



dump events

ONTAP EMS reference

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dump events

dump.bitmap events

dump.bitmap.fail

Severity

ERROR

Description

This event is generated during dump restarting and looking for the bitmap file and it is unable to locate

Corrective Action

(None).

Syslog Message

Missing bitmap files.

Parameters

(None).

dump.fail events

dump.fail.snapreserve

Severity

ERROR

Description

This event is generated while dump is trying to restart and there is no space left in the snap reserve

Corrective Action

Please increase the snap reserve space to avoid this error.

Syslog Message

Snapshots overflow reserved space.

Parameters

(None).

dump.file events

dump.file.has.security.label

Severity

NOTICE

Description

This message occurs when the dump engine encounters an NFS security label during any type of dump operation. The dump engine does not back up any NFS security labels but skips them and continues.

Corrective Action

(None).

Syslog Message

The dump engine encountered one or more inodes with NFS security labels. The dump engine will back up the inodes but will not back up the associated security labels.

Parameters

src_path (STRING): Path being backed up.

dump.inconsistent events

dump.inconsistent.acl_data

Severity

ERROR

Description

This message occurs when the dump engine encounters a disk error in an ACL file in a Snapshot(tm) copy. Backup will abort.

Corrective Action

Contact NetApp technical support.

Syslog Message

Dump of source path (%s), Snapshot copy ID (%d): WAFL ACL data inconsistent due to disk errors. Aborting the backup.

Parameters

src_path (STRING): Source path being backed up.

snap_id (INT): ID of the Snapshot copy where the disk error was encountered.

dump.inconsistent.file_data

Severity

ERROR

Description

This message occurs when the dump engine encounters a disk error in a file in a Snapshot(tm) copy. Backup will abort because the user selected the option to abort on disk error.

Corrective Action

Contact NetApp technical support.

Syslog Message

Dump of source path (%s), Snapshot copy ID (%d), inum (%u): WAFL data inconsistent due to disk errors. Aborting the backup as directed by ndmpd.abort_on_disk_error option.

Parameters

src_path (STRING): Source path being backed up.
snap_id (INT): ID of the Snapshot copy where the disk error was encountered.
inum (INT): Inode number of the file that encountered the disk error.

dump.inconsistent.ind_buf

Severity

ERROR

Description

This message occurs when the dump engine encounters a disk error in indirect buffers of a file in a Snapshot(tm) copy. Backup will abort because the user selected the option to abort on disk error.

Corrective Action

Contact NetApp technical support.

Syslog Message

Dump of source path (%s), Snapshot copy ID (%d), inum (%u): WAFL metadata and data inconsistent due to disk errors. Aborting the backup as directed by ndmpd.abort_on_disk_error option.

Parameters

src_path (STRING): Source path being backed up.
snap_id (INT): ID of the Snapshot copy where the disk error was encountered.
inum (INT): Inode number of the file that encountered the disk error.

dump.inconsistent.stream_data

Severity

ERROR

Description

This message occurs when the dump engine encounters a disk error in a stream associated with a file in a Snapshot(tm) copy. Backup will abort because the user selected the option to abort on disk error.

Corrective Action

Contact NetApp technical support.

Syslog Message

Dump of source path (%s), Snapshot copy ID (%d), stream inum (%u), base inum(%u): WAFL data inconsistent due to disk errors. Aborting the backup as directed by ndmpd.abort_on_disk_error option.

Parameters

src_path (STRING): Source path being backed up.
snap_id (INT): ID of the Snapshot copy where the disk error was encountered.
sinum (INT): Inode number of the stream that encountered the disk error.
inum (INT): Inode number of the basefile whose associated stream encountered the disk error.

dump.inconsistent.wafl_metadata

Severity

ERROR

Description

This message occurs when the dump engine encounters a disk error in either the inode file, a directory or a stream directory in a Snapshot(tm) copy. As a result of this error, the backup is aborted.

Corrective Action

Contact NetApp technical support.

Syslog Message

Dump of source path (%s), Snapshot copy ID (%d): WAFL metadata inconsistent due to disk errors.
Aborting the backup.

Parameters

src_path (STRING): Source path being backed up.

snap_id (INT): ID of the Snapshot copy where the disk error was encountered.

dump.inconsistent_streamdir_lunclone events

dump.inconsistent_streamdir_lunclone

Severity

ERROR

Description

This message occurs when the dump engine encounters a disk error in a stream directory of an inconsistent LUN clone in a Snapshot(tm) copy. Backup will abort because the user selected the option to abort on disk error.

Corrective Action

Contact NetApp technical support.

Syslog Message

Dump of source path (%s), Snapshot copy ID (%d): WAFL metadata inconsistent due to disk errors.
Aborting the backup.

Parameters

src_path (STRING): Source path being backed up.

snap_id (INT): ID of the Snapshot copy where the disk error was encountered.

dump.max events

dump.max.limit

Severity

ERROR

Description

This message occurs when new dump or restore sessions cannot be started because the limit for this platform has been reached.

Corrective Action

Dump/restore operation limit has been reached for this platform.

Syslog Message

Maximum limit of dump/restore sessions (%d) has been reached.

Parameters

max_limit (INT): Maximum dump and restore session limits.

dump.notify events

dump.notify.backward.ctime

Severity

ALERT

Description

This message occurs when the dump incremental backup might be incomplete. When setting ctime to past values is allowed, files copied to volumes through SMB/CIFS might have timestamps that are in the past compared to the time of copy. If an inode number is reused for the files with timestamps in the past that were copied into the volume after the last backup, the files will be missed in the incremental backup.

Corrective Action

Disable updates to ctime with past values by setting "bootarg.wafl.allow_ctime_backward" to "false", reboot the nodes, and then start a new backup chain from the baseline. For more information on the workaround, contact Technical Support.

Syslog Message

The incremental backup (Dump name = "%s", Snapshot copy ID = "%d") might be incomplete because setting ctime to past values is allowed on this node.

Parameters

dump_name (STRING): Dump name.

snap_id (INT): ID of the Snapshot copy being backed up.

dump.register events

dump.register.commit

Severity

ERROR

Description

This event is generated when a registry transaction failed to commit

Corrective Action

(None).

Syslog Message

Failed to flush backup table entry upgrade to registry: %s

Parameters

subject (STRING): Error description

dump.register.create

Severity

ERROR

Description

This event is generated when a registry creation is failed. Memory allocation failure

Corrective Action

(None).

Syslog Message

Failed to create a registry transaction for dump(%d).

Parameters

dump_id (INT): Dump ID

dump.register.set

Severity

ERROR

Description

This event is generated when a registry is tried to set and failed because a freed transaction is being tried to set

Corrective Action

(None).

Syslog Message

Failed to write context update information to registry.

Parameters

(None).

dump.snapshot events

dump.snapshot.fail

Severity

ERROR

Description

This event is generated during dump restarting and looking for the snapshot that was created by the dump while it was terminating last time and we are unable to locate the snapshot

Corrective Action

(None).

Syslog Message

Unable to locate snapshot needed by dump context ID (%d).

Parameters

dump_id (INT): Dump ID

dump.terminate events

dump.terminate

Severity

NOTICE

Description

This event is generated during dump termination, we see if we can retrieve the name of the dump. If we are unable to retrieve the name of the dump then dump id that is terminated is notified or else both dump id and name of the dump are notified

Corrective Action

(None).

Syslog Message

Terminating dump(%d)%s

Parameters

dump_id (INT): Dump ID

dump_name (STRING): Dump Name

dump.terminate.reserved

Severity

NOTICE

Description

This event is generated when we tried to terminate dump and have checked if dump is in the reserved state. This is just a notification message for dump termination and it is also restartable.

Corrective Action

(None).

Syslog Message

Terminating restartable dump(%d)

Parameters

dump_id (INT): Dump ID

dump.transit events

dump.transit.fail

Severity

ERROR

Description

This event is generated when the failover is still in transit while waiting for the dump to be initialized

Corrective Action

(None).

Syslog Message

Failover is still in transit.

Parameters

(None).

dump.volume events

dump.volume.memory

Severity

NOTICE

Description

This event is generated when we are trying to dump a volume which is full and we cannot write the offsetmap on to the disk and we are using memory instead of disk to do this.

Corrective Action

Please free up some of the disk space for this volume in order to avoid this memory consumption.

Syslog Message

DUMP using memory due to lack of disk space on /vol/%s.

Parameters

vol_name (STRING): Name of the volume that is full which needs to be freed

dump.xfercomplete events

dump.xfercomplete.inconsistent_data

Severity

ERROR

Description

This message occurs when the dump engine completes data backup with disk errors in user files.

Corrective Action

Contact NetApp technical support.

Syslog Message

Dump of source path (%s): One or more files in the backup encountered disk errors. Refer to /etc/log/backup for a list of files that encountered disk errors.

Parameters

src_path (STRING): Source path being backed up.

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