



ctl events

ONTAP EMS reference

NetApp
November 20, 2025

Table of Contents

- ctl events 1
 - ctlctlbe events 1
 - ctlctlbe.IOInternalError 1
 - ctlctlbe.lunCreationFailed 1
 - ctlctlbe.lunError 1
 - ctlctlbe.lunNotConfigured 2
 - ctl.session events 2
 - ctl.session.stateChanged 2

ctl events

ctl.ctlbe events

ctl.ctlbe.IOInternalError

Severity

ERROR

Description

IO failure due to internal error

Corrective Action

The command failure associated with the device specified in this event is caused by some internal error.

Syslog Message

Device Serial Number %s - Internal error reason: %s - SCSI error : %s

Parameters

devSerial (STRING): Device Serial Number

reason (STRING): Internal error

scsiError (STRING): SCSI error code

ctl.ctlbe.lunCreationFailed

Severity

ERROR

Description

LUN creation failed in the CAM target layer.

Corrective Action

The creation of a CAM target end point for the LUN failed. This will cause the disk or partition to not be exported to the DR cluster, and therefore cannot be used for storage mirroring.

Syslog Message

LUN %d - endpoint creation failed, reason: %s

Parameters

lunId (INT): The LUN ID

errorString (STRING): Description of the error

ctl.ctlbe.lunError

Severity

ERROR

Description

The LUN has been deleted or is not configured properly

Corrective Action

The command failure associated with the device specified in this event is caused by the device being not configured or in error state. The device may be in the process of being deleted or the path to this device may not be accessible. Check the state of the device.

Syslog Message

Device Serial Number %s - Device is not configured or in error state - SCSI error : %s - LUN flags : 0x%x

Parameters

devSerial (STRING): Device Serial Number

scsiError (STRING): SCSI error code

lunFlags (INT): Internal CTL Backend LUN flags

ctl.ctlbe.lunNotConfigured

Severity

ERROR

Description

The LUN is not configured

Corrective Action

The command failure associated with the device specified in this event is caused by the device not being configured. Check the state of the device.

Syslog Message

Device Serial Number %s - Device is not configured - SCSI error : %s

Parameters

devSerial (STRING): Device Serial Number

scsiError (STRING): SCSI error code

ctl.session events

ctl.session.stateChanged

Severity

NOTICE

Description

This message occurs when iSCSI CAM target layer session status is changed.

Corrective Action

If the identified iSCSI CAM target layer session is experiencing unexpected events (disconnecting, reconnecting, or connected), examine the link for excessive errors or latency.

Syslog Message

iSCSI CAM target layer's session state is changed to %s for the initiator %s (address: %s). %s

Parameters

ctl_session_state (STRING): New iSCSI CAM target layer session state.

ctl_initiator (STRING): iSCSI CAM target layer initiator's name.

ctl_initiator_address (STRING): iSCSI CAM target layer initiator's address.

ctl_session_state_change_reason (STRING): Reason for the iSCSI CAM target layer session state change.

ctl_timeout_value (INT): iSCSI CAM target layer timeout value.

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—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.