



nvmens events

ONTAP EMS reference

NetApp
November 22, 2024

Table of Contents

- nvmens events 1
- nvmens.512blksz events 1
- nvmens.destroy events 1
- nvmens.offline events 2
- nvmens.online events 2
- nvmens.out events 2
- nvmens.repl events 3
- nvmens.smbc events 3

nvmens events

nvmens.512blksz events

NVMeNS.512blksz.repl.unsupp

Severity

ERROR

Description

This message occurs when replication of a volume containing NVMe namespaces that use 512-byte block sizes fails because the destination does not support NVMe namespaces with this block size.

Corrective Action

Replicate volumes containing NVMe namespaces with 512-byte block sizes only to destinations that support namespaces that use this block size.

Syslog Message

Logical replication failed for volume %s (DSID %llu): No 512-byte block size NVMe namespace support on the destination.

Parameters

volume_name (STRING): Name of the source volume.

volume_dsid (LONGINT): Data set ID (DSID) of the source volume.

nvmens.destroy events

NVMeNS.destroy

Severity

NOTICE

Description

This message occurs when an NVMe namespace has been destroyed.

Corrective Action

(None).

Syslog Message

NVMe namespace %s, vol %s (DSID %llu) was destroyed (UUID: %s).

Parameters

NVMeNS_path (STRING): Path for the NVMe namespace that was destroyed.

volume_name (STRING): Name of the containing volume.

volume_dsid (LONGINT): Data set ID (DSID) of the containing volume.

object_uuid (STRING): UUID of the NVMe namespace.

object_type (STRING): Type of object under notification.

nvmens.offline events

NVMeNS.offline

Severity

NOTICE

Description

This message occurs when an NVMe namespace has been brought offline manually.

Corrective Action

(None).

Syslog Message

NVMe namespace %s, vol %s (DSID %llu) was brought offline (UUID: %s).

Parameters

path (STRING): Path for the NVMe namespace that has been brought offline.

volume_name (STRING): Name of the containing volume.

volume_dsid (LONGINT): Data set ID (DSID) of the containing volume.

object_uuid (STRING): UUID of the NVMe namespace.

object_type (STRING): Type of object under notification.

nvmens.online events

NVMeNS.online

Severity

NOTICE

Description

This message occurs when an NVMe namespace is brought online manually.

Corrective Action

(None).

Syslog Message

NVMe namespace %s, vol %s (DSID %llu) was brought online (UUID: %s).

Parameters

path (STRING): Path for the NVMe namespace that was brought online.

volume_name (STRING): Name of the containing volume.

volume_dsid (LONGINT): Data set ID (DSID) of the containing volume.

object_uuid (STRING): UUID of the NVMe namespace.

object_type (STRING): Type of object under notification.

nvmens.out events

NVMeNS.out.of.space

Severity

EMERGENCY

Description

This message occurs when an NVMe namespace has been brought offline because of a write failure due to lack of space.

Corrective Action

Add space to the volume, and then bring the NVMe namespace online using the "vserver nvme namespace modify" command.

Syslog Message

NVMe namespace %s, vol %s (DSID %llu) is out of space (UUID: %s).

Parameters

path (STRING): Path for the NVMe namespace that has been brought offline.

volume_name (STRING): Name of the containing volume.

volume_dsid (LONGINT): Data set ID (DSID) of the containing volume.

object_uuid (STRING): UUID of the NVMe namespace.

object_type (STRING): Type of object under notification.

nvmens.repl events

NVMeNS.repl.unsupp.ver

Severity

ERROR

Description

This message occurs when replication of a volume containing NVMe namespaces has failed because the destination does not support NVMe namespaces.

Corrective Action

Replicate volumes with NVMe namespaces only to destinations that support NVMe namespaces.

Syslog Message

Logical replication failed for volume %s (DSID %llu): No NVMe namespace support on the destination.

Parameters

volume_name (STRING): Name of the source volume.

volume_dsid (LONGINT): Data set ID (DSID) of the source volume.

nvmens.smbc events

NVMeNS.SMBC.vol.unsupp

Severity

ERROR

Description

This message occurs when an NVMe namespace is partially restored to a SnapMirror® active sync volume because the SnapMirror® active sync volume does not support NVMe namespace.

Corrective Action

Restore of NVMe namespace to the SnapMirror® active sync volume is not supported although it is partially created on the SnapMirror® active sync volume as part of restore. The NVMe namespace needs to be manually deleted. Contact NetApp technical support for assistance.

Syslog Message

NVMe namespace "%s" is not supported on SnapMirror® active sync volume "%s" (DSID %llu).

Parameters

path (STRING): Path for the NVMe namespace that has been restored.

volume_name (STRING): Name of the containing volume.

volume_dsids (LONGINT): Dataset ID (DSID) of the containing volume.

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.