



ffm events

ONTAP EMS reference

NetApp
November 20, 2025

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ffm events

ffm.attach events

ffm.attach.outage.end

Severity

NOTICE

Description

This message occurs when volumes on an aggregate become available to the protocol clients near the end of the attach phase of volume relocation.

Corrective Action

(None).

Syslog Message

Protocol outage for volumes on aggregate "%s" has ended at %u, %u ms after the attach callback (including %u ms for replay).

Parameters

aggr_name (STRING): Name of the aggregate.

sk_msecs (LONGINT): Timestamp of this event.

attach_protocol_outage_duration (LONGINT): Duration in milliseconds from the moment of the attach callback to this event.

attach_replay_duration (LONGINT): Duration of the nvlog replay before the protocol outage ends.

ffm.attach.outage.summary

Severity

NOTICE

Description

This message occurs when the attach phase of graceful or ungraceful volume relocation finishes.

Corrective Action

(None).

Syslog Message

Attach of volumes on aggregate "%s" has started at %u and ended at %u. Total attach time: %u ms.

Parameters

aggr_name (STRING): Name of the aggregate.

attach_start_sk_msecs (LONGINT): Timestamp when the attach starts.

attach_end_sk_msecs (LONGINT): Timestamp of this event.

attach_op_total (LONGINT): Duration in milliseconds from the moment of the attach callback to this event.

ffm.dataip events

ffm.dataip.failedToHost

Severity

NOTICE

Description

This message occurs when a data IP address was failed to host on the node. Data access through this IP address is not available.

Corrective Action

(None).

Syslog Message

Data IP address %s was failed to host by the NFS protocol service on the node %s (ID: %u).

Parameters

dataip (STRING): The IP address that was failed to host.

nodename (STRING): Name of the node on which the data IP was failed to host.

nodeid (INT): Unique identifier of the node on which the data IP was failed to host.

ffm.dataip.successfullyHosted

Severity

NOTICE

Description

This message occurs when a data IP address was successfully hosted on the node. Data access through this IP address is now available.

Corrective Action

(None).

Syslog Message

Data IP address %s was hosted by the NFS protocol service on the node %s (ID: %u).

Parameters

dataip (STRING): The IP address that was hosted.

nodename (STRING): Name of the node on which the data IP was hosted.

nodeid (INT): Unique identifier of the node on which the data IP was hosted.

ffm.detach events

ffm.detach.outage.start

Severity

NOTICE

Description

This message occurs when a volume becomes unavailable to protocol traffic during a graceful volume relocation.

Corrective Action

(None).

Syslog Message

Protocol outage of volume "%s" on aggregate "%s" has started. Timestamp: %u, %u ms after the detach callback.

Parameters

volume_name (STRING): Name of the volume.

aggr_name (STRING): Name of the aggregate.

sk_msecs (LONGINT): Timestamp of this event.

detach_lead_time (LONGINT): Duration in milliseconds from the moment of the detach callback to this event.

ffm.detach.outage.summary

Severity

NOTICE

Description

This message occurs when the detach phase of graceful volume relocation finishes.

Corrective Action

(None).

Syslog Message

Detach protocol outage has completed for volumes on aggregate %s. Timestamp: %u, estimated protocol outage duration: %u ms, total detach duration: %u ms.

Parameters

aggr_name (STRING): Name of the aggregate.

detach_end_sk_msecs (LONGINT): Timestamp of this event.

est_detach_protocol_outage_duration (LONGINT): Estimated duration in milliseconds from the start to the end of the protocol outage for the detach operation.

detach_op_total (LONGINT): Duration in milliseconds from the moment of the detach callback to this event.

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