cam events

ONTAP EMS reference

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Table of Contents

cam events . . . 1
- cam.counters events . . . 1
  - cam.counters.device.gone . . . 1
- cam.dev events . . . 1
  - cam.dev.fuaNotSupported . . . 1
  - cam.dev.fuaNotVerified . . . 1
- cam.timeout events . . . 2
  - cam.timeout.retry . . . 2

cam events

cam.counters events

cam.counters.device.gone

Severity

INFORMATIONAL

Description

This message occurs when a device goes away when collecting I/O statistics.

Corrective Action

(None).

Syslog Message

Device %s is going away, current flags are 0x%x.

Parameters

device_name (STRING): Device name.
flags (INTHEX): Device flags.

cam.dev events

cam.dev.fuaNotSupported

Severity

ALERT

Description

This message occurs when the disk does not support the Forced Unit Access (FUA) feature bit. Using this disk with the write cache enabled can lead to data corruption.

Corrective Action

Use disks with the write cache disabled or disks where the FUA feature is supported.

Syslog Message

FUA feature is not supported for disk %s%d with target address %s.

Parameters

periph_name (STRING): Disk name.
unit (INT): Unit number.
target_addr (STRING): Disk target address.

cam.dev.fuaNotVerified

Severity

ALERT

Description

This message occurs when ONTAP® software fails to read the SCSI page containing the Forced Unit Access (FUA) feature bit. Using the disk with the write cache enabled and FUA not supported can lead to data corruption.

Corrective Action

Because ONTAP cannot determine the state of the FUA feature bit, disable the disk write cache if it is enabled by default. If the write cache cannot be disabled, replace the disk to avoid corruption.

Syslog Message

Unable to read the FUA settings for disk %s%d with target address %s.

Parameters

periph_name (STRING): Disk name.
unit (INT): Unit number.
target_addr (STRING): Disk target address.

cam.timeout events

cam.timeout.retry

Severity

NOTICE

Description

This message occurs when an I/O request to a Common Access Method (CAM) device driver times out. This might be indicative of an overloaded back-end storage subsystem. The I/O operation will be retried; this message does not indicate failure.

Corrective Action

(None).

Syslog Message

CAM device driver I/O timeout. %s%s%s.

Parameters

cam_timeout (STRING): Timeout message for an I/O request from a CAM device driver.
uuid (STRING): Unique identifier for the device.
outstanding (STRING): Command that timed out and its elapsed time.

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