

IBM Storage Protect for Databases

Oracle Messages

8.2.0



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Note:

Before you use this information and the product it supports, read the information in “Notices” on page 59.

This edition applies to version 8, release 2 of the IBM Storage Protect for Databases, Data Protection for Oracle (product number 5725-X01) and to all subsequent releases and modifications until otherwise indicated in new editions.

About this publication

IBM Storage Protect for Databases, Data Protection for Oracle is an enterprise-wide storage management application for the network. Data Protection for Oracle works with Oracle RMAN to back up and restore Oracle databases and control files.

This publication contains explanations and suggested actions for messages that are issued by IBM Storage Protect for Databases, Data Protection for Oracle.

Who should read this guide

The target audience for this publication is system administrators who use IBM Storage Protect for Databases, Data Protection for Oracle. In this publication, it is assumed that you have a working knowledge of IBM Storage Protect for Databases, Data Protection for Oracle.

Publications

The IBM® Storage Protect product family includes IBM® Storage Protect Plus, , , and several other storage management products from IBM®.

To view IBM® product documentation, see [IBM® Documentation](#).

Introduction to Data Protection for Oracle messages

Messages with prefix ANU are issued by IBM Storage Protect for Databases, Data Protection for Oracle. Data Protection for Oracle interacts with the IBM Storage Protect backup-archive clients. When Data Protection for Oracle runs, you might see messages from backup-archive clients. Backup-archive clients messages have prefix ANS or prefix FMV, depending on which licenses you installed.

For information about ANS messages, see [ANS 0000-9999 messages](#).

For information about FMV messages, see [FMV messages](#).

A list of new and changed messages since the previous product modification level is available in the `client_message.chg` file in the installation directory.

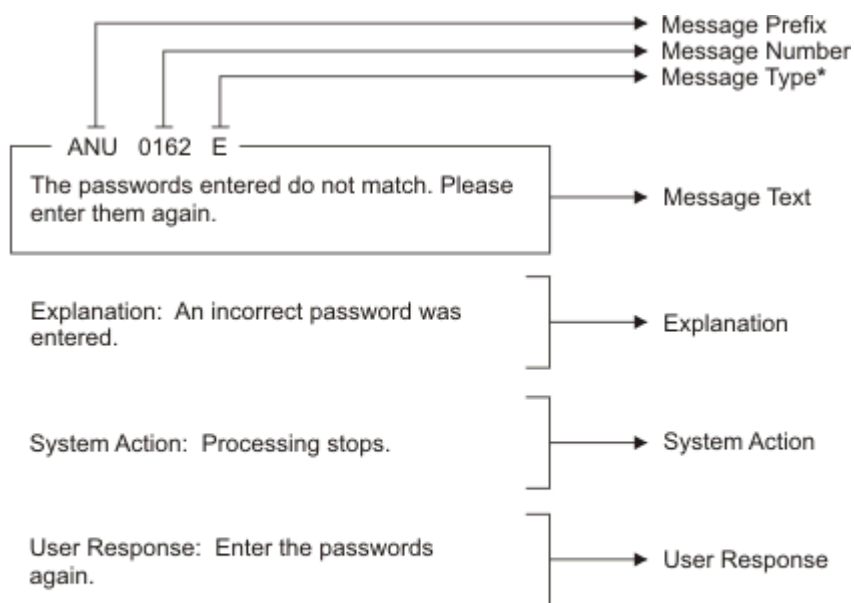
Data Protection for Oracle messages format

IBM Storage Protect for Databases, Data Protection for Oracle messages consist of the following elements:

- A three-letter prefix.
- A numeric message identifier.
- A one-letter severity code, also called the message type.
- Message text that is displayed on screen and written to message logs.
- Explanation, System Action, and User Response texts. These texts elaborate on the message text and are accessible only in documentation.

The image presents a typical Data Protection for Oracle message.

The callouts on the right of the image identify each element of the message.



I = Information
* E = Error
S = Severe Error
W = Warning

The severity codes give an indication of the severity of the issue that generated the message. The severity codes and their meanings are as follows:

Code	Severity	Meaning
S	Severe	The product or a product function cannot continue. User response is required.
E	Error	An error is encountered during processing. Processing might stop. User response might be required.

Code	Severity	Meaning
W	Warning	Processing continues, but problems might occur later as a result of the warning.
I	Information	Processing continues. User response is not necessary.

Message variables in the message text are in italics.

Data Protection for Oracle messages

IBM Storage Protect for Databases, Data Protection for Oracle messages are listed in ascending numerical order. The complete message is documented, including message ID, message text, explanation, system action, and user response.

ANU messages: An internal processing error has occurred.

ANU0003S: An internal processing error has occurred.

Explanation

An internal processing error has occurred.

System action

Processing ends.

User response

Retry the operation. If this error persists, contact your service representative.

ANU0004E: An unknown error has been detected.

Explanation

An internal processing error has occurred that prevents the generation of a message for a return code.

System action

Processing continues.

User response

Retry the operation. If this error persists, contact your service representative.

ANU0005E: Out of memory. Stop other processes and try the operation again.

Explanation

The machine has run out of memory.

System action

Processing continues.

User response

Close unnecessary processes and try the operation again.

ANU0053E: License file (*licensefile*) could not be opened.

Explanation

An attempt to read from the license file failed.

System action

Processing ends.

User response

Install the product again. This ensures that the correct license file is installed.

ANU0054E: Read failure on license file (*licensefile*).

Explanation

An attempt was made to read from the license file. This attempt failed.

System action

Processing ends.

User response

Reinstall the product. This will ensure that the correct license file is installed.

ANU0055E: Write failure on license file (*licensefile*).

Explanation

An attempt to write to the license file failed.

System action

Processing ends.

User response

Make sure enough space exists on the workstation to write to the license file. If enough space exists, run the command again.

ANU0056E: Data in the license file (*licensefile*) is not in a valid format.

Explanation

An attempt to read information from the license file failed.

System action

Processing ends.

User response

Install the product again.

ANU0057E: The checksum in the license file (*licensefile*) does not match the license string text.

Explanation

An attempt was made to read information from the license file. The checksum was not valid so it appears that the license file is not at the correct level.

System action

Processing ends.

User response

Reinstall the product.

ANU0058E: The 'Try and Buy' license has expired.

Explanation

This 'Try and Buy' license that was detected has expired.

System action

Processing ends.

User response

This product is no longer valid for use. A valid license must be obtained before running the product.

ANU0100E: Incomplete command:

Explanation

This message displays the incomplete command that was entered.

System action

Processing ends.

User response

Re-enter the complete command.

ANU0101E: Invalid argument:

Explanation

This message displays the command that was entered, up to and including the invalid command or option argument that was detected.

System action

Processing ends.

User response

Re-enter the command specifying a valid argument for the command or option.

ANU0102E: Invalid command:**Explanation**

This message displays the invalid command that was entered.

System action

Processing ends.

User response

Re-enter a valid command.

ANU0103E: Invalid option for the specified command:**Explanation**

This message displays the command that was entered, up to and including the option that was detected as invalid for the command.

System action

Processing ends.

User response

Re-enter the command specifying valid command options.

ANU0104E: Invalid option:**Explanation**

This message displays the command that was entered, up to and including the invalid option that was detected.

System action

Processing ends.

User response

Re-enter the command specifying valid command options.

ANU0105E: Missing argument:**Explanation**

This message displays the command that was entered, up to and including the command or option whose required argument is missing.

System action

Processing ends.

User response

Re-enter the command specifying a valid argument for the command or option.

ANU0132W: Tracing could not be started. Processing will continue.**Explanation**

A problem prevented tracing from beginning.

System action

Processing will continue with the command entered.

User response

Refer to the other messages that display with this message to determine the problem.

ANU0133W: Could not locate installation directory. Attempting to continue...**Explanation**

An attempt was made to read the registry to determine where the Data Protection application client was installed. This attempt failed.

System action

Processing will continue with the command entered.

User response

There should be other messages along with this one. Refer to the other messages to determine the problem. If the problem can not be determined, it may be necessary to reinstall the application client code. This will ensure that the registry entries are set up correctly.

ANU0134W: Could not locate log directory. Processing will continue...**Explanation**

An attempt was made to read the registry to determine where the Data Protection application client log is located. This attempt failed.

System action

Processing will continue with the command entered.

User response

There should be other messages along with this one. Refer to the other messages to determine the problem. If the problem can not be determined, it may be necessary to reinstall the application client code. This will ensure that the registry entries are set up correctly.

ANU0150I: Operation canceled by user.

Explanation

The user has requested the application client end by entering ctrl-C.

System action

Processing ends.

User response

None

ANU0151E: Errors occurred while processing the request.

Explanation

Attempting to process the request entered, an error occurred.

System action

Processing ends.

User response

Attempt to determine the source of the errors from viewing the log file. Correct the problems and try running the command again.

ANU0152I: Performance stats: *seconds* seconds spent in *apicall* API calls

Explanation

The indicated number of seconds were spent making API calls for the indicated system.

System action

Processing continues.

User response

None

ANU0153I: Performance stats: *seconds* seconds spent in *function*

Explanation

The indicated number of seconds were spent the named function.

System action

Processing continues.

User response

None

ANU0154E: The Data Protection for Oracle application client cannot work with the version of the IBM Storage Protect API you have installed. Please install version *version.release.level* or greater.

Explanation

The version of the IBM Storage Protect API currently installed on the system is older than the version used to build the Data Protection for Oracle application client.

System action

Processing ends.

User response

Install a version of the IBM Storage Protect API at or later than the indicated level. A copy is distributed with the Data Protection for Oracle application client.

ANU0155E: The Data Protection for Oracle application client cannot work with the release of IBM Storage Protect API you have installed. Please install release *version.release.level* or greater.

Explanation

The release of the IBM Storage Protect API currently installed on the system is older than the release used to build the Data Protection for Oracle application client.

System action

Processing ends.

User response

Install a release of the IBM Storage Protect API at or later than the indicated level. A copy is distributed with the Data Protection for Oracle application client.

ANU0156E: Could not load the IBM Storage Protect API.

Explanation

The IBM Storage Protect API could not be loaded.

System action

Processing ends.

User response

Ensure the IBM Storage Protect API is correctly installed. Run the Data Protection for Oracle application client with the /TRACEFLAGS=API /TRACEFILE=filename options and view the tracefile to determine why it could not be loaded. Another possible cause is that the TSMAPI.DLL does not exist in the system directory. Re-install the IBM Storage Protect API, if this is the case.

ANU0160E: An authentication error occurred with your stored IBM Storage Protect password.

Explanation

You were unable to log on to the IBM Storage Protect server due an authentication error.

System action

Processing stops.

User response

The stored IBM Storage Protect password may have become corrupted. Contact your IBM Storage Protect server administrator.

ANU0161E: Authentication error. The password entered is not valid. You are not logged on to the IBM Storage Protect server.

Explanation

An incorrect password was entered.

System action

Processing stops.

User response

Enter the correct IBM Storage Protect password and try again.

ANU0162E: The passwords entered do not match. Please enter them again.

Explanation

An incorrect password was entered.

System action

Processing stops.

User response

Enter the passwords again.

ANU0163E: The directory path needs to be fully-qualified.

Explanation

The /intopath option was specified without a fully-qualified path.

System action

Processing stops.

User response

Enter the command again and specify a fully-qualified path in the /intopath option.

ANU0167E: The fully-qualified file name is too long.**Explanation**

An attempt was made to use a fully-qualified file name that was too long. This attempt failed.

System action

Processing ends.

User response

None

ANU0200E: File (*filename*) could not be opened for reading.**Explanation**

An attempt was made to open a file for reading. This attempt failed.

System action

Processing ends.

User response

None

ANU0201E: File (*filename*) could not be opened for writing.**Explanation**

An attempt was made to open a file for writing. This attempt failed.

System action

Processing ends.

User response

None

ANU0202E: Read failure on file (*filename*).**Explanation**

An attempt was made to read from a file. This attempt failed.

System action

Processing ends.

User response

None

ANU0203E: Write failure on file (*filename*).**Explanation**

An attempt was made to write to a file. This attempt failed.

System action

Processing ends.

User response

None

ANU0204E: File (*filename*) could not be closed.**Explanation**

An attempt was made to close a file. This attempt failed.

System action

Processing ends.

User response

None

ANU0205E: File (*filename*) statistics could not be obtained.**Explanation**

An attempt was made to obtain file statistics. This attempt failed.

System action

Processing ends.

User response

None

ANU0206E: Directory (*directory*) could not be created.**Explanation**

An attempt was made to create a directory. This attempt failed.

System action

Processing ends.

User response

None

ANU0207E: Directory path (*directorypath*) is too long.**Explanation**

An attempt was made to use a directory path that was too long. This attempt failed.

System action

Processing ends.

User response

None

ANU0208E: There is not enough disk space for the operation attempted.**Explanation**

An attempted operation required more disk space than was available. The attempt failed.

System action

Processing ends.

User response

None

ANU0209E: The rename of file (*filename1*) to (*filename2*) failed.**Explanation**

An attempt was made to rename a file. This attempt failed.

System action

Processing ends.

User response

None

ANU0210E: The IBM Storage Protect high level qualifier is too long.**Explanation**

An attempt was made to use a IBM Storage Protect high level qualifier that was too long. This attempt failed.

System action

Processing ends.

User response

None

ANU0211E: The IBM Storage Protect low level qualifier is too long.**Explanation**

An attempt was made to use a IBM Storage Protect low level qualifier that was too long. This attempt failed.

System action

Processing ends.

User response

None

ANU0212E: The IBM Storage Protect filespace name is too long.**Explanation**

An attempt was made to use a IBM Storage Protect filespace name that was too long. This attempt failed.

System action

Processing ends.

User response

None

ANU0213E: The maximum number of objects allowed per IBM Storage Protect transaction is too small.**Explanation**

In order to maintain backup data integrity, multiple backup objects are sent to the IBM Storage Protect server in a single transaction. The IBM Storage Protect server has indicated that the maximum number of objects allowed per transaction is less than the minimum required by the Data Protection for Oracle application client.

System action

Processing ends.

User response

Increase the maximum number of objects allowed per transaction on the IBM Storage Protect server and retry the operation.

ANU0214E: The backup object's management class backup copy group does not exist.

Explanation

The IBM Storage Protect server has indicated that the backup object's management class backup copy group does not exist.

System action

Processing ends.

User response

Contact your IBM Storage Protect server administrator.

ANU0215E: All backup objects do not have the same management class backup copy destination.

Explanation

In order to maintain backup data integrity, multiple backup objects are sent to the IBM Storage Protect server within a single transaction. All backup objects within a single transaction are required to have the same management class backup copy destinations.

System action

Processing ends.

User response

Contact your IBM Storage Protect server administrator.

ANU0216E: Unable to obtain space information for volume (*volumentname*).

Explanation

An attempt was made to obtain space information for a volume. This attempt failed.

System action

Processing ends.

User response

None

ANU0217E: The IBM Storage Protect filesystem name is invalid.

Explanation

The filesystem name or directory delimiter is invalid.

System action

Processing ends.

User response

Check that the filespace name length, characters, and directory delimiters are valid.

ANU0218E: The IBM Storage Protect high level qualifier is invalid.**Explanation**

The high level qualifier name or directory delimiter is invalid.

System action

Processing ends.

User response

Check that the high level qualifier name length, characters, and directory delimiters are valid.

ANU0219E: The IBM Storage Protect low level qualifier is invalid.**Explanation**

The low level qualifier name or directory delimiter is invalid.

System action

Processing ends.

User response

Check that the low level qualifier name length, characters, and directory delimiters are valid.

ANU0256E: The password in your IBM Storage Protect options file has expired. Please change your password on the IBM Storage Protect server using the 'change password' command and then either change or remove the password value in your options file.**Explanation**

Your IBM Storage Protect password has expired. You need to change your password.

System action

Processing ends.

User response

Obtain a new password for your IBM Storage Protect server; node using the change password command or by asking your IBM Storage Protect administrator to change your password.

ANU0257E: Your password has expired.**Explanation**

Your IBM Storage Protect password has expired. A new password needs to be obtained.

System action

Processing ends.

User response

Obtain a new password for your IBM Storage Protect node using the change password command or by asking your IBM Storage Protect administrator to change your password.

ANU0258E: You did not enter a valid password. Processing ends.**Explanation**

The password that was entered was not a valid password.

System action

Processing ends.

User response

Re-enter the command specifying a valid password.

ANU0259E: The password you entered for verification does not match the password you entered for your new password. Your password will not be changed.**Explanation**

The password you entered for verification of your new password does not match the new password that was entered.

System action

Processing ends.

User response

Try again to change your password being sure to enter the same password for the new password and for the verification password.

ANU0260I: Password successfully changed.**Explanation**

The change password command completed successfully

System action

Processing ends.

User response

None

ANU0261I: There are no backups for the server named *servername*.

Explanation

There are no backups on the IBM Storage Protect server for the specified server name.

System action

Processing ends.

User response

None

ANU0262E: Errors occurred while processing the VSS operation. Examine the Windows Event Logs and DSMERROR.LOG for additional details.

Explanation

While attempting to process a VSS operation, an unexpected error occurred.

System action

Processing ends.

User response

Attempt to determine the source of the error by examining the Data Protection for Oracle log file, the client error log file (DSMERROR.LOG), the Windows Application Event Log, the Windows System Event Log, and the VSS provider log file, if applicable. Additional instructions for Windows VSS operations are located in the ISP Problem Determination Guide. Correct the problem and retry the operation. If this error persists, contact your service representative.

ANU0267E: The verify password entered does not match the new password entered.

Explanation

The verify password does not match the new password.

System action

Processing ends.

User response

Retry the command with a matching verify password.

ANU0292E: An unknown error has been detected. rc = *rc*

Explanation

An error occurred without an error message. The return code is displayed.

System action

Processing ends.

User response

Retry the operation. If this error persists, contact your service representative.

ANU0300E: Invalid restore type.**Explanation**

The type of restore requested is invalid.

System action

Processing ends.

User response

Re-enter the command specifying a valid restore type.

ANU0301E: Invalid backup type.**Explanation**

The type of backup requested is invalid.

System action

Processing ends.

User response

Re-enter the command specifying a valid backup type.

ANU0351E: Invalid trace keyword - '*keyword*'**Explanation**

A TRACEFLAG option in the user configuration file or on the command line is incorrect.

System action

Client program did not initialize or tracing was not enabled in the applet.

User response

Correct the value.

ANU0368E: Invalid trace file name (name too long).**Explanation**

A TRACEFILE option in the preferences files used a file name that is too long.

System action

Client program did not initialize.

User response

Change the file name used as the TRACEFILE so that it is equal to or less than 255 characters in length.

ANU0383E: Specifying the trace file '*link*' as a symbolic link is not allowed.**Explanation**

Trace file '*linkname*' cannot be a symbolic link.

System action

The symbolic link '*linkname*' is deleted, the trace file is recreated, and processing stops.

User response

Specify the trace file location with the 'tracefile' option.

ANU0384E: Symbolic link '*linkname*' to '*target*' was successfully deleted.**Explanation**

Log '*linkname*' cannot be a symbolic link.

System action

The symbolic link '*linkname*' is deleted, the log is recreated, and processing stops.

User response

Check the location of the new file. To specify the location of log files, refer to the user's manual for the 'errorlogname' option, the 'schedlogname' option, and the 'DSM_LOG' environmental variable.

ANU0385E: Unable to delete symbolic link '*link*'.**Explanation**

Log '*linkname*' cannot be a symbolic link.

System action

Processing stops.

User response

Delete the symbolic link '*linkname*'.

ANU0476E: *program-name*: cannot open file *file-spec*: error.

Explanation

Cannot open the file. The reason is given in the message.

System action

Cannot complete the requested operation.

User response

Retry the operation. If the problem continues, check with your system administrator.

ANU0487E: Specifying the error log '*link*' as a symbolic link is not allowed.

Explanation

Error log '*linkname*' cannot be a symbolic link.

System action

The symbolic link '*linkname*' is deleted, the error log is recreated, and processing stops.

User response

Check the location of the new error log. To specify the location of the error logs, refer to the user's manual for the 'errorlogname' option and 'DSM_LOG' environmental variable.

ANU0488E: Initialization functions cannot open the error log: *log-name*. errno = *errno-value*,

Explanation

The file *log-name* could not be opened during initialization. The system set the error code *errno-value*. If the reason given is "access denied," the current user does not have permission to write to the log in the directory specified. It is also possible that no space is available at the given log location. If the reason is `errno = 13`, Permission denied, you have the following policy setting control enabled, User Account Control: Turn on Admin Approval Mode.

System action

Processing terminates.

User response

Set the DSM_LOG (or DSMI_LOG) environment variable to a directory into which the current user can write. You may also use the ERRORLOGNAME option to specify a file to which the current has write permission. If the reason is `errno = 13`, Permission denied, you should run the same operation in administrator mode.

ANU0495E: Failure writing to a IBM Storage Protect log or log-related file: *file-name*, errno = *errno-value*, reason

Explanation

A failure was encountered when writing to one of the log files or a related file named *file-name*. The system set the error code *errno-value*. *reason* is the system explanation of that error code. Among other things, it is possible that no space is available at the given log location.

System action

Processing terminates.

User response

Set the DSM_LOG (or DSMI_LOG) environment variable to a directory with adequate space to write the log data.

ANU0496I: Converting the *log-file* from continuous (pruning) mode to wrapping mode. This process may take several minutes.

Explanation

The *log-file* was previously in continuous mode where the only size control was through the use of ERRORLOGRETENTION or SCHEDLOGRETENTION option. This is the first occasion where ERRORLOGMAX or SCHEDLOGMAX is specified for this log, so its format must be changed and old data saved.

System action

Transition processing continues.

User response

None.

ANU0497I: DP is converting the *log-file* from wrapping mode to continuous (pruning) mode. This process may take several minutes.

Explanation

The *log-file* was previously in wrapping mode where the size control was through the use of the ERRORLOGMAX or SCHEDLOGMAX option. This is the first occasion where ERRORLOGMAX or SCHEDLOGMAX is not specified for this log, so its format must be changed and old data saved.

System action

Transition processing continues.

User response

None.

ANU0498I: *count* log records processed.

Explanation

This is just a progress report to let you know the process is still ongoing.

System action

Transition processing continues.

User response

None.

ANU0501E: Invalid Proxy Configuration Detected: Target Node '*targetnode*' is not listed as a valid node to proxy to for Node Name '*nodename*'.

Explanation

The proxy node configuration on the ISP Server is not correct to support this VSS operation.

System action

The VSS operation stops.

User response

Contact the ISP Server administrator to have the correct GRANT PROXY commands issued to enable proxy authority for the nodes. If the error persists, contact your service representative.

ANU0515E: Invalid DSMAGENT Node configuration found for node '*dsmagentnode*'.

Explanation

The DSMAGENT Node specified is not configured properly.

System action

The VSS operation stops.

User response

Verify that the DSMAGENT Node specified is correct and that the client acceptor is running for the DSMAGENT Node. If the error persists, contact your service representative.

ANU0516I: The Windows console event handler received a '*event*' console event.

Explanation

A console event was received by one of the Data Protection for Oracle processes or programs. The following events can be received:

- Ctrl-C - This indicates either the user entered the ctrl-c sequence or that one of the Windows services was stopped.

System action

None.

User response

None.

ANU0517I: An unexpected error was encountered. function name : *function-name* function : *function-desc* return code : *TSM-rc* file : *file-name* (*line-number*)

Explanation

None.

System action

Processing stops.

User response

Contact the DP administrator with the information provided in this message.

ANU0518E: Backups selected for restore must have the same backup location (ISP or LOCAL).

Explanation

A VSS restore operation was submitted that specified multiple backup objects. The backup objects chosen had different backup locations. This is not allowed. All backup objects submitted in the same VSS restore operation must have the same backup location, either ISP or LOCAL, but not both.

System action

The VSS restore operation stops.

User response

Retry the VSS restore operation specifying one backup object at a time.

ANU0519E: The VSS operation failed with rc = *returncode*.

Explanation

There was a failure when ISP performed the VSS operation.

System action

The VSS operation stops.

User response

Verify that the client acceptor is installed, configured, and running properly on the machine. Retry the operation. If the error persists, contact your service representative.

**ANU0520E: Failed to connect to Local DSMAGENT Node
'localdsmagentnode' at address:port 'address:portnumber'. Verify
that the client acceptor is installed, configured, and running properly.**

Explanation

An attempt was made to connect to the client acceptor running on the local machine. A communication error occurred when this connection was attempted.

System action

The operation stops.

User response

In order to perform VSS operations, you must have a client acceptor and a ISP Remote Client Agent Service (DSMAGENT) installed and configured properly. In addition, the client acceptor must be running. Verify that the client acceptor is installed, configured, and running properly on the local machine. If the error persists, contact your service representative.

**ANU0521E: Pruning functions cannot open the prune files: *log-name*.
errno = *errno-value*,**

Explanation

The file "*log-name*" could not be opened during pruning. The system set the error code *errno-value*. If the reason given is "access denied," the current user does not have permission to write to the file in the directory specified. It is also possible that no space is available at the given file location or another IBM Storage Protect process started by different user id is performing pruning at the same time.

System action

Pruning stops, processing continues.

User response

Set the DSM_LOG (or DSMI_LOG) environment variable to a directory into which the current user can write.

ANU0522E: DIAG:

Explanation

The message text is provided for diagnostic purposes and is meant to provide information to IBM support in problem determination.

System action

None.

User response

None.

ANU0524S: Error '*errtxt*' (errno=*errno*) occurred trying to write to audit log '*file-name*'. The audit log function is disabled.

Explanation

There was an error encountered writing to the audit log (for example, there is not enough space on the disk).

System action

Audit logging is disabled for the rest of the operation. The return code for the operation is set to 12 to indicate that the contents of the audit log are incomplete.

User response

If this is an out of space condition either free up space on the volume or try to write the audit log to a volume with more space.

ANU0555E: Invalid number of snapshots:

Explanation

System action

Policy was not created.

User response

Specify a number in the range: range: 1...9999 or NOLimit

ANU0556E: Invalid number of days:

Explanation

System action

The Policy was not created.

User response

Specify a number in the range: range: 0...9999 or NOLimit

ANU0571E: The specified policy was not found: '*policy*'

Explanation

System action

User response

Please make sure that the specified policy exists.

ANU0572E: The specified policy already exists: '*policy*'

Explanation

System action

Policy was not created.

User response

Enter a different name for the policy.

ANU0573E: The specified policy could not be updated: '*policy*'

Explanation

This is due to a problem in virtual server database.

System action

Processing stops.

User response

Make sure that IBM Spectrum Snapshot is configured correctly.

ANU0574E: The specified policy could not be deleted: '*policy*'

Explanation

This is due to a problem in virtual server database.

System action

Processing stops.

User response

Make sure that IBM Spectrum Snapshot is configured correctly.

ANU0575E: The specified policy could not be created: '*policy*'

Explanation

This is due to a problem in virtual server database.

System action

Processing stops.

User response

Make sure that IBM Spectrum Snapshot is configured correctly.

ANU0576I: There were no items found.

Explanation

The query completed successfully, but no results were found.

System action

None.

User response

Change the specified search criteria.

ANU0581E: Volume *volume-name* could not be locked.

Explanation

The system call to lock the volume failed.

System action

Processing stopped.

User response

Please verify that no other application is accessing the volume. During restore of an image exclusive use of the volume is required.

ANU0583E: Invalid name of policy specified. Valid input characters include alphanumeric characters and underscore.

Explanation

System action

Policy was not created.

User response

Please specify a valid name.

ANU0585E: Unable to connect to the client acceptor.

Explanation

Possible causes of this message include: The client acceptor is not running. The VSSALTSTAGINGDIR option setting in the TDP option file is not set to the same value as the VSSALTSTAGINGDIR option setting in the Data Protection for Oracle Remote Client Agent Service (DSMAGENT) option file. They must be set to the same value.

System action

The VSS operation stops.

User response

Ensure that the client acceptor is running. Ensure that the VSSALTSTAGINGDIR option setting in the TDP option file is set to the same value as the VSSALTSTAGINGDIR option setting in the Data Protection for Oracle Remote Client Agent Service (DSMAGENT) option file. After correcting the VSSALTSTAGINGDIR option inconsistency, retry the operation.

ANU0588E: The value for the BACKUPDESTination option is not allowed. Data Protection for Oracle is only licensed to run data protection operations to a IBM Storage Protect server. It is not licensed to backup or to restore locally managed snapshots.

Explanation

The value for the configuration option is not allowed. The only allowed value is ISP. Data Protection for Oracle is only licensed to run data protection operations to a IBM Storage Protect server. It is not licensed to backup or to restore locally managed snapshots.

System action

Processing ends.

User response

Set the backup destination to ISP. In order to create and restore local VSS backups it is required to use and install a fully-featured valid license or to purchase an upgrade, and install IBM Spectrum Snapshot.

ANU0589E: You are not allowed to set REMOTEDSMAGentnode option. Data Protection for Oracle is not licensed to perform offloaded VSS backups.

Explanation

The REMOTEDSMAGentnode option is used to perform offloaded VSS backups.

System action

The operation stops.

User response

In order to perform offloaded VSS backups install a valid fully-featured license.

ANU0590E: A Data Protection communication error with the IBM Storage Protect server has occurred.

Explanation

Communications with the IBM Storage Protect server has been lost.

System action

The operation stops.

User response

Correct the TCP/IP communications error with the IBM Storage Protect server and retry the operation.

ANU0591I: Communications with the IBM Storage Protect server recovered.**Explanation**

Communications with the IBM Storage Protect server has been successfully recovered.

System action

None.

User response

Continue with normal operations.

ANU0592E: The TCP/IP session with the IBM Storage Protect server was canceled.**Explanation**

The TCP/IP session with the IBM Storage Protect server was cancelled.

System action

The operation stops.

User response

Correct the reason the IBM Storage Protect server administrator cancelled the session and retry the operation.

ANU0593E: Data Protection for Oracle is not licensed to perform offloaded VSS backups.**Explanation**

Currently installed license does not allow to perform offloaded VSS backups. In order to use this feature it is necessary to install a valid fully-featured license.

System action

The operation stops.

User response

In order to perform offloaded VSS backups install a valid fully-featured license.

ANU0594E: You cannot perform offloaded VSS backups in a standalone configuration.

Explanation

OFFLOAD option is not available in a standalone configuration.

System action

The operation stops.

User response

In order to perform offloaded VSS backups you have to configure IBM Spectrum Snapshot to manage snapshot backups using a IBM Storage Protect server. To do this, you can use the configuration wizard.

ANU0595E: The options file '*optfile*' does not exist. It is required for proper operation.

Explanation

The specified ISP API options file could not be found. It is required in order to complete the command.

System action

Processing ends.

User response

Make sure to complete IBM Storage Protect configuration and try the operation again.

ANU0598E: The application cannot run in safe mode.

Explanation

The application requires either Services or Drivers that are not available when running in safe mode.

System action

The application processing stops.

User response

Restart the system using the normal startup. When the system is started, run the application.

ANU0599E: The application cannot establish a remote powershell connection.

Explanation

The application attempted to establish a remote powershell connection. The operation failed.

System action

The application processing stops.

User response

Verify you are using the correct credentials. For more information, see the Microsoft [about_Remote_Troubleshooting](#) Help topic.

ANU0601E: There is a problem that causes processing to stop. To identify the source of the problem and the solution, look for details in the service level trace file.

Explanation

This problem occurs when either the local or remote Powershell cmdlet or script reports an error. Details about the error are not available until more trace file information is analyzed.

System action

Application processing stops.

User response

To identify the problem, look for information in the service level trace files. For more information about viewing trace files, see the Troubleshooting section of the technical documentation provided with the software.

ANU0602E: While attempting to communicate with the remote client, a version check reveals that the versions do not match.

Explanation

During initialization between the local client and the remote client, version checking reveals that the versions do not match. This is usually the result of an upgrade of one client module without upgrading other client modules that are part of product solution.

System action

The calling procedure returns and control is passed back the user.

User response

Check the versions of all ISP Client products that communicate with each other and ensure that they are all at the same version, release, and level.

ANU0603S: File '*file-name*' could not be found, or it cannot be read.

Explanation

Common reasons for this error include:

- The default options file does not exist.
- The DSM_CONFIG (or DSMI_CONFIG if you are using the Data Protection for Oracle API) environment variable specifies an options file that does not exist.
- You specified the TSMOPTFILE or FCMOPTFILE option when starting the Data Protection for Oracle client, but the option file you provided does not exist.
- You specified the TSMOPTFILE or FCMOPTFILE option when starting the Data Protection for Oracle client, but the configuration file that you provided does not have appropriate read permissions for the user that is running the operation.

- You specified the CONFIGFILE option when starting the Data Protection for Oracle client, but the configuration file you provided does not exist.
- You specified the CONFIGFILE option when starting the Data Protection for Oracle client, but the options file that you provided does not have appropriate read permissions for the user that is running the operation.

System action

Data Protection for Oracle client processing stops.

User response

Make sure that the file you want to use exists, it has the read rights set for the user that is running the operation, and it is in the standard file encoding of the system. For example, on Windows the expected file encoding is ANSI. Review the configuration information in the Data Protection for Oracle client manual specific to your operating system. If the problem persists, ask your Data Protection for Oracle administrator for further assistance.

FMF0604E: The Backup you are mounting is not located on a SVC volume.

Explanation

Mounting with Snap Of A Snap is only supported with SVC volumes.

System action

Processing stopped.

User response

You may mount backups located as Read Only or Read Write with Snap Of A Snap disabled.

FMF0605E: The SVC Hardware Provider is not installed.

Explanation

Mounting with Snap Of A Snap is only supported by the SVC Hardware Provider.

System action

Processing stopped.

User response

Install the SVC Hardware Provider. Or you may mount backups as Read Only or Read Write with Snap Of A Snap disabled.

FMF0606E: The SVC Hardware Provider is not at minimum level.

Explanation

Mounting with Snap Of A Snap is only supported by the SVC Hardware Provider version 4.12 or higher.

System action

Processing stopped.

User response

Install SVC Hardware Provider version 4.12 or higher. Or you may mount backps as Read Only or Read Write with Snap Of A Snap disabled.

FMF0607E: The SVC VSS Hardware Provider has reported an error.**Explanation**

The SVC VSS Hardware Provider has reported an error.

System action

Processing stopped.

User response

See the SVC VSS Hardware Provider log for more details.

FMF0608E: The backup type is not a COPY backup type.**Explanation**

Only COPY or COPYFULL backup types maybe mounted read write when not useing the Snap Of A Snap feature

System action

Processing stopped.

User response

Enable the USESNAPOFASNAPTOMOUNT configuration option if you have a supported environemnt.

**ANU0649E: The disk provider does not support the snap of a snap feature.
See more details in the VSS Requester error log file
(baclient\dsmerror.log).****Explanation**

You can use the snap of a snap feature only on SVC and Storwize systems.

System action

Processing ends.

User response

Reset the USESNAPOFASNAPTOMOUNT option to No in the Data Protection configuration file and set MOUNTRW=Yes to mount the read/write backup.

ANU0650E: The mount point provided is invalid. It must be an existing empty folder, or a drive letter in case you mount a file system backup.

Explanation

The mount point provided is invalid. It must be an existing empty folder, or a drive letter in case you mount a file system backup.

System action

Processing ends.

User response

Provide an existing empty folder, or a drive letter in case you mount a file system backup.

ANU2500E: Oracle passed an invalid mode

Explanation

Invalid mode passed by Oracle.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2501E: Oracle passed a null file name

Explanation

Null file name passed by Oracle.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2502E: Wrong data block size

Explanation

Wrong data block size.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2503E: Backup object '*file space hlll*' already exists on ISP Server.**Explanation**

The object has previously been backed up to the ISP Server.

System action

Data Protection for Oracle returns to the calling procedure.

User response

If backing up an object, make sure Oracle is generating a unique backup object name.

ANU2504E: Dissimilar Oracle handle**Explanation**

The handle passed from Oracle is not the same handle that ISP passed back.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2505I: End of file reached**Explanation**

End of file reached.

System action

The system returns to the calling procedure.

User response

None.

ANU2506E: Wrong Read State**Explanation**

The operation must be in READ state.

System action

The system returns to the calling procedure.

User response

Contact ISP support.

ANU2507E: Runtime API version is outdated**Explanation**

Runtime API is lower than compile time API.

System action

The system returns to the calling procedure.

User response

Check compile time API level, obtain same or higher level of API library.

ANU2508E: Wrong write state**Explanation**

The operation must be in WRITE state.

System action

The system returns to the calling procedure.

User response

Contact ISP support.

ANU2509E: Invalid flag passed**Explanation**

Oracle passed an invalid flag.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2510E: The Caller must be a root user**Explanation**

Only a UNIX root user can execute password

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2511E: Reduce the number of copies to that specified in RMAN**Explanation**

The duplex copy feature has reached maximum allowed copies.

System action

The system returns to the calling procedure.

User response

Reduce the number of backup copies to that allowed by RMAN.

ANU2512E: Could not open license file: *license file***Explanation**

The license file could not be opened.

System action

The system returns to the calling procedure.

User response

Check that the license file exists with the correct permissions.

ANU2513E: Could not read license file: *license file***Explanation**

The license file could not be read.

System action

The system returns to the calling procedure.

User response

Check that the license file permissions are correct.

ANU2514E: Could not write license file: *license file***Explanation**

The license file could not be written.

System action

The system returns to the calling procedure.

User response

Check that the license file permissions are correct.

ANU2515E: Invalid data format in license file: *license file***Explanation**

The license file data format is invalid.

System action

The system returns to the calling procedure.

User response

Reinstall the license that came with Data Protection for Oracle.

ANU2516E: Bad checksum of license file: *license file***Explanation**

The license file has a bad checksum.

System action

The system returns to the calling procedure.

User response

Reinstall the license that came with Data Protection for Oracle.

ANU2517E: Try and Buy Evaluation period is over for license file: *license file***Explanation**

The Try and Buy Evaluation period is over.

System action

The system returns to the calling procedure.

User response

Purchase the product or discontinue use.

ANU2518E: License file: *license file* not valid for this application**Explanation**

The license file is not intended for this application.

System action

The system returns to the calling procedure.

User response

Reinstall the license that came with Data Protection for Oracle.

ANU2519E: Could not read password**Explanation**

There is an invalid password or the password file cannot be not found.

System action

The system returns to the calling procedure.

User response

Check that password file exists and is valid.

ANU2521E: Error opening *file name*. Check permissions.**Explanation**

A directory could not be created.

System action

The system returns to the calling procedure.

User response

Check that permissions allow the creation of directories.

ANU2522E: No memory available**Explanation**

There is not enough system memory to complete the action.

System action

The system returns to the calling procedure.

User response

Make more system resources available by closing other applications, then try the action again.

ANU2523E: The Management Class does not match**Explanation**

The management class for the query object could not be found.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2525E: Input date does not match expected date format or range.

Explanation

The input date does not match the expected date format or range.

System action

The system returns to the calling procedure.

User response

Check that the format and length of the date entry matches TDP_DATE_FORMAT type and the range of the date values are valid. Valid days are: 1-31 Valid months are: 1-12 Valid years are: 1990-2089

ANU2526I: Backup details for backup piece */fs/h1/11* (database *db*).
Total bytes processed: *number*. Deduplicated: *Yes / No*. Bytes after deduplication: *number*. Deduplication reduction: *rate*. Compressed: *Yes / No*. Bytes after compression: *number*. Compressed by: *rate*. Encryption: *type*. LAN-Free: *Yes / No*. Total bytes sent: *number*. Total data reduction: *rate*. Total processing time: *time*. Throughput rate: *rate* Kb/Sec.

Explanation

These are the backup details for the specified backup piece.

System action

The system returns to the calling procedure.

User response

Check the ISP Server activity log.

ANU2527I: Restore details for backup piece */fs/h1/11*. Total bytes received: *number*. Total processing time: *time*. Throughput rate: *rate* Kb/Sec.

Explanation

These are the restore details for that backup piece.

System action

The system returns to the calling procedure.

User response

Check the ISP Server activity log.

ANU2529E: To Date cannot occur before From Date

Explanation

The specified To Date occurs before From Date.

System action

The system returns this error.

User response

Enter a valid To Date that occurs after the From Date.

ANU2530E: Screen size is too small to accurately display the PICK window.

Explanation

You cannot use the PICK option on a workstation that has a screen smaller than 20 characters across and 10 lines down.

System action

The operation was not completed.

User response

Retry the operation using a workstation that has a screen with the minimum size.

ANU2531E: Could not create a temporary file name for Data Protection for Oracle utility

Explanation

A temporary file name could not be created by the Operating System call to tempnam().

System action

The system returns to the calling procedure.

User response

Check with the Operating System Vendor for specific reasons why the function call to tempnam() could fail. Take the necessary corrective action and try operation again.

ANU2532E: Unknown Error - View the Data Protection for Oracle error log

Explanation

There was an unknown error. View the tdpoerror.log.

System action

None

User response

None

ANU2533E: SQLPLUS error**Explanation**

The utility could not find SQLPLUS or there was a scripting error.

System action

The system returns to the calling procedure.

User response

Check that SQLPLUS is installed and located in your search path. Verify the password.

ANU2534E: Option file error.**Explanation**

The option or option file name is invalid.

System action

The system returns to the calling procedure.

User response

Check the tdperror.log file for an explanation of the error.

ANU2535I: File */fs/hl/ll* = *number* bytes sent**Explanation**

This is the total bytes sent to the server for that file name

System action

The system returns to the calling procedure.

User response

Check the ISP Server activity log.

ANU2536I: File */fs/hl/ll* = *number* bytes recieved**Explanation**

This is the total bytes received from the server for that backup file name.

System action

The system returns to the calling procedure.

User response

Check the ISP Server activity log.

ANU2537E: Error found while parsing options in Data Protection for Oracle options file.**Explanation**

There was an error found while parsing the Data Protection for Oracle options file.

System action

The system returns to the calling procedure.

User response

Check that the options and the options file are valid.

ANU2538E: Error found while initializing tracing for Data Protection for Oracle.**Explanation**

Error found while initializing the Data Protection for Oracle trace facility.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

ANU2539E: *Function Name*: Error - *string* pointer is NULL.**Explanation**

A NULL pointer was passed to Data Protection for Oracle.

System action

The system returns to the calling procedure.

User response

Contact your system administrator.

**ANU2571E: Could not load the Data Protection for Oracle library:
*library name*****Explanation**

Library cannot be loaded.

System action

The system returns to the calling procedure.

User response

Check that the library exists.

ANU2575E: An error was detected while attempting to open the file '*filename*' for writing.**Explanation**

The Data Protection for Oracle utility failed to open the file named in the error message.

System action

The system returns to the calling procedure.

User response

Check to ensure that the directory exists or that the directory has write permission, and that the disk is not full. Take the necessary corrective action and try operation again.

ANU2576E: An error was detected while attempting to open the file '*filename*' for reading.**Explanation**

The Data Protection for Oracle utility failed to open the temporary file named in the error message.

System action

The system returns to the calling procedure.

User response

Check to ensure that the file named in the error exists in the path specified and that the file named has read permissions. Take the necessary corrective action and try operation again.

ANU2600E: There is no Registry entry for the ISP API.**Explanation**

The Windows Registry entry was not found.

System action

The system returns to the calling procedure.

User response

Check that the ISP API is installed correctly.

ANU2601E: There is no Registry entry for the Data Protection for Oracle install path.

Explanation

The Registry Entry for the Data Protection for Oracle install path was not found.

System action

The system returns to the calling procedure.

User response

Check that Data Protection for Oracle was installed correctly.

ANU2602E: The object *Filespace NameHigh Level NameLow Level Name* was not found on the ISP Server

Explanation

The object name was not found on the ISP Server.

System action

The system returns to the calling procedure.

User response

Check that the object name is correct and that it exists on the ISP Server.

ANU2603E: The option *Option Name* in file *Filename* is invalid.

Explanation

An incorrect option was passed into the Data Protection for Oracle options file.

System action

The system returns to the calling procedure.

User response

Verify that your options are correct in the Data Protection for Oracle options file.

ANU2604W: The object *Filespace NameHigh Level NameLow Level Name* was not found on the ISP Server

Explanation

The object name was not found on the ISP Server.

System action

The system returns to the calling procedure.

User response

Check that the object name is correct and that it exists on the ISP Server.

ANU2610W: Data Protection for Oracle options tdpo_pswdpath, tdpo_node, and tdpo_owner are not allowed when passwordaccess is set to generate in the ISP client options file.

Explanation

This combination of Data Protection for Oracle and IBM Storage Protect client options is not valid.

System action

The option values are ignored and processing continues.

User response

Remove the options from Data Protection for Oracle options file.

ANU2612W: The "To Date" field is blank. Verify that the dates are accurate before proceeding.

Explanation

Entering invalid date ranges might result in deletion of valid data.

System action

Processing continues.

User response

Verify that the dates are accurate before proceeding.

ANU2613E: The "To Date" field cannot be blank if the TDPO_ENABLESCRIPTINPUT option is set to YES. Verify that the dates are accurate.

Explanation

Entering invalid date ranges might result in deletion of valid data.

System action

Processing continues.

User response

Verify that the dates are accurate before proceeding.

ANU2614E: Invalid sequence of function calls to Data Protection for Oracle

Explanation

Data Protection for Oracle received a function call from Oracle that is out of sequence.

System action

Data Protection for Oracle returns to the calling procedure.

User response

Contact Oracle or Data Protection for Oracle support.

ANU2615E: Options file '*filename*' not found.

Explanation

The option file name specified could not be located.

System action

The system returns to the calling procedure.

User response

Ensure that an option file exists in the default path or that the user specified option file is valid.

ANU2616E: Empty parameter specified for option '*option*' in options file '*filename*'.

Explanation

The option specified must have a parameter supplied.

System action

The system returns to the calling procedure.

User response

Ensure that a valid parameter for the given option is entered and valid.

ANU2617E: Could not get Data Protection for Oracle library version.

Explanation

The Data Protection for Oracle utility could not get Data Protection for Oracle library version. The library file used by Data Protection for Oracle utility is not a valid Data Protection for Oracle library.

System action

The Data Protection for Oracle utility exits.

User response

Check that Data Protection for Oracle was installed and set up correctly.

ANU2620E: Attempting to create or modify Data Protection for Oracle prompted password as non-root user.

Explanation

According to the settings in your Data Protection for Oracle options file you are attempting to authenticate using passwordaccess=prompt as a non-root user. Root access is needed to modify the Data Protection for Oracle password file.

System action

The system returns to the calling procedure.

User response

To create or modify the Data Protection for Oracle password file, switch to the root user and re-run the Data Protection for Oracle password configuration utility.

ANU2621E: Attempting to create or modify Data Protection for Oracle generated password as root user.

Explanation

According to the settings in your Data Protection for Oracle options file the TDPO_NODE is not defined which indicates that you are attempting to authenticate using passwordaccess=generate. As a root user this is not allowed.

System action

The system returns to the calling procedure.

User response

If you intend to use passwordaccess=prompt method of authentication please modify the Data Protection for Oracle and set TDPO_NODE to a valid registered TSM node and re-run the password configuration utility as root user.

ANU2622E: One or more option parameters contain invalid values.

Explanation

An invalid parameter value was specified at the command-line.

System action

The system returns to the calling procedure.

User response

Check the User's Guide for correct usage of option parameters and the possible values for this command. Retry the command with valid option values.

ANU2623I: No user input detected.

Explanation

Valid user input is required to fulfill the parameter request.

System action

The operation gives the user 3 attempts before returning to the calling procedure.

User response

Check the User's Guide for correct usage of the command and the possible values for this command. Retry the command with valid values.

ANU2627W: Passwordaccess value must be set to generate in the IBM Storage Protect client options file.

Explanation

The passwordaccess option value is incorrect. DP for Oracle can use passwordaccess generate only.

System action

The option value is ignored and processing continues.

User response

Set passwordaccess option value to generate in the IBM Storage Protect client options file.

ANU2628W: Data Protection for Oracle options tdpo_pswdpath, tdpo_node, and tdpo_owner are not allowed.

Explanation

These Data Protection for Oracle options are not allowed.

System action

The option values are ignored and processing continues.

User response

Remove the options from Data Protection for Oracle options file.

Accessibility features for the IBM® Storage Protect product family

Accessibility features assist users who have a disability, such as restricted mobility or limited vision, to use information technology content successfully.

Overview

The IBM® Storage Protect family of products includes the following major accessibility features:

- Keyboard-only operation
- Operations that use a screen reader

The IBM® Storage Protect family of products uses the latest W3C Standard, [WAI-ARIA 1.0 \(www.w3.org/TR/wai-aria/\)](http://www.w3.org/TR/wai-aria/), to ensure compliance with US Section 508 and [Web Content Accessibility Guidelines \(WCAG\) 2.0 \(www.w3.org/TR/WCAG20/\)](http://www.w3.org/TR/WCAG20/). To take advantage of accessibility features, use the latest release of your screen reader and the latest web browser that is supported by the product.

The product documentation in IBM® Documentation is enabled for accessibility.

Keyboard navigation

This product uses standard navigation keys.

Interface information

User interfaces do not have content that flashes 2 - 55 times per second.

Web user interfaces rely on cascading style sheets to render content properly and to provide a usable experience. The application provides an equivalent way for low-vision users to use system display settings, including high-contrast mode. You can control font size by using the device or web browser settings.

Web user interfaces include WAI-ARIA navigational landmarks that you can use to quickly navigate to functional areas in the application.

Vendor software

The IBM® Storage Protect product family includes certain vendor software that is not covered under the IBM license agreement. IBM makes no representation about the accessibility features of these products. Contact the vendor for accessibility information about its products.

Related accessibility information

In addition to standard IBM help desk and support websites, IBM has a TTY telephone service for use by deaf or hard of hearing customers to access sales and support services:

TTY service

800-IBM-3383 (800-426-3383)

(within North America)

For more information about the commitment that IBM has to accessibility, see [IBM Accessibility \(www.ibm.com/able\)](http://www.ibm.com/able).

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