



# **Display network port information (cluster administrators only)**

**ONTAP 9**

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April 27, 2021

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# Display network port information (cluster administrators only)

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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