



vnvram events
ONTAP EMS reference
NetApp
November 22, 2024

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Severity

ALERT

Description

This message occurs when a vNVRAM flush operation on an ONTAP-v system is taking too much time. This can indicate back-end storage issues or an internal error. The system might also reboot.

Corrective Action

If the problem persists, check for back-end storage issues with the system disk.

Syslog Message

vNVRAM flush taking over %d seconds.

Parameters

`vnvr_wait_sec` (INT): Time in seconds for the vNVRAM flush operation.

vnvram.flush events

vnvram.flush.ems

Severity

NOTICE

Description

This message occurs when the write to the backing storage device for the EMS region of VNV RAM (virtual NVRAM) takes longer than 500 msec.

Corrective Action

(None).

Syslog Message

EMS region write to VNV RAM persistent storage took %d seconds.

Parameters

`vnvr_write_time` (LONGINT): Time in seconds taken for the EMS region write to persistent storage.

vnvram.flushed events

vnvram.flushed

Severity

NOTICE

Description

This message occurs when the VNVRAM contents of any ONTAP-based virtual appliance that is not using full-mode VNVRAM, are written to the backing storage device. The writes would have occurred during either a clean or dirty shutdown.

Corrective Action

(None).

Syslog Message

Write to VNVRAM persistent storage is complete (%s).

Parameters

vnvr_reg (STRING): Section of NVRAM that was written to the backing device.

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