



## **cr events**

### **ONTAP EMS reference**

NetApp  
November 18, 2025

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# 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 wafliron, 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.

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