



## What is the logging behavior for cluster peer unavailable and available state transitions?

[https://kb.netapp.com/on-prem/ontap/Ontap\\_OS/OS-KBs/What\\_is\\_the\\_logging\\_behavior\\_for\\_cluster\\_p...](https://kb.netapp.com/on-prem/ontap/Ontap_OS/OS-KBs/What_is_the_logging_behavior_for_cluster_p...)

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### Applies to

- ONTAP 9
- Cluster peering environment
- SnapMirror replication

### Answer

When the `cpeer.unavailable` alert is triggered in ONTAP, the following logging behavior applies:

- **Unavailable State Logging:**
  - An EMS message is generated when a remote cluster transitions from available to unavailable:

- `cpeer.unavailable:ALERT]: Peer cluster <cluster_name> is no longer available`

- **Available State Logging:**

- No EMS message is generated when the remote cluster returns to available state
- The transition to available is implicit between each `cpeer.unavailable` message

- **Recovery Time Identification:**

- There is no explicit log entry recording the recovery timestamp
- No configuration option exists to enable additional logging for recovery events
- Recovery time cannot be directly determined from ONTAP logs

- **Recommended Verification Commands:**

- After a `cpeer.unavailable` alert, verify cluster peer and object store health using:

```
::> cluster peer show
```

```
::> system health status show
```

```
::> snapmirror show-history
```

```
::> storage aggregate object-store show
```

**Note:** When Availability displays as available in the output, the object store is accessible and functioning normally.

## Additional Information

[Cluster peer show - IP address unhealthy: Networking issues](#)