



sync events

ONTAP EMS reference

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sync events

sync.snapmirror events

sync.snapmirror.arl.veto

Severity

ALERT

Description

This message occurs when a storage failover (SFO) operation is vetoed because the aggregate is hosting volumes that are in a SnapMirror® Synchronous relationship with StrictSync policy.

Corrective Action

Either convert all SnapMirror Synchronous relationships with StrictSync Policy to Sync Policy for the volumes in the aggregate and then retry the operation, or retry the operation with the "override-vetoed true" parameter. Note: Using this option can cause an I/O disruption.

Syslog Message

SnapMirror vetoed storage failover operation because aggregate "%s" is hosting volumes that are in a SnapMirror Synchronous relationship with StrictSync policy.

Parameters

aggrname (STRING): Name of the aggregate.

sync.snapmirror.oos.frequent

Severity

ERROR

Description

This message occurs when a SnapMirror® Sync relationship frequently changes status from "in-sync" to "out-of-sync". This behaviour impacts data protection. I/O restrictions are imposed on the source volume based on the mode of replication. For relationships with policy type "strict-sync-mirror", both client read AND write access are disallowed.

Corrective Action

Check network connection between the source and destination volumes. Monitor the SnapMirror® Sync relationship status by using the "snapmirror show" command and observe field "last-transfer-error" to identify the reasons for frequent status change of the SnapMirror® Sync relationship to "out-of-sync".

Syslog Message

Source volume "%s" and destination volume "%s" with relationship UUID "%s" is frequently undergoing change in status from "in-sync" to "out-of-sync".

Parameters

srcpath (STRING): Path name of the source volume of the SnapMirror relationship.

dstpath (STRING): Path name of the destination volume of the SnapMirror relationship.

relationship_id (STRING): Relationship UUID.

sync.subsystem events

sync.subsystem.replicate.err

Severity

ALERT

Description

This message occurs when an error occurs on replicating a subsystem synchronously.

Corrective Action

To get further details on the subsystems that have replication errors, use the command: "vserver nvme subsystem show -replication-error !- -instance".

Syslog Message

Replication of the subsystem between source Vserver "%s" and peer Vserver "%s" has failed with error "%s".

Parameters

vserver_name (STRING): Name of the source Vserver.

peer_vserver_name (STRING): Name of the replication peer Vserver.

error (STRING): Error that occurred.

vserver_uuid (STRING): UUID of the source Vserver.

peer_vserver_uuid (STRING): UUID of the replication peer Vserver.

peer_relationship_uuid (STRING): UUID of the relationship between the source and peer.

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