



# **boot events**

## ONTAP EMS reference

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# Table of Contents

boot events .....	1
boot.bootmenu events .....	1
boot.bootmenu.issue .....	1
boot.shutdown events .....	1
boot.shutdown.issue .....	1
boot.varfs events .....	1
boot.varfs.backup.issue .....	1
boot.varfs.backup.success .....	2
boot.varfs.repair.partial .....	2
boot.varfs.repair.success .....	2
boot.varfs.restore.issue .....	3
boot.varfs.restore.success .....	3
boot.verify events .....	4
boot.verify.kmods.disabled .....	4
boot.verify.kmods.success .....	4

# boot events

## boot.bootmenu events

### boot.bootmenu.issue

#### Severity

EMERGENCY

#### Description

This message occurs when an error is detected while booting into, or using, the system boot menu.

#### Corrective Action

Retry the boot. If the problem persists, contact NetApp technical support for assistance in replacing the boot device media.

#### Syslog Message

Failed to boot the system. Error: %s

#### Parameters

`err_str` (STRING): Error string.

## boot.shutdown events

### boot.shutdown.issue

#### Severity

ALERT

#### Description

This message occurs when an error is detected while shutting down the system.

#### Corrective Action

Contact NetApp technical support.

#### Syslog Message

Failed to shutdown the system. Error: %s

#### Parameters

`err_str` (STRING): Error string.

## boot.varfs events

### boot.varfs.backup.issue

#### Severity

EMERGENCY

## Description

This message occurs when an error is detected while trying to back up the /var file system to the boot media or node root volume (mroot).

## Corrective Action

Contact NetApp technical support.

## Syslog Message

Backup of the /var file system failed (%s)

## Parameters

**err\_str** (STRING): Error string.

## **boot.varfs.backup.success**

### Severity

NOTICE

## Description

This message occurs when a subsequent backup is successful following a failure.

## Corrective Action

(None).

## Syslog Message

Backup of the /var file system is successful after previous failures.

## Parameters

(None).

## **boot.varfs.repair.partial**

### Severity

ERROR

## Description

This message occurs when the system is unable to restore all missing files detected by a scan of the /var file system during boot.

## Corrective Action

Contact NetApp technical support.

## Syslog Message

Unable to restore all missing files in /var file system.

## Parameters

(None).

## **boot.varfs.repair.success**

**Severity**

NOTICE

**Description**

This message occurs when missing files are restored during a scan of the /var file system during boot.

**Corrective Action**

(None).

**Syslog Message**

All missing files in /var are restored.

**Parameters**

(None).

**boot.varfs.restore.issue****Severity**

ALERT

**Description**

This message occurs when an error is detected while restoring the /var file system from a shutdown.

**Corrective Action**

The file system is automatically restored from the boot media. If the problem persists, contact NetApp technical support.

**Syslog Message**

Failed to restore the /var file system. Error: %s

**Parameters**

**err\_str** (STRING): Error string.

**boot.varfs.restore.success****Severity**

NOTICE

**Description**

This message occurs when, following a failure, a subsequent restore of the /var file system is successful.

**Corrective Action**

(None).

**Syslog Message**

Successfully restored the /var file system.

**Parameters**

(None).

## **boot.verify events**

### **boot.verify.kmods.disabled**

#### **Severity**

ALERT

#### **Description**

This message occurs when the verification of digitally signed kernel modules has been disabled.

#### **Corrective Action**

Contact NetApp technical support immediately.

#### **Syslog Message**

The verification of digitally signed kernel modules has been disabled.

#### **Parameters**

(None).

### **boot.verify.kmods.success**

#### **Severity**

NOTICE

#### **Description**

This message occurs when the verification of digitally signed kernel modules succeeds.

#### **Corrective Action**

(None).

#### **Syslog Message**

The verification of digitally signed kernel modules has completed.

#### **Parameters**

(None).

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