snapdiff events

ONTAP EMS reference

NetApp
November 18, 2025

This PDF was generated from https://docs.netapp.com/us-en/ontap-ems/snapdiff-rebl-events.html on November 18, 2025. Always check docs.netapp.com for the latest.

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snapdiff events

snapdiff.rebl events

snapdiff.rebl.absent.allocated.block

Severity

INFORMATIONAL

Description

This message occurs when SnapDiff®, the snapshot copy differencing engine, encounters an absent allocated block. The absent allocated block is replicated to destination as raid error and Replication is unaffected by this issue.

Corrective Action

None. Zombie count of 0 is expected even when zombie processing is ongoing.

Syslog Message

Encountered an absent allocated block on inode %u in snapshot copy ID %u of volume %u Zombie processing: %u.

Parameters

inode_num (INT): Identifier of the affected file.
snap_id (INT): Identifier of the snapshot.
fsid (INT): Identifier of the volume.
zombie_processing (INT): Ongoing zombie processing.

snapdiff.rebl.BadAccessTime

Severity

NOTICE

Description

This message occurs when SnapDiff®, the snapshot copy differencing engine, encounters an invalid access time for an inode. Future accesses of the inode should not only succeed, but also reset its access time to a valid value. Replication is also unaffected by this issue.

Corrective Action

Run the (privilege: advanced) "inodepath -v volume_name inode_number" command to find the path of the affected file from the inode number, and modify the file within the Active File System. Note that file attributes captured in a snapshot copy cannot be changed.

Syslog Message

Encountered invalid access time on inode %u in snapshot ID %u of volume %u.

Parameters

inode_num (INT): Identifier of the affected file.
snap_id (INT): Identifier of the snapshot.
fsid (INT): Identifier of the volume.

snapdiff.rebl.BadModifyTime

Severity

NOTICE

Description

This message occurs when SnapDiff®, the snapshot copy differencing engine, encounters an invalid modification time for an inode. Future accesses of the inode should not only succeed, but also reset its modification time to a valid value. Replication is also unaffected by this issue.

Corrective Action

Run the (privilege: advanced) "inodepath -v volume_name inode_number" command to find the path of the affected file from the inode number, and modify the file within the Active File System. Note that file attributes captured in a snapshot copy cannot be changed.

Syslog Message

Encountered invalid modify time on inode %u in snapshot ID %u of volume %u.

Parameters

inode_num (INT): Identifier of the affected file.
snap_id (INT): Identifier of the snapshot.
fsid (INT): Identifier of the volume.

snapdiff.spinnp events

snapdiff.spinnp.abort.mgwd

Severity

NOTICE

Description

This message occurs when the system encounters an unexpected condition while computing differences between snapshots using the SnapDiff v2 API.

Corrective Action

(None).

Syslog Message

Encountered unexpected Data ONTAP error while computing differences between snapshots using the SnapDiff v2 API. SnapDiff session ID %s, FlexGroup %s, in vserver %s, with MSID %lu, diff snapshot %s, diff snapshot ID %lu, base snapshot %s, base snapshot ID %lu, current constituent DSID %lu. Error: %s

Parameters

sessionId (STRING): SnapDiff v2 session ID.
fgName (STRING): FlexGroup name.
vsName (STRING): Vserver name.
fgMsid (LONGINT): FlexGroup MSID.
diffSnapName (STRING): Diff snapshot name.
diffSnapId (LONGINT): Diff snapshot logical ID.
baseSnapName (STRING): Base snapshot name.
baseSnapId (LONGINT): Base snapshot logical ID.

curDsid (LONGINT): Current constituent DSID.
error (STRING): Error message.

snapdiff.zapi events

snapdiff.zapi.filenameUnavailable

Severity

ERROR

Description

This message occurs when the snapshot differencing engine, SnapDiff, fails to obtain an appropriate file name for the requested file access protocol. The SnapDiff session is aborted and future attempts will fail until the problem is resolved.

Corrective Action

(Call support).

Syslog Message

Failed to get an appropriate file name for the requested file access protocol for directory entry with inode %u in directory with inode %u in snapshot %u of volume %u.

Parameters

inode_num (INT): Identifier of the directory entry.
parent_inode_num (INT): Identifier of the directory.
incr_snap_id (INT): Identifier of the incremental snapshot.
fsid (INT): Identifier of the volume.
base_snap_id (INT): Identifier of the base snapshot.

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