



## **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 %ld 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

%ld: %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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