



## **no events**

### **ONTAP 9.13.1 EMS reference**

NetApp  
February 12, 2024

# Table of Contents

no events .....	1
no.halt events .....	1

# no events

## no.halt events

### no.halt.brokenDisk

#### Severity

ALERT

#### Description

This message occurs when the option `raid.timeout` is set to 0 or if the option hasn't been set by the user, disabling automatic shutdown on a disk failure.

#### Corrective Action

Add an appropriate spare disk.

#### Syslog Message

%s in RAID group "%s" %s broken. Automatic system shutdown has been disabled.

#### Parameters

**type** (STRING): Type of disk.

**rname** (STRING): RAID group name.

**verb** (STRING): Failed disk verb.

### no.halt.brokenDisk.notice

#### Severity

NOTICE

#### Description

This message occurs when a node is in a degraded state because of a broken disk, but the option `raid.timeout` is set to 0 or its value hasn't been modified by the user, disabling automatic shutdown on a disk failure. Shutdown is to encourage you to replace broken disks. This message occurs on a capacity-optimized platform with broken disks irrespective of the value of the option `raid.timeout`.

#### Corrective Action

Consult other logged messages or use the `"storage disk show -broken"` command to determine the identity of broken disks. Remove any broken disks. Automatic system shutdown can be enabled by altering the `"raid.timeout"` value using the `"storage raid-options modify"` command. NOTE: The option `"raid.timeout"` will not affect the automatic shutdown on a capacity-optimized platform.

#### Syslog Message

%s. automatic system shutdown is disabled. Replace the disk immediately.

#### Parameters

**type** (STRING): Type of degradation.

### no.halt.nvramLowBatt.info

**Severity**

ALERT

**Description**

This message occurs when the option `raid.timeout` has been set to 0, disabling automatic shutdown on a low NVRAM Battery condition.

**Corrective Action**

Replace the NVRAM battery. Automatic system shutdown can be enabled by altering the "`raid.timeout`" value using the "`storage raid-options modify`" command.

**Syslog Message**

Automatic system shutdown is disabled. If the NVRAM battery is dangerously low, replace it immediately.

**Parameters**

(None).

**no.halt.nvramLowBatteries****Severity**

ALERT

**Description**

This message occurs when the option `raid.timeout` is set to 0, disabling automatic shutdown on a low NVRAM Batteries condition.

**Corrective Action**

Replace the NVRAM batteries.

**Syslog Message**

NVRAM batteries are dangerously low. Automatic system shutdown is disabled. Replace the batteries immediately!

**Parameters**

(None).

**no.halt.nvramLowBattery****Severity**

ALERT

**Description**

This message occurs when the option `raid.timeout` is set to 0, disabling automatic shutdown on a low NVRAM Battery condition.

**Corrective Action**

Replace the NVRAM battery.

**Syslog Message**

NVRAM battery is dangerously low. Automatic system shutdown is disabled. Replace the battery immediately!

**Parameters**

(None).

**no.halt.nvramLowBatts.info****Severity**

NOTICE

**Description**

This message occurs when the option `raid.timeout` has been set to 0, disabling automatic shutdown on a low NVRAM Batteries condition.

**Corrective Action**

Replace the NVRAM batteries. Automatic system shutdown can be enabled by altering the "`raid.timeout`" value using the "`storage raid-options modify`" command.

**Syslog Message**

Automatic system shutdown is disabled. If the NVRAM batteries are dangerously low, we encourage you to replace it immediately.

**Parameters**

(None).

## Copyright information

Copyright © 2024 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.