Display network port information (cluster administrators only)

ONTAP System Manager

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You can display information about a specific port, or about all ports on all nodes in the cluster.

About this task

The following information is displayed:

- Node name
- Port name
- IPspace name
- Broadcast domain name
- Link status (up or down)
- MTU setting
- Port speed setting and operational status (1 gigabit or 10 gigabits per second)
- Auto-negotiation setting (true or false)
- Duplex mode and operational status (half or full)
- The port's interface group, if applicable
- The port's VLAN tag information, if applicable
- The port's health status (health or degraded)
- Reasons for a port being marked as degraded

If data for a field is not available (for example, the operational duplex and speed for an inactive port would not be available), the field value is listed as `-`.

Step

Display network port information by using the `network port show` command.

You can display detailed information for each port by specifying the `-instance` parameter, or get specific information by specifying field names using the `-fields` parameter.

```
network port show
Node: node1
                                                                        Ignore
                                                  Speed(Mbps) Health    Health
Port      IPspace      Broadcast Domain Link MTU  Admin/Oper  Status    Status
--------- ------------ ---------------- ---- ---- ----------- --------- ------
e0a       Cluster      Cluster          up   9000  auto/1000  healthy   false
e0b       Cluster      Cluster          up   9000  auto/1000  healthy   false
e0c       Default      Default          up   1500  auto/1000  degraded  false
e0d       Default      Default          up   1500  auto/1000  degraded  true
Node: node2
                                                                        Ignore
                                                  Speed(Mbps) Health    Health
Port      IPspace      Broadcast Domain Link MTU  Admin/Oper  Status    Status
--------- ------------ ---------------- ---- ---- ----------- --------- ------
e0a       Cluster      Cluster          up   9000  auto/1000  healthy   false
e0b       Cluster      Cluster          up   9000  auto/1000  healthy   false
e0c       Default      Default          up   1500  auto/1000  healthy   false
e0d       Default      Default          up   1500  auto/1000  healthy   false
8 entries were displayed.
```

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