



## **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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