



## **haosc events**

### **ONTAP 9.15.1 EMS reference**

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# haosc events

## haosc.config events

### haosc.config.unknown.cf

#### Severity

ALERT

#### Description

This message occurs when the chassis and controller field-replaceable unit programmable read-only memories (FRU PROMs) have inconsistent data.

#### Corrective Action

Boot into Maintenance mode and run the 'ha-config modify' command to set the controller and chassis configuration to stand-alone or HA, as appropriate. Exercise extreme caution. Setting the wrong configuration might lead to data loss.

#### Syslog Message

Cannot determine whether configuration should be stand-alone or HA. Chassis is in %s configuration, and controller is in %s configuration.

#### Parameters

**cha\_config** (STRING): Chassis FRU PROM HA configuration string.  
**cont\_config** (STRING): Controller FRU PROM HA configuration string.

### haosc.config.unknown.ls

#### Severity

ALERT

#### Description

This message occurs when the chassis and controller field-replaceable unit programmable read-only memory (FRU PROM) configurations conflict with the HA mode.

#### Corrective Action

Boot into Maintenance mode and run the 'ha-config modify' command to set the controller and chassis configuration to stand-alone or HA, as appropriate. Setting the wrong configuration might lead to data loss. If you need assistance, contact NetApp technical support.

#### Syslog Message

Cannot determine whether the configuration should be stand-alone or HA. Chassis is in %s configuration, controller is in %s configuration, and the HA mode is %s.

#### Parameters

**cha\_config** (STRING): Chassis FRU PROM HA configuration string.  
**cont\_config** (STRING): Controller FRU PROM HA configuration string.  
**mode** (STRING): HA mode string.

## haosc.config.unknown.nv

### Severity

ALERT

### Description

This message occurs when the chassis and controller field-replaceable unit programmable read-only memories (FRU PROMs) have factory default configurations and the nonvolatile memory is dirty.

### Corrective Action

Boot into Maintenance mode and run the 'ha-config modify' command to set the controller and chassis configuration to stand-alone or HA, as appropriate. Setting the wrong configuration might lead to data loss. If you need assistance, contact NetApp technical support.

### Syslog Message

Cannot determine whether configuration should be stand-alone or HA. Chassis is in %s configuration, controller is in %s configuration, and the nonvolatile memory is dirty.

### Parameters

**cha\_config** (STRING): Chassis FRU PROM HA configuration string.  
**cont\_config** (STRING): Controller FRU PROM HA configuration string.

## haosc.fru events

### haosc.fru.op.failed

#### Severity

ALERT

#### Description

This message occurs when the chassis or controller field-replaceable unit programmable read-only memory (FRU PROM) read/write fails.

#### Corrective Action

Replace the system chassis or controller, and contact NetApp technical support for assistance.

#### Syslog Message

%s FRU PROM %s operation failed.

#### Parameters

**fru** (STRING): Chassis/controller string.  
**op** (STRING): Read/write operation string.

## haosc.invalid events

### haosc.invalid.config

#### Severity

EMERGENCY

## Description

This message occurs when the chassis or controller field-replaceable unit programmable read-only memory (FRU PROM) returns an invalid configuration.

## Corrective Action

Boot into Maintenance mode and run the 'ha-config modify' command to set the controller and chassis configuration to stand-alone or HA, as appropriate. Setting the wrong configuration might lead to data loss. If you need assistance, contact NetApp technical support.

## Syslog Message

%s FRU PROM returns an invalid configuration.

## Parameters

fru (STRING): Chassis/controller string.

# haosc.sa events

## haosc.sa.config

### Severity

ERROR

### Description

This message occurs when nonvolatile memory on a stand-alone system is configured for a high-availability system. Only half of the available nonvolatile memory will be used and system performance will be affected.

### Corrective Action

Reboot the system to use all of the nonvolatile memory.

### Syslog Message

Only half of the available nonvolatile memory is in use. This will affect system performance.

### Parameters

(None).

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