



Verify storage health before revert

ONTAP 9

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Before and after you revert, or downgrade a cluster, you should verify the status of your disks, aggregates, and volumes.

1. Verify disk status:

To check for...	Do this...
Broken disks	<p>a. Display any broken disks: <code>storage disk show -state broken</code></p> <p>b. Remove or replace any broken disks.</p>
Disks undergoing maintenance or reconstruction	<p>a. Display any disks in maintenance, pending, or reconstructing states: <code>`storage disk show -state maintenance</code></p>
pending	<p>reconstructing` .. Wait for the maintenance or reconstruction operation to finish before proceeding.</p> <p>+</p>

2. Verify that all aggregates are online by displaying the state of physical and logical storage, including storage aggregates: `storage aggregate show -state !online`

This command displays the aggregates that are *not* online. All aggregates must be online before and after performing a major reversion.

```
cluster1::> storage aggregate show -state !online
There are no entries matching your query.
```

3. Verify that all volumes are online by displaying any volumes that are *not* online: `volume show -state !online`

All volumes must be online before and after performing a major reversion.

```
cluster1::> volume show -state !online
There are no entries matching your query.
```

4. Verify that there are no inconsistent volumes: `volume show -is-inconsistent true`

If any inconsistent volumes are returned, you must contact NetApp Support before you precede.

Related information

[Disk and aggregate management](#)

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