



CVO HA Degraded: “NVRAM log not synchronized” and takeover disabled on node

https://kb.netapp.com/Cloud/ncds/nds/cvo/cvo_kbs/CVO_HA_Degraded%3A_NVRAM_log_not_synchr...

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Applies to

- Cloud Volumes ONTAP (CVO)
- Microsoft Azure

Issue

- CVO HA cluster is reported with degraded status in NetApp Console.
- Takeover from node cvocluster-01 was not possible due to unsynchronized NVRAM logs.
- The following output was observed when running `storage failover show` command:

```
cvocluster::> storage failover show
Takeover
```

Node	Partner	Possible State Description	
cvocluster-01	cvocluster-02	false	Connected to cvocluster-02, Takeover is not possible: NVRAM log not synchronized
cvocluster-02	cvocluster-01	true	Connected to cvocluster-01

- Check on the HA interconnect config/status shows that the

```
cvocluster::*> storage failover show -fields interconnect-links ,interconnect-up, interconnect-type
```

node	interconnect-up	interconnect-links	interconnect-type
cvocluster-01	true	RDMA Interconnect is up	iWARP
cvocluster-02	true	RDMA Interconnect is up	iWARP

```
cvocluster::*> system ha interconnect status show
```

```
Node: cvocluster-01
```

```
Link Status: up
```

```
IC RDMA Connection: up
```

```
Node: cvocluster-02
```

```
Link Status: up
```

```
IC RDMA Connection: up
```

```
2 entries were displayed.
```

```
cvocluster::*> system ha interconnect config show
```

```
Node: cvocluster-01
```

```
Interconnect Type: iWARP
```

```
Connection Initiator: partner
```

```
Interface: external
```

```
Port    IP Address
```

```
----    -
```

```
e0c    10.0.4.21
```

```
Node: cvocluster-02
```

```
Interconnect Type: iWARP
```

```
Connection Initiator: local
```

```
Interface: external
```