



## **boot events**

### **ONTAP 9.12.1 EMS reference**

NetApp  
December 14, 2022

# Table of Contents

- boot events ..... 1
  - boot.bootmenu events ..... 1
  - boot.shutdown events ..... 1
  - boot.varfs events ..... 1
  - boot.verify events ..... 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).

## Copyright information

Copyright © 2022 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

## Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.