



cecc_log events

ONTAP EMS reference

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cecc_log events

cecc_log.dropped events

cecc_log.dropped

Severity

NOTICE

Description

This message occurs when the ECC error logger dropped some correctable ECC errors without logging them. Typically, correctable ECC errors are logged in the system even though they are automatically corrected. They are dropped due to lack of buffer space in the ECC error logger. This might be a sign of high frequency of ECC errors. If the number of ECC errors dropped crosses a certain predefined threshold, the ECC error logger issues a `cecc_log.masked` message.

Corrective Action

(None).

Syslog Message

Dropped %lld additional correctable ECC error details.

Parameters

`num_cecc_batch_dropped` (LONGINT): Number of correctable ECC errors dropped without being logged.

cecc_log.entry events

cecc_log.entry

Severity

NOTICE

Description

Correctable ECC errors occurred in the system memory. The system automatically corrects these errors. All the corrected errors are reported by the ECC error logger to track the history of occurrence of these errors.

Corrective Action

(None).

Syslog Message

%lld: %s

Parameters

`cecc_entry_num` (LONGINT): Number of correctable ECC errors since boot.

`cecc_msg` (STRING): Information about the ECC error.

cecc_log.entry_no_syslog events

cecc_log.entry_no_syslog

Severity

NOTICE

Description

Correctable ECC errors occurred in the system memory. The system automatically corrects these errors. All the corrected errors are reported by the ECC error logger to track the history of occurrence of these errors.

Corrective Action

(None).

Syslog Message

(None).

Parameters

cecc_entry_num (LONGINT): Number of correctable ECC errors since boot.

cecc_msg (STRING): Information about the ECC error.

cecc_log.masked events

cecc_log.masked

Severity

ERROR

Description

This message occurs when the ECC error logger stops reporting the occurrence of correctable ECC errors because the frequency of their occurrence is too high. The ECC logger crossed the predefined threshold of ECC errors that can be dropped. Reporting is suppressed to control the log traffic, but the system sends out a periodic message as a reminder.

Corrective Action

Use the "system controller memory dimm show" command to check system memory.

Syslog Message

Error logging temporarily suspended due to excessive CECC errors.

Parameters

(None).

cecc_log.summary events

cecc_log.summary

Severity

NOTICE

Description

This message occurs when the ECC error logger reports its periodic summary of new correctable ECC

errors that occurred after the last report and the total number of ECC errors that occurred since boot. These errors were corrected by the system.

Corrective Action

(None).

Syslog Message

Total of %lld new correctable ECC errors just reported. You might want to check system memory. %lld correctable ECC errors reported since booting.

Parameters

num_ceccs (LONGINT): Number of new correctable ECC errors after the last summary.

total_num_ceccs (LONGINT): Number of correctable ECC errors since boot.

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