



# **cmd events**

## ONTAP EMS reference

NetApp  
November 20, 2025

# Table of Contents

cmd events . . . . .	1
cmd.result events . . . . .	1
cmd.result.reboot . . . . .	1
cmd.sasadmin events . . . . .	1
cmd.sasadmin.fw_update.fail . . . . .	1
cmd.shelfchk events . . . . .	1
cmd.shelfchk.config.OK . . . . .	1
cmd.shelfchk.config.warning . . . . .	2
cmd.start events . . . . .	2
cmd.start.unsuccessful . . . . .	2

# cmd events

## cmd.result events

### cmd.result.reboot

#### Severity

NOTICE

#### Description

This message occurs when the system reboots as a consequence of executing the specified command.

#### Corrective Action

(None).

#### Syslog Message

System rebooted for ('%s').

#### Parameters

cmd (STRING): Command for which the system rebooted.

# cmd.sasadmin events

## cmd.sasadmin.fw\_update.fail

#### Severity

ERROR

#### Description

This message occurs when an adapter firmware update failure occurs.

#### Corrective Action

Verify that the firmware file is valid and try updating the firmware again. If the firmware update still fails, contact NetApp technical support.

#### Syslog Message

Adapter firmware update failed for adapter: %s.

#### Parameters

adapterName (STRING): Name of the associated SAS host bus adapter.

# cmd.shelfchk events

## cmd.shelfchk.config.OK

#### Severity

INFORMATIONAL

## Description

This event is generated while verifying disk shelf cabling and configuration. The operator indicates that the correct disk LEDs have illuminated.

## Corrective Action

(None).

## Syslog Message

Disk Configuration - No Errors Identified.

## Parameters

(None).

## cmd.shelfchk.config.warning

### Severity

ERROR

## Description

This event is generated while verifying disk shelf cabling and configuration on a channel. The operator has indicated that the intended set of disk LEDs is not illuminated.

## Corrective Action

Verify that the adapters and storage shelves are cabled correctly.

## Syslog Message

Disk Configuration - Failure Identified by Operator.

## Parameters

(None).

## cmd.start events

### cmd.start.unsuccessful

#### Severity

ERROR

## Description

This message occurs when the Counter Manager daemon (cmd) fails to start. The failure impacts the continuous archiving of performance data, which is used by technical support to troubleshoot system issues.

## Corrective Action

The startup failure might be due to improper permissions for the '/mroot/etc/log' directory, or a full disk. Verify that the permissions of the '/mroot/etc/log' directory are 'rwxr-xr-x' by executing the 'fsecurity show /vol/vol0/etc/log' command from the nodeshell. Verify that the '/mroot' file system is not full. After fixing the cause of the failure, restart the cmd by running the 'spmctl -e -h cmd' command from the freebsd shell.

**Syslog Message**

The cmd startup failed.

**Parameters**

(None).

## Copyright information

Copyright © 2025 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—with 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.