fmmb events

ONTAP EMS reference

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fmmb events

fmmb.add events

fmmb.add.problem

Severity

ERROR

Description

This event is issued when the HA mailbox is attempting to add a mailbox disk and a problem occurred.

Corrective Action

(None).

Syslog Message

Error attempting to add disk %s as a %s HA mailbox disk.

Parameters

disk (STRING): The name of the disk. If the disk name is not available, a ?.? will be used.
host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.

fmmb.blobnotfound events

fmmb.BlobNotFound

Severity

ALERT

Description

This message occurs when a mailbox 'blob' is not read from the on-disk mailbox data structure. A 'blob' is a piece of data which has been stored for a non-High Availability (HA) Data ONTAP® subsystem in the mailbox.

Corrective Action

If the blob id is "3" and this is a 2-node cluster, use the 'cluster ha modify -configure' command to unconfigure ha and then reconfigure it.

Syslog Message

(None).

Parameters

blob_id (INT): 'blob' ID.
owner (STRING): Owner of the blob, either PARTNER or LOCAL.
reason (STRING): Reason for the problem.

fmmb.blobnotwritten events

fmmb.BlobNotWritten

Deprecated

Deprecated as of version 9.2.

Severity

ALERT

Description

This message occurs when a mailbox 'blob' write operation to the on-disk mailbox data structure fails. A 'blob' is a piece of data that has been stored for a non-high availability (HA) Data ONTAP® subsystem in the HA mailbox.

Corrective Action

If the blob ID is "3" and this is a two-node cluster, use the 'cluster ha modify -configure' command to unconfigure HA and then reconfigure it.

Syslog Message

(None).

Parameters

blob_id (INT): 'blob' ID.
owner (STRING): Owner of the blob, either PARTNER or LOCAL.
reason (STRING): Reason for the problem.

fmmb.blobwritten events

fmmb.BlobWritten

Severity

INFORMATIONAL

Description

This message occurs when a mailbox 'blob' write to the on-disk mailbox data structure succeeds. A 'blob' is a piece of data that has been stored for a non-high availability (HA) Data ONTAP® subsystem in the HA mailbox.

Corrective Action

(None).

Syslog Message

Blob %d: bytes written %d: data: %llx.

Parameters

blob_id (INT): 'blob' ID.
blob_data_len (INT): Total number of bytes of data written.
data (LONGINTHEX): First eight bytes of the data written.

fmmb.current events

fmmb.current.lock.disk

Severity

INFORMATIONAL

Description

This event is issued when HA mailbox disks are discovered or allocated.

Corrective Action

(None).

Syslog Message

Disk %s is a %s HA mailbox disk.

Parameters

disk (STRING): The name of the disk. If the disk name is not available, the name ?.? will be used.
host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.

fmmb.destroy events

fmmb.destroy.mbx

Severity

INFORMATIONAL

Description

This event is issued when the high-availability (HA) Mailbox contents are cleared, typically by the 'mailbox destroy' command.

Corrective Action

(None).

Syslog Message

(None).

Parameters

disk_name (STRING): Disk name on which the mailbox was cleared.

fmmb.destroy.mbx.fail

Severity

NOTICE

Description

This event is issued when an attempt is made to destroy the mailbox contents on the disk and this fails. Data ONTAP to a 7.0 or later version.

Corrective Action

(None).

Syslog Message

Failed to clear mailbox on disk:%s, error:%s.

Parameters

disk_name (STRING): disk name on which we are trying to clear the mailbox.
error (STRING): The reason why mailbox clear failed.

fmmb.disk events

fmmb.disk.IDchange

Severity

INFORMATIONAL

Description

This event is issued when the unique identifier of one of the disks used by the HA mailbox has changed.

Corrective Action

(None).

Syslog Message

Disk %s has changed its unique identifier.

Parameters

disk (STRING): The name of the disk whose identifier has changed.

fmmb.disk.notAccsble

Severity

NOTICE

Description

This message occurs when mailbox disks of the specified host are not accessible.

Corrective Action

(None).

Syslog Message

All %s mailbox disks are inaccessible.

Parameters

host (STRING): Host string, which is either local or partner.

fmmb.exthdr events

fmmb.exthdr.null

Severity

ERROR

Description

This event is issued when the HA Mailbox extension header is invalid. The extension header is an on-disk structure which describes the opaque client blocks and major reset structures.

Corrective Action

(None).

Syslog Message

HA Mailbox extension header is null.

Parameters

host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.

fmmb.instStat events

fmmb.instStat.change

Severity

INFORMATIONAL

Description

This message occurs whenever the mailbox instance state changes.

Corrective Action

(None).

Syslog Message

%s on %s side.

Parameters

buff (STRING): Instance state string.
host (STRING): Host string, which is either local or partner.

fmmb.lock events

fmmb.lock.disk.remove

Severity

INFORMATIONAL

Description

This event is issued when a disk is removed from the HA mailbox disk lock set.

Corrective Action

(None).

Syslog Message

Disk %s removed from %s mailbox set.

Parameters

disk (STRING): The name of the disk. If the disk name is not available, a ?.? will be used.
host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.

fmmb.major events

fmmb.major.reset.invalid

Severity

ALERT

Description

This event is issued when the HA Mailbox major reset data should exist and it doesn’t. The major reset data in the mailbox is created and used when there is a major change of information kept in the HA mailbox records.

Corrective Action

(None).

Syslog Message

HA %s Mailbox major reset header information is invalid.

Parameters

host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.

fmmb.mediator events

fmmb.mediator.lckdiskSuggest

Severity

INFORMATIONAL

Description

This message occurs when a mailbox disk from the mediator site is selected to be included in the mailbox disk list.

Corrective Action

(None).

Syslog Message

(None).

Parameters

side (INT): The mailbox instance side. The value of 0 for local mailbox and the value of 1 for partner mailbox.
uuid (STRING): Disk unique ID of the mailbox disk on mediator site.

fmmb.mediator.noLckdisk

Severity

INFORMATIONAL

Description

This message occurs when there is no mediator mailbox detected.

Corrective Action

(None).

Syslog Message

(None).

Parameters

side (INT): The mailbox instance side. The value of 0 for local mailbox and the value of 1 for partner mailbox.

fmmb.mediator.nullLckdiskSuggest

Severity

INFORMATIONAL

Description

This message occurs when there is null mediator mailbox detected.

Corrective Action

(None).

Syslog Message

(None).

Parameters

side (INT): The mailbox instance side. The value of 0 for local mailbox and the value of 1 for partner mailbox.

fmmb.mmr events

fmmb.MMR.payload.bad

Severity

ALERT

Description

This event is issued when the outbound FM payload area is found to be corrupted and the master mailbox record is missing.

Corrective Action

(None).

Syslog Message

%s outbound FM payload area is invalid and the master mailbox record is missing.

Parameters

host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.

fmmb.newdisksuggestion events

fmmb.NewDiskSuggestion

Severity

INFORMATIONAL

Description

This message occurs when RAID sends to the high-availability (HA) mailbox code a list of disks to use for HA mailbox disks.

Corrective Action

(None).

Syslog Message

(None).

Parameters

count (INT): Number of suggested disks.
new (STRING): List of suggested disks.
old (STRING): Current list of HA mailbox disks.

fmmb.oldformatcleared events

fmmb.oldFormatCleared

Severity

INFORMATIONAL

Description

This event is issued when the older format HA mailboxes (special area of disk used for bookkeeping) are cleared on an upgrade from a pre 7.0 version of Data ONTAP to a 7.0 or later version.

Corrective Action

(None).

Syslog Message

Clearing content of %s old format HA mailboxes (special area of disk used for bookkeeping).

Parameters

whichone (STRING): Either local or partner to indicate which set of HA mailboxes are being cleared.

fmmb.opaque events

fmmb.opaque.hdr.invalid

Severity

ALERT

Description

This event is issued when the HA Mailbox opaque header is invalid. The opaque area in the HA Mailbox is used by HA mailbox clients, like RAID, to store persistent information.

Corrective Action

(None).

Syslog Message

HA %s Mailbox opaque header is invalid.

Parameters

host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.

fmmb.payload events

fmmb.payload.outbound.bad

Severity

ALERT

Description

This event is issued when the outbound FM payload area is found to be corrupted. The invalid fm state information is logged. As a result of this condition the payload is zeroed and HA mailbox re-initialization is done.

Corrective Action

(None).

Syslog Message

%s outbound FM payload area is invalid with fmState of %d.

Parameters

host (STRING): The node which owns the HA mailbox disk. The node can be either local or partner.
fmState (INT): The invalid FM state information.

fmmb.revert events

fmmb.revert.opaque

Severity

ERROR

Description

This event is issued when the HA Mailbox opaque recieves a write request for the opaque area and a revert_to command is in progress. The write request is rejected. The opaque area in the HA Mailbox is used by non HA mailbox clients, like RAID, to store persistent information.

Corrective Action

(None).

Syslog Message

HA Mailbox RAID write request rejected during revert.

Parameters

(None).

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