response: Ensure that the backup files are present and the current version is correctly installed.

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.

User 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 Security 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.

User response: Ensure that all files are backed up and try migration again. Refer to the IBM Security Directory Server Installation and Configuration Guide for information about the files needed for migration.

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.

User response: Ensure that the directory server instance is successfully created. Refer to the IBM Security Directory Server Troubleshooting 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 will be automatically resolved.

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 will be automatically resolved by removing the conflicting schema definitions from the other included schema files.

User response: If any collisions were reported during migration, no manual intervention is required to fix them.

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.

User 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 Security Directory Server configuration. Verify that the current IBM Security Directory Server installation is complete.

GLPMIG026E Unable to read in configuration file, 'filename'.

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

User response: Ensure that the given file exists and is readable.

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 Security Directory Server Installation and Configuration Guide.

User response: Refer to the IBM Security Directory Server Installation and Configuration Guide for migration steps from version 3.2.2.

GLPMIG034E The -u option must be specified for the backup directory.

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

User response: Specify the -u option. Use the -? option to see the syntax for the command.

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.

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

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.

User 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.

User 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.

GLPMIG043W • GLPMIG054E

User 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.

User 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.

User response: Update the configuration file to contain the correct path to the schema file.

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.

User 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.

User 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 required 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.

User response: Refer to the IBM Security 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 or higher versions to higher versions for an existing TDS instance. The schema and backup files will be taken from the standard instance location.

User response: Correct and rerun the command.

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 or higher versions to higher versions for an existing TDS instance. The existing keystash files will be taken from the standard instance location.

User response: Correct and rerun the command.

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.

User response: Correct the DB2 version string and rerun the command.

GLPMIG054E An error occurred while migrating schema and configuration files. The files were successfully restored to their original state.

Explanation: If migration encounters an internal error

while migrating schema and configuration files, the files are restored to their original state before exiting.

User response: See the earlier error messages for details regarding the failure. Rectify the error and re-run migration.

GLPMIG055E An error occurred while migrating schema and configuration files. The files could not be restored to their original state.

Explanation: Migration encountered an internal error while migrating schema and configuration files and was unable to restore the files to their original state.

User response: See the earlier error messages for details regarding the failure. Rectify the error and re-run migration.

GLPMIG057E Error while allocating memory.

Explanation: The migration code path is unable to allocate the necessary storage to continue processing.

User response: See IBM Security Directory Server Product Overview 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.

GLPMIG058E Unable to migrate a RDBM instance into a PROXY only installation environment.

Explanation: Since a proxy only installation environment does not have necessary files to support a RDBM instance, this scenario is not allowed.

User response: Make sure you have installed the RDBM component of the TDS server to carry out migration of a backed-up RDBM instance.

GLPMIG059W Unable to start the task of DB2 instance and database migration because of insufficient information.

Explanation: The name of the associated DB2 instance and database should be available in the backed-up configuration file and these should also be present physically on the system where migration is being attempted. In case any of the above information is missing or could not be retrieved, the DB2 migration task is not attempted.

User response: Make sure the necessary information is available for the tool to proceed with the required task.

GLPMIG068E Unable to retrieve DB2 information from the ldapdb.properties file.

Explanation: Either the ldapdb.properties file is not existing, or is not accessible, or does not contain DB2 installation path or DB2 version or both.

User response: Check that the file is existing and is accessible. Also check if it has all the required DB2 information.

GLPMIG074E Remote migration is detected on the system when the server instance already exists.

Explanation: Remote migration is detected on the system when the server instance already exists. This is an invalid scenario because remote migration can be performed only when server instance and the database instance do not exist on the system.

User response: If remote migration is to be performed, delete the server instance and retry the command with -I, -u and -l options. Refer to the command reference guide for details about these options.

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.

User 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.

User response: Provide the correct path and name of the tuning input property file.

GLPPFT004E Unable to find the status file *fileName*.

User response: The perftune_stat.log file must be available in the instance specific logs directory to run the performance tool.

GLPPFT006E Incorrect combination of command line options. Monitor switches can either be enabled or disabled.

User 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.

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.

User 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*

User 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

User response: Correct the error in the property file specified in the error message.

GLPPFT021E Unable to bind to server.

User response: Provide the correct hostname and port number of the server.

GLPPFT022E Incorrect command line option specified.

User response: Refer to the command usage to get more information.

GLPPFT023E Incorrect filtercache size specified.

User response: Enter a positive integer value for the filter cache and then retry the operation.

GLPPFT025E Out of memory.

User response: Verify that the system has sufficient memory.

GLPPFT026E An internal error occurred while running the idsperftune command.

User 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* .

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.

User 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.

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.

User response: See IBM Security Directory Server Product Overview 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.

User response: View the earlier error messages for information about the exact error.

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.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPPRT016E Failed to set admin server port to '*port number*' for directory server instance: '*instance name*'.

Explanation: An internal error occurred while trying to change the admin server port.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

GLPPRT019E Failed to set admin server secure port to '*port number*' for directory server instance: '*instance name*'.

Explanation: An internal error occurred while trying to change the admin server secure port.

User response: Look in the IBM Security Directory Server Troubleshooting 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.

User 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.

User 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 an integer.

User 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.

User 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.

User 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.

User 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.

User response: Specify the -a, -c, -p, or -s option. Use the -? option to see the syntax for the command.

GLPPRT027W The admin server for the directory server instance is currently running and must be restarted for the change to the port to take effect.

Explanation: The admin server for the directory server instance was running when the port was reconfigured. Therefore, the admin server must be restarted in order to bind to the new port.

User response: Stop the admin server of the directory server instance using the `ibmdirctl` command and then start the admin server again using the `ibmdiradm` command.

GLPPRT028W The admin server 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 server for the directory server instance was running when the secure port was reconfigured. Therefore, the admin server must be restarted in order to bind to the new secure port.

User response: Stop the admin server of the directory server instance using the `ibmdirctl` command and then start the admin server 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.

GLPPXY002E • GLPPXY012E

User 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 in the configuration file.

GLPPXY002E The URL *ldap:// qualified URL* is invalid.

Explanation: The proxy server was unable to parse the URL in the configuration file.

User response: Verify that the URL is typed correctly. Fix any errors.

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.

User 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. Connection cleanup enabled on a back-end server can also cause connections from the proxy server to be dropped.

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.

User 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.

User response: Verify that the connection pool size in the configuration file is greater than zero.

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.

User 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 running either an older version of IBM Security Directory Server that does not support this control, or the control has been disabled on the system.

User response: Verify that the configuration file points to a valid, running IBM Security Directory Server that supports this control and the control is enabled.

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 running either an older version of IBM Security Directory Server that does not support this capability, or the capability has been disabled on the system.

User response: Verify that the configuration file points to a valid, running IBM Security Directory Server that supports this capability and the capability is enabled.

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.

User response: Define your distributed topology correctly in the configuration file so that the proxy server can function properly. See the IBM Security 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.

User 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.

User 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.

User response: Add data partitions that are valid. Refer to the IBM Security 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.

User response: Verify that the configuration file contains a complete distributed topology, and that it matches the expected deployment. See the IBM Security 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.

User response: Verify that the configuration of the proxy server matches the distributed topology. Refer to the IBM Security 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 either an older release of IBM Security Directory Server that does not support this extended operation, or the extended operation is disabled.

User response: Verify that the configuration file points to a running version of IBM Security Directory Server that supports this extension and the extension is enabled.

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. If the `-n` option was not specified, the proxy server will be started in configuration only mode.

User response: Verify that the back-end servers are running and are reachable from the proxy server's network.

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.

User response: View the corresponding back-end server's logs.

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.

User 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.

User 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.

User 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 A partition number *number* that is not valid is returned by the DN partitioning plugin for *DN*.

Explanation: A partition number that is not valid is returned by the DN partition plugin.

User 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.

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.

User 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 Security Directory Server Administration Guide for more information.

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.

User 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.

User 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.

User 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 from 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.

User 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.

User response: Decrease the number of allowed concurrent transactions, or 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.

GLPPXY052W • GLPPXY083E

Explanation: Unable to send the request to the back-end server because all the connections are currently in use by transactions.

User 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.

User 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.

User response: Check the entry in the configuration file and correct any errors.

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.

User 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.

User response: Verify that the proxy status interval in the configuration file is not negative. A value of zero is allowed to disable health check.

GLPPXY074E **Unsupported scope specified on ibm-allMembers search. Only base level ibm-allMembers searches are allowed.**

Explanation: As ibm-allMembers search involves a lot of processing it is only supported for base scope on distributed directory.

User response: Try ibm-allMembers search with base scope.

GLPPXY077E **The proxy server configuration is missing the required split container for cn=ibmpolicies.**

Explanation: Split container for cn=ibmpolicies is mandatory for proxy server to start.

User response: Add split container and splits for cn=ibmpolicies.

GLPPXY080E **Unsupported scope specified on ibm-allGroups search. Only base level ibm-allGroups searches are allowed.**

Explanation: As ibm-allGroups search involves a lot of processing it is only supported for base scope on distributed directory.

User response: Try ibm-allGroups search with base scope.

GLPPXY081E **Unsupported NULL based subtree search requested.**

Explanation: NULL based subtree searches are not supported in a distributed directory.

User response: Modify the search request to specify a base.

GLPPXY082E **Unsupported attribute attribute type on compare request.**

Explanation: Compare requests on some attributes are not supported in a distributed directory.

User response: Modify the compare request to specify a different attribute.

GLPPXY083E **Update operations are not allowed on the split point entry entry DN.**

Explanation: Update operations including add, modify, delete, and rename on the split point entry are not supported in a distributed directory.

User response: The update request should be performed directly on the back-end server.

GLPPXY084W The local administrator *entry DN* has requested the schema updates. The updates will not be propagated to the backend servers.

Explanation: The updates are performed only in the schema files of the proxy server and are not propagated to the backend servers if requested by a local administrator.

User response: If schema updates are to be propagated to the backend servers, use the Global Administrative Group Member credentials to perform them.

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.

User 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.

User 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.

User 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.

User 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 *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.

User 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.

User 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.

User 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.

User 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.

User response: Modify the request and try again.

GLPRDB010E An explicit owner must be set in order to change or delete this attribute value.

Explanation: The LDAP server cannot complete the request because an explicit owner does not exist.

User 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.

User 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', 'group', and 'role'.

Explanation: The LDAP server cannot complete the request because the DnType specified is not correct.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 required.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: To see which attributes have been cached, view the monitor information. If additional attribute caches are required, 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.

User 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.

User response: Restart the server or reconfigure the attribute cache values. The attribute cache values can be reconfigured using the IBM Security 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.

User 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.

User response: Do not try to add the reported attribute to the list of attributes with unique values. If unique values are required 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Either change the directory schema definitions to allow the required 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.

User response: Either change the directory schema definitions to allow the required 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 Security 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Correct the permissions in the request and try again.

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.

User 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.

GLPRDB101W Encrypted attribute *attribute_name* cannot be made unique.

Explanation: The unique attribute feature does not support encrypted attributes.

User 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.

User 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: Starting with the IBM Tivoli Directory Server 6.1 release this message is deprecated. The DN of the password policy entry specified for the user or group entry is not valid.

User response: The DN of the password policy entry must be specified in accordance with DN grammar.

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.

User 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.

User 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.

User 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.

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.

User 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.

User 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.

User 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.

GLPRDB111E The server is unable to use the username and password combination for the DB2 instance owner in the configuration file to establish a connection to the database.

Explanation: When attempting to connect to the database instance with the user name and password specified in the configuration file for the directory server instance, the directory server instance received an error due to the user/password combination.

User response: Ensure that the password given is valid for the user id on the system and that the account is not locked or otherwise unable to login. The password given in the configuration file for the directory server instance may need to be updated to reflect the current password on the system.

GLPRDB112E An attempt to delete entry `entry name` failed. The return code from creating a tombstone is *LDAP return code*.

Explanation: An internal error occurred. The delete operation cannot proceed.

User response: If the error refers to a database backend, make sure that a DB2 database has been properly configured. If the error refers to LDAP configuration, make sure that the tombstone subtree is properly created. If the problem cannot be resolved, contact IBM Software Support.

GLPRDB113E An attempt to delete entry `entry name` failed. The return code from the delete operation is *LDAP return code*.

Explanation: An internal error occurred. The delete operation cannot proceed.

User response: If the error refers to a database backend, make sure that a DB2 database has been properly configured. If the error refers to LDAP configuration, make sure that the tombstone subtree is properly created. If the problem cannot be resolved, contact IBM Software Support.

GLPRDB114W The deleted entry `entry name` has been restored, but the entry's group membership is not restored.

Explanation: The entry that has been deleted is restored.

User response: The deleted entry has been restored, but the entry's group membership is not restored.

GLPRDB118E Failed to update the database configuration for LOGARCHMETH1 for database `database` to method `archive method`.

Explanation: The update to the database configuration to enable or disable online backup has failed.

User response: Check the `db2cli.log` file and correct any reported errors.

GLPRDB121W All members of group '`group DN`' have been replaced.

Explanation: A modify operation was performed on the group to replace all the members or unquiemembers. In a multi-master replication environment this may cause the group entry to go out of sync.

User response: If multi-master replication is setup then the administrator should verify the content of the group on all replicas and manually synchronize the group if necessary.

GLPRDB122E The environment variables `LDAP_MAXCARD` and `IBMSLAPD_USE_SELECTIVITY` cannot both be set to YES.

Explanation: The environment variable `LDAP_MAXCARD` causes the directory server to periodically set the cardinality of selected tables to the maximum value. This causes better performance for some types of searches. The environment variable `IBMSLAPD_USE_SELECTIVITY` can also be set to YES to improve performance for some searches. Both variables cannot be set to YES.

User response: Unset either `LDAP_MAXCARD` or `IBMSLAPD_USE_SELECTIVITY` in the environment before starting the server.

GLPRDB131E Failed to update DB2 statistics for table '`table name`' for instance '`instance name`' with `SQLCODE DB2 sqlcode`.

Explanation: Table statistics are refreshed before determining which entries in the directory should be used with DB2 selectivity in subtree searches as the directory server starts. Since the statistics could not be updated, due to this failure, DB2 selectivity will not be used.

User response: Check for additional messages in the db2cli.log file that may indicate the cause of the failure and make any corrections called for.

GLPRDB132E Reading the database for the *eid* entry *id* returned null data.

Explanation: Possibly the *eid* is not present in the entry cache or its a busy entry.

User response: Either retry or specify the correct entry *id*.

GLPRDB133E The attribute *attr type* contains a language tag, but language tags are not enabled.

Explanation: Language tags need to be enabled for the attributes that contain a language tag.

User response: Enable language tags.

GLPRDB134E The maximum filter limit that is set in `IDS_MAX_SEARCH_FILTER_LEVEL` =*max filter* exceeded for the assertion control on the host, *host*, with conn *id*, *conn id* and is bound with *dn*, *dn*

Explanation: The maximum limit of the search filter level exceeds for assertion control.

User response: Ensure that the search filter level is in the specified limits for assertion control.

GLPRDB145E Invalid replication filter *attribute value* specified in entry '*entry dn*'.

Explanation: Starting with the IBM Tivoli Directory Server 6.2 release this message is deprecated. This message is replaced by the message having tag GLPRPL145E. The replication filter value specified is not valid.

User response: The replication filter value must be specified as per filter grammar.

GLPRDB146E Replication filter value is not specified.

Explanation: Starting with the IBM Tivoli Directory Server 6.2 release this message is deprecated. The replication filter value is not specified.

User response: The replication filter value must be specified as per filter grammar.

GLPRDB147W Attribute *attribut name* is not found in schema.

Explanation: The attribute to be deleted is not found in the server schema.

User response: Check the name of the attribute to be

deleted and retry the operation.

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.

User 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.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: This is an internal processing error. If the problem persists, contact IBM Software Support.

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.

GLPRPL020E • GLPRPL033E

User 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.

User 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.

User 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.

User response: If the replica should not receive changes 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.

User 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' return code 'return code'. Will try again.

Explanation: Problem occurred while retrieving data from the replication change table for the entry.

User 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.

User 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.

User 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.

User response: Review the errors and contact IBM Software Support if problem persists.

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.

User 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.

User 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.

User 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.

User 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

User 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.

User 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.

User 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 Replication 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.

User 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.

User 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.

User 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.

GLPRPL043W • GLPRPL053E

User 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.

User response: Compare the DN entries on the supplier and consumer to ensure that they match.

GLPRPL044E Server failed to acquire Kerberos credential for the replica '*replication agreement DN*'.

Explanation: The LDAP server failed to acquire Kerberos credentials for a replica.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Depending on the error, take the proper actions to correct the error on either the supplier or the consumer.

GLPRPL053E Error retrieving pending change count for replica '*entry name*'.

Explanation: Problem occurred while retrieving pending change count from the database for this replica.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: There might be some problem with the database. If the problem persists, contact IBM Software Support.

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.

User 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.

User 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.

User response: Move the entry within a single replication context, or delete the entry and then add it in the required replication context.

GLPRPL064E The replication configuration could not be read.

Explanation: A problem was encountered during the configuration of replication.

User 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.

User 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.

User 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.

User 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 initialize the replication error log in the database. The server will run in configuration mode.

User response: This is an internal processing error. If the problem persists, contact IBM Software Support

GLPRPL070E Propagation of replication topology entries to host *hostname* port *port number* failed with error code *rc*.

Explanation: Propagation of replication topology entries to the target server is in error.

User response: Correct the error on the target server and retry the operation.

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.

User 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.

User 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.

User 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.

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.

User 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 the target server *hostname* port *port number* because the target server does not have the suffix *suffix*.

Explanation: The extended operation failed to replicate entries to the target server because the target server does not have a proper suffix and does not support dynamic suffix creation by a supplier server.

User response: Manually add a proper suffix to the target server's configuration file to accommodate the entries to be sent by the supplier.

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.

User 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.

User 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
numberAvailable bytes.

Explanation: The server failed to format a string in the available space.

User 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.

User 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.

User response: Make sure the context entry on the target server is in the proper state. For example, cannot

quiesce an already quiesced context.

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.

User response: Make sure the context entry on the target server is in the proper state. For example, cannot unquiesce a context that is not quiesced.

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.

User response: The suffix can be added manually on the target server before re-trying the extended operation.

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.

User 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.

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.

User response: Check to make sure that the target server is up and running.

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.

User 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.

User response: Change the timeout option to make sure that enough time is given to run the extended operation.

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.

User response: The error remains in the replication error log and can be attempted again or removed.

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.

User 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.

User response: Clear one or more errors in the replication error log by successfully retrying them or by removing them. Increase the maximum limit 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.

User response: Clear one or more errors in the replication error log by successfully retrying them or by removing them. Increase the maximum limit for replication errors in the configuration.

GLPRPL110E Replication for DN '*replication agreement*' terminated because of an unsupported replication method. *method*.

Explanation: The method for this replication is not valid.

User 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.

User 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.

User 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.

User response: Check system resource limits that impact the number of threads a process can have or the amount of memory available.

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.

User 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.

User 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.

User 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.

User 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.

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

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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.

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.

User 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.

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.

User 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.

User 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 inclusion/exclusion list. If specified, these will not be considered for filtering of attributes from entries during replication.

User response: Only specify non-operational attributes as part of the inclusion/exclusion list in a replication filter.

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.

User response: Use a password encryption setting that is supported by all servers, or upgrade the consumer server to a version that supports the required 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.

User response: Make sure that no other object, such as a replication agreement object, is referencing this object before deleting this object.

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.

User 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.

User 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.

User 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.

User response: Make sure that only objectclasses defined in the schema are specified in the replication filter.

GLPRPL145E Invalid replication filter '*attribute value*' specified in entry '*entry dn*'.

Explanation: The replication filter value specified is not valid.

User response: The replication filter value must be specified as per filter grammar.

GLPRPL146W Replication conflict: modification to '*entry name*' was rejected because it has modification timestamp equal to the target entry timestamp.

Explanation: Replicated entry timestamp will be equal to the target entry timestamp only if the replicated entry is updated on the consumer server and result is not acknowledged by the supplier due to communication failure and the entry is resent by the supplier.

User response: Check that no updates have been lost by comparing the contents of this entry on all the servers in the replication topology.

GLPRPL147E Cannot replicate to consumer because it does not support SHA2 and Salted SHA2 algorithm families. Replica: '*replication agreement*'.

Explanation: The schema contains one or more encrypted attributes with SHA224, SHA256, SHA384, SHA512, SSHA224, SSHA256, SSHA384, or SSHA512. Encrypted attributes cannot be replicated to this consumer because it does not support these encryption schemes. Replication to the consumer will not be started.

Programmer response: Change the attribute definitions in the schema so that attributes are not encrypted or encrypted using the schemes supported by consumer.

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.

User response: Specify a valid server type, such as Master, as the value of *ibm-slapdMigrationInfo* attribute.

GLPRUN002E The *idsrunstats* tool is unable to run because of initialization error.

Explanation: The *idsrunstats* tool is unable to start because of an initialization error.

User response: View earlier error message to see why *idsrunstats* did not run. Run the *idsrunstats* tool again after fixing the problem. If no previous error message was printed, contact IBM Software Support.

GLPRUN004E Failed to retrieve the list of tables to update index statistics.

Explanation: The *idsrunstats* tool is unable get the list of tables to update statistics.

User response: View earlier error message to see why *idsrunstats* did not run. Run the *idsrunstats* tool again after fixing the problem. If the problem persists, contact IBM Software Support.

GLPRUN007W Index statistics on table '*tablename*' could not be updated at this time.

Explanation: The *idsrunstats* tool is unable to update index statistics for the table.

User response: Run the *idsrunstats* tool in debug mode to get detail messages. Run the *idsrunstats* tool again after fixing the problem. If the problem persists, 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.

User 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.

User 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.

User response: Make sure only digits follow the '.' character.

GLPSCH004E Data source: *file name: line line number:*
 expected non-empty quoted string, but could not find it at or before *variable*.

Explanation: Encountered an empty quoted string.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Make sure alternate definitions of an attribute are not split into more than one file.

GLPSCH022E **Data source:** *file name: line line number:*
inconsistent *variable, variable and variable* **(with object ID** *variable***).**

Explanation: Alternate definitions of an attribute are consistent.

User 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.

User 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.

User 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.

User 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.

User response: None.

GLPSCH027E *variable variable* **does not exist; replace operation failed.**

Explanation: Attempted to replace an attribute that is not defined.

User response: None.

GLPSCH028E *variable variable does not have a syntax definition.*

Explanation: Attribute does not have a syntax definition.

User 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.

User 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.

User 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.

User response: None.

GLPSCH032E *variable variable cannot be deleted. It is still being used.*

Explanation: Attempted to delete an object that is in use.

User response: None.

GLPSCH033E *Missing LDAP V3 specification for variable attribute.*

Explanation: LDAP V3 specification for an attribute is missing.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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 .

User 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.

User 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.

User 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.

User 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.

User response: Do not encrypt this attribute.

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.

User 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.

User response: Do not define this attribute as encrypted using the schema; use the server password encryption policy.

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.

User 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.

User response: Change the attribute definition to use a length of at least 32, or do not encrypt the attribute.

GLPSCH052W **Invalid value** *'value'* **set for attribute encryption. Assuming AES256 encryption format.**

Explanation: Attribute level encryption accepts only one of following values: AES-128 AES-192, AES-256, SHA, SHA-224, SHA-256, SHA3-84, SHA-512, SSHA-224, SSHA-256, SSHA-384, or SSHA-512 If SHA-2 feature is not enabled then SHA-224, SHA-256, SHA-384, SHA-512, SSHA-224, SSHA-256, SSHA-384, and SSHA-512 are not allowed.

User response: If SHA-2 feature needs to be enabled, ibm-slapdUseNonFIPSCrypt should be set to true in cn=configuration entry, otherwise set appropriate encryption method.

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.

User 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.

User 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.

User 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.

User response: Verify that the system is not overloaded and is configured correctly.

GLPSRV010E Server unable to start due to attribute dependency check failure.

Explanation: The server is unable to start due to attribute dependency check failure.

User 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.

User response: Make sure different ports are specified for SSL and non-SSL ports.

GLPSRV012E A primary administrator DN and administrator PW must be specified in the server configuration.

Explanation: The server encountered either a blank adminDN or adminPW parameter in the configuration file.

User response: Ensure that both adminDN and adminPW are specified 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.

User response: Remove the socket file associated with the AF_UNIX domain and restart the server.

GLPSRV014E An attempt to set a TCP/IP parameter has failed. The operating system returned error *error value (error string)*.

Explanation: The server received an error while

attempting to set options for the TCP/IP socket option: TCP_NODELAY.

User response: Ensure that TCP/IP is operating correctly.

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.

User 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.

GLPSRV027E Server failed to acquire Kerberos credential.

Explanation: The server failed to acquire Kerberos credentials for the server principal.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Increase the transaction time limit in the server configuration.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

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.

User 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.

User response: Verify the reaping parameters are acceptable. See the IBM Security 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.

User 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.

User response: Verify that anonymous access to the server should be allowed.

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.

User 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.

User 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.

User response: Ensure that the IBM LDAP Trace Facility is on. For example, run 'ldtrc on' or use the ldaptrace command.

GLPSRV056E Server unable to disable tracing dynamically.

Explanation: The server was unable to turn off tracing as requested.

User 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.

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.

User 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.

User response: Make sure the requested debug level is the value required. 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.

User response: Make sure the path name and the file name are valid and that the file permissions are correct.

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='.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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='.

User 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='.

User 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.

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A Kerberos ID must start with 'ibm-kn=' or 'ibm-kerberosName='.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Make sure the requested debug level is the value required. 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.

User response: Make sure the path name and the file name are valid and that the file permissions are correct.

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.

User 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.

User 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.

User response: Ensure that TCP/IP is operating correctly.

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.

User response: Specify only the -a or -n option, depending on the required 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.

User 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.

User 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.

User response: Reduce the number of operations in the transaction and try again.

GLPSRV091E Null based one level search is not supported.

Explanation: The requested NULL based one level search is not supported.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Make sure the operating system is properly configured.

GLPSRV099E Unable to open audit log file 'filename'.

Explanation: The server is unable to open the audit log file.

User 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.

User 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.

User response: Verify that the DN and data for the entry are correct.

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.

User response: Make sure correct attributes are specified for all entries.

GLPSRV106E Communications error: error string.

Explanation: Critical communication error occurred.

User response: Make sure the TCP/IP protocol stack is configured correctly.

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.

User 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.

User 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.

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.

User response: Look in the IBM Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User 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.

User 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.

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.

User 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 re-create 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.

User 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.

User 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.

User response: Specify only the -i or -u option.

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.

User 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.

User 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.

User response: Specify only the -k or -n option.

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.

User 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.

User 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.

User response: See the IBM Security 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).

User response: Verify that the reaping parameters are acceptable. See the IBM Security 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.

User 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.

User 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.

User 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

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operation was greater than the configured limit. The transaction will be rolled back to free up resources.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Correct the value for the specified `ulimit` option in the server configuration and restart the server.

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.

User response: Correct the value for the specified `ulimit` option in the server configuration and restart the server.

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.

User 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.

User 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.

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.

User 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.

User 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.

User response: Verify the following: The pass-through directory server is running on the specified hostname and port number. If attribute mapping is configured, then the password of the mapped DN on the pass-through directory matches the password supplied. If the entry contains `ibm-ptaLinkAttribute`, it does not have the value `_DISABLE_`. If attribute mapping is configured as `'ibm-slapdPtaAttMapping: attr1 $ attr2 '`, the entry contains attribute `'attr1'`. 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.

User 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.

User 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.

User 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

User 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.

User 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.

User 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.

User 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.

User 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 Security Directory Server to perform pass-through authentication if attribute mapping is configured.

User 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.

User 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.

User 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.

User response: Take appropriate action based on the return code.

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.

User 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.

User response: Ensure that the URL identifying the pass-through directory server is in LDAP URL format.

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.

User 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.

User 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.

GLPSRV183E Unable to modify log path to '*path*' for the '*entry DN*'. The file already exists on the system.

Explanation: The modify request of the log path to the specified value is not allowed. A file already exists on the system with that path.

User response: Verify the requested value. Delete the existing file on the system or request a new location.

GLPSRV184E Unable to modify log path to '*path*' for the '*entry DN*'. The '*entry DN*' entry is already configured with that log file path.

Explanation: The modify request of the log path to the specified value is not allowed. A different log file is already configured to use that path.

User response: Request a different location.

GLPSRV185E Unable to modify log path to '*path*' for the '*entry DN*'. The file cannot be written to.

Explanation: The modify request of the log path to the specified value is not allowed. The system is unable to create a file in the location.

User response: Request a different location.

GLPSRV186W The proxy server has temporarily suspended reading client requests from the network.

Explanation: The proxy server has temporarily suspended reading client requests from the network because there are no free back-end connections for the proxy server to process additional requests.

User response: No immediate action is required. The proxy server will start reading client request from the network as soon as a free back-end connection becomes available. If the problem persists consider increasing the number of back-end connections in the server configuration.

GLPSRV188E Sort control missing in virtual list view search request.

Explanation: A sort control is a pre-requisite for processing a VLV search request.

User response: Re-send the virtual list view search request with appropriate sort control.

GLPSRV191E Terminating server because of initialization errors.

Explanation: The server is unable to run because of initialization errors.

User 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). Check if there are any DB2 licensing or database connection issues. 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.

GLPSRV192E Server is unable to start because the server could not write to the slapd.properties file.

Explanation: The server is unable to write the startup details to the properties file of the directory server instance.

User response: Verify that the location where the slapd.properties 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).

GLPSRV203W The server has temporarily suspended reading client requests from the network. There are *number of writewaiters* of *number of total workers* worker threads attempting to write results.

Explanation: The server has temporarily suspended reading client requests from the network because there are no free worker threads for the server to process additional requests. The number of database connections may be too small for the current workload.

User response: The server will start reading client request from the network as soon as a worker thread becomes available. Increase the number of worker threads in the server configuration by increasing the number of database connections.

GLPSRV204W The server has temporarily suspended reading client requests from the network *number of times* times. There are *number of writewaiters* of *number of total workers* worker threads attempting to write results.

Explanation: The server has temporarily suspended reading client requests from the network because there are no free worker threads for the server to process additional requests. The number of database connections may be too small for the current workload. This message will only be logged one time in any five minute interval.

User response: The server will start reading client request from the network as soon as a worker thread becomes available. Increase the number of worker threads in the server configuration by increasing the number of database connections.

GLPSRV208W Persistent search is not supported on *subtree dn*.

Explanation: A persistent search cannot be run with the given subtree.

User response: Remove the -c option or specify another subtree for the search.

GLPSRV209W Message for support team: *additional text*.

Explanation: An error has occurred, as detailed in the additional text. This information will be used by IBM Support to further diagnose the issue.

User response: Contact IBM Support with the additional information.

**GLPSRV217W Invalid value 'value' set for
ibm-slapdPwEncryption attribute.
Assuming AES256 encryption format.**

Explanation: Attribute `ibm-slapdPwEncryption` accepts only one of following values: `none`, `aes128`, `aes192`, `aes256`, `crypt`, `sha`, `ssha`, `md5`, `sha224`, `sha256`, `sha384`, `sha512`, `ssha224`, `ssha256`, `ssha384`, or `ssha512`. If SHA-2 feature is not enabled then `sha224`, `sha256`, `sha384`, `sha512`, `ssha224`, `ssha256`, `ssha384`, and `ssha512` are not allowed.

User response: If SHA-2 feature needs to be enabled, `ibm-slapdUseNonFIPSCrypt` should be set to true in `cn=configuration` entry, otherwise set appropriate encryption method.

**GLPSRV218E User provided encrypted string is
badly formatted.**

Explanation: User has provided pre-encrypted string in the operation. This string is not properly formatted and can not be decrypted. Such an addition is not allowed.

User response: Supply correct string in operation. Alternatively clear text string should be provided with server side encryption configuration. Server will then encrypt it before storing in database.

**GLPSRV224E No entry matching the search criterion
'value' was found.**

Explanation: User attempted to bind with the value of the configured unique attribute. However, no entry that contains the attribute value was found on the server.

User response: Ensure that the value of the unique attribute is correct, and run the operation again.

**GLPSRV225E Too many entries matching the search
criterion 'value' were found.**

Explanation: User attempted to bind with the value of the configured unique attribute. However, multiple entries that contain the attribute value were found on the server.

User response: For a bind operation with an attribute to be successful, the value of the configured attribute must be unique. Ensure to configure an attribute that contains a unique value for bind operations.

**GLPSRV226E The maximum filter limit that is set
in `IDS_MAX_SEARCH_FILTER_LEVEL`,
`max filter` exceeded for the search on the
host, `host with conn id`, `conn id` and is
bound with `dn=dn`**

Explanation: The maximum limit of the search filter level exceeds in the search.

User response: Ensure that the search filter level is in

the specified limits for search.

**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.

User 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

User 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.

User response: Ensure that the file configured to be used as the SSL key database is a CMS key database file.

**GLPSSL005E The password supplied for key database
file `key database filename` is not correct.**

Explanation: The SSL key database used by the LDAP directory and administration servers cannot be opened using the password supplied in the configuration.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Ensure that the correct GSKit version is installed properly and restart the server.

GLPSSL019E The SSL layer has reported an unidentified internal error, SSL extended error code:*error code*.

Explanation: An SSL library function used by the LDAP directory or administration server failed for some unspecified reason.

User 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.

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User 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.

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

GLPSSL022E Secure socket client authentication error occurred.

Explanation: Secure socket client authentication error occurred.

User response: Verify that the SSL Client is valid.

GLPSSL023W Attempted to configure server for SSL in a non-SSL version of the product.

Explanation: The server that is running is a non-SSL version of the product; SSL cannot be configured on this version of the server.

User 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.

User 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.

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.

User 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.

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

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.

GLPSSL033E Unable to load the specified PKCS#11 library library.

Explanation: Attempt to load the specified library failed. The server starts in configuration mode.

User 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.

User 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.

User 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 configuration file is invalid.

User 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.

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.

GLPSSL040E An incorrect value of *protocol* was given for the security protocol specification.

Explanation: The specified protocol is not valid.

User response: Correct the protocol specification in the configuration and restart the server.

GLPSSL041E An incorrect value of *mode* was given for the Suite B specification.

Explanation: The specified Suite B mode is not valid.

User response: Correct the Suite B specification in the configuration and restart the server.

GLPSSL042E An incorrect value of *sigalg* was given for the signature algorithm specification.

Explanation: The specified signature algorithm is not valid.

User response: Correct the signature algorithm specification in the configuration and restart the server.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: Look in the IBM Security Directory Server Troubleshooting 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 which is not configured.

User response: Drop the change log database for a directory server instance only if change log database is configured.

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.

User 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.

User response: None.

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.

User response: See IBM Security Directory Server Product Overview 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.

User response: View the earlier error messages for information about the exact error.

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.

User 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 Security Directory Server Troubleshooting Guide for information about debugging the program and contacting IBM Software Support.

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.

User response: Look in the IBM Security Directory Server Troubleshooting 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.

User 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.

User 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.

User 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.

User 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.

User response: See IBM Security Directory Server Product Overview 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.

User 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.

User response: None.

GLPUDB024E Inactive logs for directory server instance '*instance name*' could not be removed from location '*inactive log path*'.

Explanation: An error occurred while trying to remove the directory which contains the inactive log files for the database that was dropped.

User response: The path containing the inactive log files should be removed by the system administrator using the appropriate operating system commands.

GLPUDB025E The database backup file for directory server instance '*instance name*' named '*backup file name*' could not be removed.

Explanation: An error occurred while trying to remove the backup file for the database that was dropped.

User response: The database backup file should be removed by the system administrator using the appropriate operating system commands.

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.

User response: See IBM Security Directory Server Product Overview 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.

User response: View the earlier error messages for information about the exact error.

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.

User 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.

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.

User 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.

User 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.

User response: Specify the `-s` option. Use the `-?` option to see the syntax for the command.

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.

User response: See IBM Security Directory Server Product Overview 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.

User response: View the earlier error messages for information about the exact error.

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.

User 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.

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.

User 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.

User response: Specify a suffix that is not a system-defined suffix. A list of system-defined suffixes can be found in the IBM Security 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.

User response: Specify the `-s` option. Use the `-?` option to see the syntax for the command.

GLPWCO002E Select an entry.

Explanation: An entry must be selected for the current operation. No entry was selected.

User 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 server. Check to be sure that the server is running and reachable through the network.

User response: The error might have occurred for one of the following reasons: The server might be down. Start or restart the server. There might be a problem in the network. Check the network settings and check that the ping command to the server returns Success.

GLPWCO005E Select a row.

Explanation: An entry must be selected for the current requested operation to succeed. No entry was selected.

User 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.

User 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.

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.

User 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.

User 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.

User 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.

User response: Check to be sure that the specified LDAP server is reachable through the network and that the LDAP server or its administration server 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.

User 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.

User 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: A problem occurred while performing file operations. An internal object returned an unexpected result.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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: The password is too short. The password does not contain the minimum number of required alphabetic characters. The password does not contain the minimum number of required numeric and special characters. The password has a character repeated more times than the maximum allowed. The new password does not have enough characters that are different from those in the current password.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Change the password from the Change password panel under User properties to prevent the account from being locked.

GLPWCO033E Connected to administration server. This task cannot be initialized.

Explanation: The directory server is not running. The Web Administration Tool is connected to the administration server. In this mode, not all of the Web Administration Tool tasks are available.

User 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.

User 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 server. Not all operations are available.

Explanation: The directory server is not running. The Web Administration Tool is connected to the administration server. In this mode, not all of the Web Administration Tool operations are available.

User 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: The port number must be in numeric format. The error occurred as the specified port number cannot be converted to a numeric type. The port number must be a positive number. The error

occured as the specified port number is either a negative number or zero.

User response: Type the port number in numeric format such that it is greater than zero..

GLPWC0037E 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.

User response: Specify the server entry in the format 'hostname:port'.

GLPWC0038W 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.

User response: Log in to the back-end directory server to change the schema.

GLPWC0039E Key database password does not match.

Explanation: The password provided for key database does not match with the password in the password confirmation field.

User response: Ensure that passwords in the key database password field and password confirmation field are the same.

GLPWC0040E Trust database password does not match.

Explanation: The password provided for trust database does not match with the password in the password confirmation field.

User response: Ensure that passwords in the trust database password field and password confirmation field are the same.

GLPWC0041E Insufficient access rights.

Explanation: The loggedin user does not have sufficient access rights to perform the operation.

User response: Contact directory server administrator.

GLPWC0042E Password is required if an ssl key database path is specified.

Explanation: Specify a password for an ssl key database file.

User response: Ensure that a password is specified for ssl key database if an ssl key database path is provided.

GLPWC0043E SSL key database path is required if the password for an ssl key database file is specified.

Explanation: Specify a key database path and file name of an ssl key database file.

User response: Ensure that a key database path and file name is specified if the password for an ssl key database file is provided.

GLPWC0044E SSL key database file name is not valid.

Explanation: Specify a valid file name of an ssl key database file.

User response: Ensure that a valid file name is provided.

GLPWC0045E Password is required if an trust database path is specified.

Explanation: Specify a password for an trust database file.

User response: Ensure that a password is specified for trust database if an trust database path is provided.

GLPWC0046E Trust database path is required if the password for an trust database file is specified.

Explanation: Specify a trust database path and file name of an trust database file.

User response: Ensure that a trust database path and file name is specified if the password for an trust database file is provided.

GLPWC0047E Trust database file name is not valid.

Explanation: Specify a valid file name of an trust database file.

User response: Ensure that a valid file name is provided.

GLPWDM001E An error occurred connecting to server *server name*: error.

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

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while modifying the LDAP data. The LDAP data being accessed has incorrect data or incorrect naming attributes or entries. A problem occurred while creating the initial context. A problem occurred while chasing a referral. The specified directory server does not support the requested directory operation. Synchronization and serialization issues caused a problem.

User 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.

User 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: The DN being added would modify a read-only tree. The DN being added is incorrect. The logged-in user does not have permission to add an entry at the specified location. The parent entry of the specified DN does not exist. Synchronization and serialization issues caused a problem. Refer to the Java exception for more information.

User 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

User 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: The DN being added would modify a read-only tree. The logged-in user does not have permission to add an entry at the specified location. The parent entry of the specified DN does not exist. Synchronization and serialization issues caused a problem. The LDAP data specified for deletion does not conform to the naming syntax. Refer to the Java exception for more information.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: The entry might be absent for one of the following reasons: 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. 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.

User 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: The logged-in user does not have permission to look up LDAP data. The specified directory server is not running or is unreachable. The specified directory server does not support the requested directory operation. Synchronization and serialization issues caused a problem. There is another problem creating the initial context. Contact the directory server administrator.

User 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: The logged-in user does not have permission to look up LDAP data. The DN whose attributes are being retrieved is incorrect or has incorrect syntax or attribute values. The directory server is down or unreachable. Synchronization and serialization issues caused a problem.

User 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: The logged-in user does not have authorization to modify the data. There is a problem such as network connectivity to the server, incorrect attribute values, or

incorrect DN, while modifying the data.

User 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.

User 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: The DN being added would modify a read-only tree. The logged-in user does not have permission to modify an entry at the specified location. Synchronization and serialization issues caused a problem.

User 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.

User 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: The directory context is null or the 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. An unknown problem occurred. Contact the directory server administrator for more information.

User response: Contact the directory server administrator.

GLPWDM022E An error occurred while retrieving attributes for the rootDSE search on server *server name: error*

Explanation: An error occurred while retrieving the

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rootDSE attributes from the directory server. The server might be down.

User 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.

User 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.

User response: Contact the directory server administrator.

Administrator response: Set the subschemaSubentry value in the rootDSE of the directory server.

GLPWDM026E An error occurred searching server *server name*: error.

Explanation: The error might have occurred for one of the following reasons: The search filter specified is not supported or not understood by the directory server. The search controls contain incorrect settings. The specified entries to search are incorrect or have incorrect syntax. The LDAP data being accessed has incorrect data, incorrect naming attributes, or incorrect entries. Synchronization and serialization issues caused a problem.

User 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.

User 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.

User 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.

User 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.

User response: Contact the directory server administrator.

GLPWDM032E Incorrect input ACL DN.

Explanation: The specified Subject DN and Subject type combination might be incorrect.

User 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.

User response: Specify valid ACL DN details.

GLPWDM035W Are you sure you want to delete the entry : *entry*?

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

User 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.

User 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.

User 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 : *Entry DN* ?

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

User 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 : *Entry DN* ?

Explanation: Continuing with this operation will delete the selected non-leaf node and all its children from the directory.

User response: Click OK to delete the selected non-leaf node and all its children or Cancel to cancel the delete operation.

GLPWDM041E A leaf node cannot be expanded.

Explanation: The selected entry is a leaf node. Only non-leaf nodes can be expanded.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Specify a valid language tag.

GLPWDM056E Enter a search condition.

Explanation: The search filter field for the manual search is empty.

User 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.

User 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.

User 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.

User response: Specify a valid value for the Value field on the Add filter panel.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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. Subject DN cn=this and Subject type group. Subject DN cn=anybody and Subject type access-id. 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 DN's cn=anybody and cn=authenticated are valid for the Subject type group and role.

User 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

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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.

User 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.

User 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.

User 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 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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: The logged-in user does not have permission to look up LDAP data. The DN whose attributes are to be retrieved are incorrect or have incorrect syntax or attribute values. The directory server is down or unreachable. Synchronization and serialization issues caused an error.

User 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.

User 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=*

User 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.

User 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.

User 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.

User response: Verify that the file path is valid and that the Web server is reachable through network, and then click Submit.

GLPWDM091E Select a binary data entry to delete.

Explanation: Binary data entry is required to be selected for deletion operation.

User 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.

User response: Select a binary data entry.

GLPWDM096W Are you sure you want to remove all the encrypted attributes?

Explanation: Continuing with this operation will remove all the encrypted attributes.

User 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: The following DNs are not allowed as realm locations: cn=changelog cn=configuration cn=localhost cn=pwdpolicy cn=schema The Parent DN field might have one of the listed DNs as its value. The specified Parent DN might not exist in the directory server.

User 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.

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: The following DNs are not allowed as template locations: cn=changelog cn=configuration cn=localhost cn=pwdpolicy cn=schema The Parent DN field might have one of the listed DNs as its value. The specified Parent DN might not exist in the directory server.

User 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.

User 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: The following DNs are not allowed as administrator group container locations: cn=changelog cn=configuration cn=localhost cn=pwdpolicy cn=schema The Administrator group field might have one of the listed DNs as its value. The specified container DN for administrative groups does not exist in the directory server.

User 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: The following DNs are not allowed as user container locations: cn=changelog cn=configuration cn=localhost cn=pwdpolicy cn=schema The User container field might have one of the listed DNs as its value. The specified User container field value might not exist in the directory server.

User 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: The following DNs are not allowed as group container locations: cn=changelog cn=configuration cn=localhost cn=pwdpolicy cn=schema The Group container field might have one of the listed DNs as its value. The specified Group container field value might not exist in the directory server.

User 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.

User 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 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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: Directory String syntax IA5 String Integer syntax - integral number There must be at least one naming attribute in the selected objectclasses.

User 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.

User 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.

User 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.

User response: Contact the directory server administrator.

GLPWDM117E No realms were found. Add a realm and then access the selected panel.

Explanation: The selected panel will be displayed, if there is at least one realm in the directory server.

User response: Add a realm before displaying the selected panel.

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: There might be a problem connecting to the server. The input value specified might be incorrect. There is another error performing the requested operation. View log files for more information about the error. For assistance, contact IBM Software Support.

User 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.

User 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.

User 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.

User response: Specify a valid value for the Value field.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Click OK to delete the selected ACL objects or click Cancel to cancel the deletion operation.

GLPWRM001E Select a node in the tree.

Explanation: A node must be selected to perform the requested operation.

User response: Select a node and then retry the operation.

GLPWRM002E 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.

User response: The error might have occurred for one of the following reasons: The server might be down. Check to be sure that the server is running and reachable through the network. 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.

User response: The error might have occurred for one of the following reasons: The server might be down. Check to be sure that the server is running and reachable through the network. 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.

User response: The error might have occurred for one of the following reasons: The server might be down. Check to be sure that the server is running and reachable through the network. 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.

User response: The error might have occurred for one of the following reasons: The server might be down. Check to be sure that the server is running and reachable through the network. 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.

User response: The error might have occurred for one of the following reasons: The server might be down. Check to be sure that the server is running and reachable through the network. There is an error with the control replication queue extended operation. Contact IBM Software Support.

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.

User response: The error might have occurred for one of the following reasons: The subtree is already configured for replication. The subtree entry specified does not exist in the DIT. Check whether the subtree entry exists in the DIT. 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.

User response: The error might have occurred for one of the following reasons: 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. 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.

User response: The error might have occurred for one of the following reasons: The entry already exists in the DIT. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry. There is another error adding entry `ibm-replicaGroup=default` under the subtree. Contact IBM Software Support.

GLPWRM011E Connected to administration server. Replication management cannot function in this mode.

Explanation: The Directory Server is not running. The Web Administration tool is connected to the administration server. In this mode, no replication management functions are available.

User 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.

User response: The error might have occurred for one of the following reasons: The entry already exists in the DIT. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to delete this entry. Check whether the subtree entry has permission for the user to delete this entry. The subtree to which this entry belongs to may be quiesced. Unquiesce the subtree and try again. 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.

User response: The error might have occurred for one of the following reasons: The entry already exists in the DIT. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to delete this entry. Check whether the subtree entry has permission for the user to delete this entry. 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.

User response: The error might have occurred for one of the following reasons: The entry already exists in the DIT. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry. 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.

User response: The error might have occurred for one of the following reasons: The entry already exists in the destination subtree. 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. 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.

User 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.

User response: The error might have occurred for one of the following reasons: The entry already exists in the DIT. The user does not have permission to add this entry. Check whether the subtree entry has permission for the user to add this entry. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to delete this entry. Check whether the subtree entry has permission for the user to delete this entry. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to edit this entry. Check whether the subtree entry has permission for the user to edit this entry. 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.

User response: The error might have occurred for one of the following reasons: Root DSE search is not working on server. Root DSE of the server is not showing naming contexts. 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.

User response: The error might have occurred for one of the following reasons: The user does not have

permission to search daily schedule objects. The server is not reachable or is running in configuration only mode. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to search weekly schedule objects. The server is not reachable or is running in configuration only mode. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to search credential objects. The server is not reachable or is running in configuration only mode. 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.

User response: The error might have occurred for one of the following reasons: The server might have gone down during the operation. 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.

User response: The error might have occurred for one of the following reasons: The replica server is down. 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.

User response: The error might have occurred for one of the following reasons: The master server is down. 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.

User 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-slapdSupplier credential object.

Explanation: Failed to add supplier credential object for the subtree in the configuration file.

User 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-slapdSupplier credential object.

Explanation: Failed to modify supplier credential object for the subtree in the configuration file.

User 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-slapdSupplier credential object.

Explanation: Failed to delete the supplier credential object for the subtree in the configuration file.

User 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-slapdReplication credential object.

Explanation: Failed to add the default supplier credential object in the configuration file.

User 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-slapdReplication credential object.

Explanation: Failed to modify the default supplier credential object in the configuration file.

User 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-slapdReplication credential object.

Explanation: Failed to delete the default supplier credential object in the configuration file.

User 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.

User response: The error might have occurred for one of the following reasons: The credential object already exists in the selected container. The user does not have permission to create the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The filter object already exists in the selected container. The user does not have permission to create the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to modify the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The credential object already exists in the selected container. The user does not have permission to create the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to modify the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The credential object already exists in the selected container. The user does not have permission to create the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to modify the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to delete the entry in the specified container. 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to add an entry under `cn=localhost`. 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.

User 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 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.

User response: The error might have occurred for one of the following reasons: The subtree is already in normal state. The user does not have permission to unquiesce the subtree. 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.

User response: The error might have occurred for one of the following reasons: The credential object is not present or was deleted from the specified container. The user does not have permission to search for the credential object. There is another error retrieving

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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.

User 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`.

User response: The error might have occurred for one of the following reasons: The server is not running or not reachable through the network. Entry `cn=replication`, `cn=configuration` does not exist. 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`.

User response: The error might have occurred for one of the following reasons: The server is not running or not reachable through network. The user does not have permission to set values under `cn=replication`, `cn=configuration`. 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`.

User 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.

User 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.

User 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.

User 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`.

User 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`.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

GLPWRM070E Server *server name* reported an error from server *server name*. Operation failed with result code *result code*.

Explanation: Extended operation failed on server.

User 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.

User 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.

User 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to add an entry under cn=IBMpolicies. 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.

User 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.

User 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.

User response: The error might have occurred for one of the following reasons: The user does not have permission to add or remove an auxiliary objectclass for the subentry. 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. There is another error during the operation. Contact the directory administrator.

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.

User 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.

User response: The error might have occurred for one

of the following reasons: Error retrying or deleting one or all errors from the replication error table. The user does not have the authority to perform the operation. The error being viewed, retried, or deleted does not exist in the replication error table. 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.

User 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.

User 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: The consumer server is down and not reachable by the supplier server. The supplier server is not able to connect to the consumer server due to incorrect credentials. Error while adding replication objects on the consumer server. Failed to execute the cascading control replication extended operation for quiesce or unquiesce subtree on consumer server. 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.

User response: The error might have occurred for one of the following reasons: The consumer server is down and not reachable by the supplier server. Incorrect administrative credentials were provided for the consumer server. 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.

User response: The error might have occurred for one of the following reasons: The consumer server is down and not reachable by the supplier server. Incorrect administrative credentials provided for the consumer server. 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.

User response: The error might have occurred for one of the following reasons: The administration server is not running on the consumer server or the administrative port provided is not correct. Incorrect administrative credentials provided for consumer server. There is another error while performing this operation. Contact the directory administrator.

GLPWRM085E Cannot connect to administration server.

Explanation: Unable to connect to administration server of consumer server.

User response: The error might have occurred for one of the following reasons: Administration server is not running on the consumer server. Administration server port provided is not correct. Consumer server is not reachable through the network.

GLPWRM086E Failed to restart to consumer server
server name.

Explanation: Failed to restart the consumer server.

User response: The error might have occurred for one of the following reasons: The administration server is not running on the consumer server or the administrative port provided is not correct. Incorrect administrative credentials provided for consumer server. There is another error while performing this operation. Contact the directory administrator.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: A server cannot be moved under itself. Select different source and destination servers for the move operation to succeed.

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.

User response: The error might have occurred for one of the following reasons: 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. 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.

User response: The error might have occurred for one of the following reasons: The user might not have permission to retrieve ACL information. The server is not reachable or is running in configuration only mode. 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.

User 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.

User 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.

User 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.

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User 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.

User response: Provide a Master DN that is different from the administrator DN.

GLPWRM118E Default credential has already been deleted.

Explanation: Same as above.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Specify the simple bind credentials, and then click Next.

GLPWRM128E Credential not selected.

Explanation: A credential must be selected to perform this operation.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Click OK to delete the selected weekly schedule or click Cancel to cancel the delete operation.

GLPWRM147W Are you sure you want to remove this entry?

Explanation: Continuing with this operation will delete the selected supplier information.

User 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.

User 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.

User response: Click OK to delete the selected replication filter object or click Cancel to cancel the deletion operation.

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.

User response: Select a master or gateway node and then click View server.

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.

User response: Select a master or gateway node and then click View schedule.

GLPWRM168E Incorrect DN: *DN*.

Explanation: The specified DN does not exist in the directory server.

User response: Select a valid DN by clicking on the Browse button or type a valid DN that exists in the directory server.

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.

User response: Click OK to initialize the subtree for replication or Cancel to cancel the replication filter creation operation.

GLPWRM9838W Warning: This will only delete the agreement *agreement* with the selected supplier. If this node consumes changes from other suppliers, you must delete each of those agreements separately in order to completely remove it from the topology.

Explanation: Continuing with this operation will delete agreement with selected supplier.

User response: Click OK to delete the selected node from the topology or click Cancel to cancel the delete 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.

User 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.

User 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 Security 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.

User 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 Security 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.

User 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.

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.

User 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.

User 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.

User 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.

User 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.

User response: Verify that the instance name specified is not a proxy server instance.

GLPWRP011E The executable *progname* 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.

User 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.

User response: Verify that the file exists with proper permissions to access it.

GLPWRP013E DB2 versions prior to 9.1 are not supported.

Explanation: This version of Security Directory Server does not support DB2 versions prior to 9.1.

User response: Install the correct version of DB2 and perform the operation again.

GLPWRP014E A supported version of IBM DB2 is not installed on the system, or the *ldapdb.properties* file does not contain information about the supported IBM DB2 version.

Explanation: This version of IBM Security Directory Server supports IBM DB2 version 9.5 or later.

User response: Install the correct version of DB2 and perform the operation again.

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: There might be a problem connecting to the server. The input value specified might be incorrect. There might be a problem in the server configuration file.

User response: Verify that you are connected to the server and that the input value is correct.

GLPWSA005E Cannot connect to administration server.

Explanation: The tool could not connect to the administration server. Verify that the administration server is running and that the server is reachable through the network. Check that the correct port for the administration server was specified while registering the server in the Web Administration Tool.

User response: An error might have occurred for one of the following reasons: The administration server process might not be running. Start or restart the administration server. There might be a problem in the network. Check the network settings and verify that the server is reachable through the network. Be sure that the correct administration server 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.

User response: Provide the same value in the Bind password and Confirm password fields.

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.

User 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.

User 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.

User 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.

User 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.

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.

User response: Type a valid Directory Server administrator DN.

GLPWSA016E Incorrect Directory Server administrator DN.

Explanation: The Directory Server administrator DN is incorrect.

User 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`.

User 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.

User 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`.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Specify unique port numbers for the secure port and the unsecure port.

GLPWSA031E The administrator DN value already exists.

Explanation: The specified administrator DN value already exists in the administrator group.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Click OK to disconnect all the server connections or click Cancel to cancel the operation.

GLPWSA040E Failed to either add or edit password policy object.

Explanation: The specified input violates at least one of the password policy rules. Password Policy Rules are following: 1. pwdMinLength should be greater than or equal to pwdMinOtherChars + passwordAlphaChars 2. pwdMinLength should be greater than or equal to pwdMinDiffChars 3. pwdMaxAge should be greater than pwdMinAge 4. pwdMaxAge should be greater than or equal to pwdExpireWarning 5. pwdAllowUserChange has to be TRUE, if pwdMustChange is TRUE 6. passwordMaxRepeatedChars should be greater than or equal to passwordMaxConsecutiveRepeatedChars

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Provide the same value in the Key file password and Confirm password fields.

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: Not able to connect to server. The updated values in some of the fields might not be valid for the directory server.

User 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: Not able to connect to server. The values in some of the fields might not be valid for the directory server.

User 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: Not able to connect to server. The selected server might not be a valid back-end directory server.

User 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: Not able to connect to server. There might be incorrect entries or an incorrect DN.

User 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.

User 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'.

User 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.

User response: Type a valid entry DN.

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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: See the error log for more details or

contact the Directory Server administrator.

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: The selected back-end directory server does not exist or is not available currently. The syntax of the server URL might be incorrect. There might be a problem connecting to one of the selected servers. The server did not process the resume role request properly.

User response: Verify that the back-end directory server exists and is reachable through the network and then try the resume role operation again.

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: The selected partition might not exist. The syntax of the split URL might be incorrect. There might be a problem connecting to one of the selected servers. The server did not process the resume role request properly.

User response: Verify that the back-end directory server exists and is reachable through the network and then try the resume role operation again.

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.

User 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.

User 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.

User response: Verify that the file path is valid and that the Web server is reachable through the network, and then click Submit.

GLPWSA093E Error retrieving information for entry: DN

Explanation: An error occurred while retrieving information for the entry.

User 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.

User response: Verify that the specified DNs have a valid syntax and exist and that there is an active connection to the server.

GLPWSA104E Select a role.

Explanation: At least one of the roles must be selected to perform the operation.

User response: Select at least one of the roles to perform the required operation.

GLPWSA105W Connected to administration server. 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 server. As a result, not all the values of the panel are available.

User 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.

User response: Select at least one of the administration group member DNs to perform the required operation.

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 ?

User response: None

GLPWSA109E Incorrect port.

Explanation: The port number must be non-zero.

User response: Type a valid port number in numeric format.

GLPWSA110E Specify the Subtree DN.

Explanation: The subtree DN should not be empty.

User 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.

User response: The error might have occurred for one of the following reasons: The server might be down. Start or restart the server. Verify the server name and port number and ensure that the server is running. 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.

User 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 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.

User 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 or equal to pwdMinOtherChars + passwordAlphaChars 2. pwdMinLength should be greater than or equal to pwdMinDiffChars 3. pwdMaxAge should be greater than pwdMinAge 4. pwdMaxAge should be greater than or equal to pwdExpireWarning 5. pwdAllowUserChange has to be TRUE, if pwdMustChange is TRUE 6. passwordMaxRepeatedChars should be greater than or equal to passwordMaxConsecutiveRepeatedChars

User 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.

User response: Specify the subtree DN.

GLPWSA116W Do you want to remove the selected subtree DN?

Explanation: Confirmation is required before removing a subtree DN.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Click OK to delete the selected proxy server group DN, or click Cancel to cancel the delete operation.

GLPWSA130E Selected back-end directory server list is empty.

Explanation: An error occurred while adding/modifying the proxy server group.

User response: Proxy server group must contain one or more back-end directory servers.

GLPWSA132E Error performing operation.

Explanation: An error occurred while starting the log management service.

User response: The error might have occurred for one of the following reasons: 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. 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.

User 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.

User 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.

User 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.

User 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.

User 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.

User response: Modify the total number of elements in the search filter cache such that it is not less than the

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total number of elements from a single search that can be added to the search filter cache.

GLPWSA150E The backup/restore directory path specified is invalid.

Explanation: The backup/restore directory path specified is invalid. The directory specified may not be writable.

User response: Verify if the backup/restore directory exists on the remote system and is writable.

GLPWSA155E The backup/restore directory path is not specified.

Explanation: The backup/restore directory path is not specified. Click on Refresh button.

User response: Verify if the backup/restore directory path is specified on the Configure directory server backup panel. Click on Refresh button. If not, specify the backup/restore directory path.

GLPWSA156E The value of password monitoring interval is out of range.

Explanation: The value of password monitoring interval should be in the range of 1 through 45 days.

User response: Verify if the value of password monitoring interval is not more than 45 days.

GLPWSA157W Are you sure you want to delete the selected referral/s?

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

User response: Click OK to delete the selected referral or Cancel to cancel the delete operation.

GLPWSA847E Failed to start the server.

Explanation: An error occurred while starting the server. Refer to server error log for more details.

User response: Correct the error and retry the operation.

GLPWSA848E Failed to stop the server.

Explanation: An error occurred while stopping the server. Refer to server error log for more details.

User response: Correct the error and retry the operation.

GLPWSA849E Failed to restart the server.

Explanation: An error occurred while restarting the server. Refer to server error log for more details.

User response: Correct the error and retry the operation.

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