



cr events

ONTAP 9.12.1 EMS reference

NetApp
December 14, 2022

Table of Contents

- cr events 1
- cr.data events 1
- cr.del events 1
- cr.fix events 3
- cr.rdb events 6
- cr.redir events 7
- cr.snapshot events 7
- cr.sync events 8

cr events

cr.data events

CR.Data.File.Inaccessible

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when the namespace scanner skips an inode for which it cannot access the data file. This might be due to the data volume being offline.

Corrective Action

Bring the data volume back online using the "volume online" command. If the problem persists, retry the scan operation.

Syslog Message

The redirector file [%s] on namespace volume [%s] will be skipped by "Volume Check" because the corresponding data file on data volume [%s] in Vserver [%s] is not accessible.

Parameters

redirPath (STRING): Path of the redirector file that will be skipped.

nsVol (STRING): Name of the constituent namespace volume that hosts the redirector file.

dataVol (STRING): Name of the constituent data volume that hosts the data file.

vserver (STRING): Vserver hosting the constituent volumes.

cr.del events

CR.Del.CrptStreamData.Fail

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when an attempt to delete corrupt stream data fails.

Corrective Action

(None).

Syslog Message

Deletion failed for corrupt stream data [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): Stream path.

volume (STRING): Name of the constituent volume where the stream resides.

vserver (STRING): Vserver hosting the volume.

CR.Del.CrptStreamRedir.Fail

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when an attempt to delete corrupt stream redirector failed.

Corrective Action

(None).

Syslog Message

Deletion failed for corrupt stream redirector [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): Stream path.

volume (STRING): Name of the constituent volume where the stream resides.

vserver (STRING): Vserver hosting the volume.

CR.Del.DangStreamData.Fail

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when an attempt to delete dangling stream data fails. This stream was created when there was a failure in cleaning up stream data on the data constituent, which left dangling data that is unnecessarily consuming resources.

Corrective Action

(None).

Syslog Message

Deletion failed for dangling stream data [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): Stream path.

volume (STRING): Name of the constituent volume where the stream data resides.

vserver (STRING): Vserver hosting the volume.

CR.Del.DangStreamRedir.Fail

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when an attempt to delete dangling stream redirector failed.

Corrective Action

(None).

Syslog Message

Deletion failed for dangling stream redirector [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): Stream path.

volume (STRING): Name of the constituent volume where the redirector resides.

vserver (STRING): Vserver hosting the volume.

cr.fix events

CR.Fix.Corrupt.Redir.Failed

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when corrective action for corrupt redirector file failed.

Corrective Action

(None).

Syslog Message

Corrective action failed for corrupt redirector of data file [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): File path.

volume (STRING): Name of the constituent volume where the data file resides.

vserver (STRING): Vserver hosting the volume.

CR.Fix.Crpt.Data.Dir.Failed

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

INFORMATIONAL

Description

This message occurs when the corrective action for a corrupt data directory fails. These entries were created when they were moved to the [lost+found] folder by wafllron, on the data constituents.

Corrective Action

(None).

Syslog Message

Corrective action failed for corrupt data directory [%s] on volume [%s].

Parameters

path (STRING): Directory path.

volume (STRING): Name of the constituent volume where the directory resides.

vserver (STRING): Vserver hosting the volume.

CR.Fix.Crpt.Data.File.Failed**Deprecated**

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when the corrective action for a corrupt data file fails.

Corrective Action

(None).

Syslog Message

Corrective action failed for corrupt data file [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): File path.

volume (STRING): Name of the constituent volume where the file resides.

vserver (STRING): Vserver hosting the volume.

CR.Fix.CrptStreamRedir.Fail**Deprecated**

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when the fix for corrupt stream redirector fails.

Corrective Action

(None).

Syslog Message

Corrective action failed for corrupt stream redirector of stream data [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): Stream path.

volume (STRING): Name of the constituent volume where the stream redirector resides.

vserver (STRING): Vserver hosting the volume.

CR.Fix.Dang.Data.File.Failed**Deprecated**

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when the corrective action for a dangling data file fails. This file was created when there was a failure in cleaning up a file on the data constituent, which left a dangling file that is unnecessarily consuming resources.

Corrective Action

(None).

Syslog Message

Corrective action failed for dangling data file [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): File path.

volume (STRING): Name of the constituent volume where the file resides.

vserver (STRING): Vserver hosting the volume.

CR.Fix.Nlinks.Failed**Deprecated**

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when the corrective action for an Nlinks (number of hardlinks on the file) mismatch fails.

Corrective Action

(None).

Syslog Message

Corrective action failed for Nlinks mismatch on file [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): File path.

volume (STRING): Name of the constituent volume where the file resides.

vserver (STRING): Vserver hosting the volume.

cr.rdb events

CR.RDB.Counters.Not.Updated

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

INFORMATIONAL

Description

This message occurs when the RDB (replicated database) cannot be updated with the inode counters for a particular scan.

Corrective Action

(None).

Syslog Message

The inode counters [percentage scan complete: %d], [estimated time remaining: %s], [number of issues detected: %d] and [number of issues fixed: %d] could not be updated in the RDB due to [error: %s] for [volume: %s] in [Vserver: %s].

Parameters

percentComplete (INT): Percentage of the inodes scanned.

estimatedTime (STRING): Estimated time remaining for the scan to finish.

issuesDetected (INT): Number of issues detected by the scan so far.

issuesFixed (INT): Number of issues fixed by the scan so far.

reason (STRING): Reason for the failed update.

volume (STRING): Name of the constituent volume for which the RDB could not be updated.

vserver (STRING): Vserver hosting the volume.

CR.RDB.State.Not.Updated

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when the RDB (replicated database) cannot be updated with the final state of the scan, that is, success/failure.

Corrective Action

Run the 'volume check stop' command on the respective volume.

Syslog Message

The final state [%s] of the 'volume check' scan could not be updated in the RDB due to [error: %s] for volume [%s] in Vserver [%s].

Parameters

state (STRING): Final state of the scan that has to be updated.

reason (STRING): Reason for the failed update.

volume (STRING): Name of the constituent volume for which the RDB could not be updated.

vserver (STRING): Vserver hosting the volume.

cr.redir events

CR.Redir.File.Inaccessible

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when the data scanner skips an inode for which it cannot access the redirector file. This might be due to the namespace volume being offline.

Corrective Action

Bring the namespace volume back online using the "volume online" command. If the problem persists, retry the scan operation.

Syslog Message

The data file [%s] on data volume [%s] will be skipped by "Volume Check" because the corresponding redirector file on namespace volume [%s] on Vserver [%s] is not accessible.

Parameters

dataFilePath (STRING): Path of the data file that will get skipped.

dataVol (STRING): Name of the constituent data volume that hosts the data file.

nsVol (STRING): Name of the constituent namespace volume that hosts the redirector file.

vserver (STRING): Vserver hosting the constituent volumes.

cr.snapshot events

CR.Snapshot.Not.Deleted

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when a temporary Snapshot(tm) copy created by the 'volume check' command could not be deleted.

Corrective Action

Delete the Snapshot copy by using the following command from "diag" mode: volume snapshot delete -vserver <vserver> -volume <volume> -snapshot <snapshot-name> -ignore-owners

Syslog Message

The temporary Snapshot copy [%s] created by the 'volume check' command for volume [%s] in Vserver [%s] could not be deleted [error: %s].

Parameters

snapshot (STRING): Name of the Snapshot copy.

volume (STRING): Name of the constituent volume for which the Snapshot copy could not be deleted.

vserver (STRING): Vserver hosting the volume.

reason (STRING): Reason for the failure.

cr.sync events

CR.Sync.ACL.Fail

Deprecated

Deprecated as of Data ONTAP 9.6 because Infinite Volumes no longer exist.

Severity

NOTICE

Description

This message occurs when an attempt to synchronize the ACL from data to redirector fails.

Corrective Action

(None).

Syslog Message

ACL synchronizing failed for file [%s] on volume [%s] in Vserver [%s].

Parameters

path (STRING): Stream path.

volume (STRING): Name of the constituent volume where the file resides.

vserver (STRING): Vserver hosting the volume.

Copyright information

Copyright © 2022 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.