



bcomd events

ONTAP 9.13.1 EMS reference

NetApp
February 12, 2024

Table of Contents

- bcomd events 1
 - bcomd.fcnavmelifadded events 1
 - bcomd.fcnavmelifmovefail events 1
 - bcomd.fcnavmelifremoved events 2
 - bcomd.fcplifadded events 2
 - bcomd.fcplifremoved events 2
 - bcomd.igroup events 3
 - bcomd.lun events 3
 - bcomd.vdisk events 4
 - bcomd.volume events 5

bcomd events

bcomd.fcNvmelifadded events

bcomd.fcNvmeLifAdded

Severity

NOTICE

Description

This message occurs when an FC NVMe (Nonvolatile Memory Express) logical interface (LIF) is added.

Corrective Action

(None).

Syslog Message

LIF %s (on Vserver %s), WWPN %s, was added to node %s, port %s.

Parameters

lifname (STRING): Name of the LIF that was added.
vserver (STRING): Name of the Vserver on which the LIF resides.
wwpn (STRING): WWPN that was added.
node (STRING): Name of the node on which the LIF is hosted.
port (STRING): Name of the port on which the LIF is hosted.

bcomd.fcNvmelifmovefail events

bcomd.fcNvmeLifMoveFail

Severity

EMERGENCY

Description

This message occurs when a LIF move failed and the recovery action to restore the LIF has also failed. Namespaces are no longer accessible through this LIF. The LIF must be recovered manually.

Corrective Action

Contact NetApp technical support.

Syslog Message

Moving FC-NVMe LIF %s of vserver %s from %s:%s to %s:%s failed. Manual recovery required.

Parameters

lif_name (STRING): LIF name.
vserver_uuid (STRING): Vserver Uuid.
src_node (STRING): LIF was moving from this node.
src_port (STRING): LIF was moving from this port.
dest_node (STRING): LIF was moving to this node.
dest_port (STRING): LIF was moving to this port.

bcomd.fcNvmelifremoved events

bcomd.fcNvmeLifRemoved

Severity

NOTICE

Description

This message occurs when an FC NVMe (Nonvolatile Memory Express) logical interface (LIF) is removed.

Corrective Action

(None).

Syslog Message

LIF %s (on Vserver %s), WWPN %s, was removed from node %s, port %s.

Parameters

lifname (STRING): Name of the LIF that was removed.

vserver (STRING): Name of the Vserver on which the LIF resided.

wwpn (STRING): WWPN that was removed.

node (STRING): Name of the node on which the LIF had been hosted.

port (STRING): Name of the port on which the LIF had been hosted.

bcomd.fcplifadded events

bcomd.fcpLifAdded

Severity

NOTICE

Description

This message occurs when a Fibre Channel logical interface (LIF) is added.

Corrective Action

(None).

Syslog Message

LIF %s (on Vserver %s), WWPN %s, was added to node %s, port %s.

Parameters

lifname (STRING): Name of the LIF that was added.

vserver (STRING): Name of the Vserver on which the LIF resides.

wwpn (STRING): WWPN that was added.

node (STRING): Name of the node on which the LIF is hosted.

port (STRING): Name of the port on which the LIF is hosted.

bcomd.fcplifremoved events

bcomd.fcpLifRemoved

Severity

NOTICE

Description

This message occurs when a Fibre Channel logical interface (LIF) is removed.

Corrective Action

(None).

Syslog Message

LIF %s (on Vserver %s), WWPN %s, was removed from node %s, port %s.

Parameters

lifname (STRING): Name of the LIF that was removed.

vserver (STRING): Name of the Vserver on which the LIF resided.

wwpn (STRING): WWPN that was removed.

node (STRING): Name of the node on which the LIF had been hosted.

port (STRING): Name of the port on which the LIF had been hosted.

bcomd.igroup events

bcomd.igroup.auto.delete.fail

Severity

ERROR

Description

This message occurs when an initiator group marked with the delete-on-unmap flag is not automatically deleted when it is no longer part of a LUN mapping relationship.

Corrective Action

Use the "lun igroup delete" command to delete the initiator group manually.

Syslog Message

Failed to delete initiator group %s on Vserver %s: %s

Parameters

igroup (STRING): Name of the initiator group.

vserver (STRING): Name of the Vserver.

error (STRING): The error encountered when deleting the initiator group.

bcomd.lun events

bcomd.lun.update.lost

Severity

ERROR

Description

This message occurs when the SAN Kernel Agent is unable to process a LUN metadata update resulting from a Snapshot® copy restore operation or other LUN event.

Corrective Action

Resolve the error and then reload the indicated Vserver with the command "debug san vsver reload".

Syslog Message

A metadata change notification for a LUN in VServer %s on volume %llu has been lost due to error: %s

Parameters

vserver (STRING): Name of the Vserver.

volume (LONGINT): MSID of the volume.

error (STRING): Error preventing the update from being processed.

bcomd.vdisk events

bcomd.vdisk.repl.failed

Severity

ERROR

Description

This message occurs after a replication failure of a LUN or an NVMe namespace configuration in a MetroCluster™ configuration.

Corrective Action

Use the "metrocluster vsver resync" command to resynchronize the Vserver configuration for the affected Vserver.

Syslog Message

Replication of a LUN or an NVMe namespace configuration failed on Vserver "%s". Reason: %s.

Parameters

vserver (STRING): Name of the Vserver.

error (STRING): Error encountered while replicating the configuration.

bcomd.vdisk.transition

Severity

NOTICE

Description

This message occurs when a user attempts to convert a LUN into an NVMe namespace or vice-versa.

Corrective Action

(None).

Syslog Message

Conversion for "%s", Vserver "%s" to type "%s" completed with status "%s".

Parameters

source_vdisk_path (STRING): Path to the LUN or NVMe namespace to be converted.
vserver (STRING): Name of the Vserver.
destination_vdisk_type (STRING): Destination vdisk type after conversion.
status (STRING): Status of conversion operation.

bcomd.volume events

bcomd.volume.update.lost

Severity

ERROR

Description

This message occurs when the SAN Kernel Agent is unable to process a volume LUN inventory update resulting from a Snapshot® copy restore operation.

Corrective Action

Resolve the error and then delete stale maps in the volume with the command "lun mapping delete-stale".

Syslog Message

A volume LUN inventory change notification for Vserver %s volume %llu has been lost due to error: %s

Parameters

vserver (STRING): Name of the Vserver.
volume (LONGINT): MSID of the volume.
error (STRING): Error preventing the update from being processed.

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.