



CXone Mpower EXPERT

一个集群端口已关闭

https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/Cluster_port_down_in_a_Switchless_c...

Updated: Wed, 22 Apr 2026 09:00:28 GMT

适用场景

- ONTAP 9
- AF/FAS系统
- 无交换机配置集群

问题描述

- 一个集群端口关闭：

```
::> network port show
```

```
Node: A
```

| Port | IPspace | Broadcast Domain | Link | MTU | Speed (Mbps) | Health |
|------|---------|------------------|------|-----|--------------|--------|
| | | | | | Admin/Oper | Status |

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```

e0a      Cluster      Cluster      up   9000  auto/10000 healthy
e0b      Cluster      Cluster      down 9000  auto/-      -
...

```

Node: B

```

                                     Speed(Mbps) Health
Port      IPspace      Broadcast Domain Link MTU  Admin/Oper  Status
-----
e0a      Cluster      Cluster      up   9000  auto/10000 healthy
e0b      Cluster      Cluster      down 9000  1000/-      -
...

```

28 entries were displayed.

- EMS日志会频繁显示端口链路关闭或闪烁：

```

<LR d="11Mar2023 16:54:11" n="A" t="1234567890" id="1543945678/1234012" p="6"
s="Ok" o="mgmt_port_link_status_poll" vf="" type="0" seq="1234567">
<netif_linkDown_1
  lanType="Ethernet"
  ifName="e0b"
  status="down, check cable"/>
</LR>

```

```

<LR d="11Mar2023 16:54:14" n="A" t="1234567897" id="1543945679/1234017" p="5"
s="Ok" o="vifmgr" vf="" type="1" seq="1235678">
<vifmgr_portdown_1
  nodename="A"
  portname="e0b"/>
</LR>

```

或

```

Wed Nov 15 18:20:39 +0900 [Node01: kernel: netif.linkDown:debug]: Ethernet e0b:
Link down, check cable.
Wed Nov 15 18:20:39 +0900 [Node01: vifmgr: vifmgr.portdown:debug]: A link down
event was received on node Node01, port e0b.
Wed Nov 15 18:20:39 +0900 [Node01: vifmgr: vifmgr.clus.linkdown:debug]: The
cluster port e0b on node Node01 has gone down unexpectedly.
Wed Nov 15 18:20:39 +0900 [Node01: vifmgr: vifmgr.lifmoved.linkdown:debug]: LIF
Node01_clus2 (on virtual server 4294967293), IP address 169.xx.xx.xxx, is being
moved to node Node01, port e0a.
Wed Nov 15 18:20:39 +0900 [Node01: vifmgr: vifmgr.lifsuccessfullymoved:debug]:

```

LIF Node01_clus2 (on virtual server 4294967293), IP address 169.xx.xx.xxx, is now hosted on node Node01, port e0a.

Wed Nov 15 18:20:41 +0900 [Node01: kernel: netif.linkUp:debug]: Ethernet e0b: Link up.

Wed Nov 15 18:20:41 +0900 [Node01: vifmgr: vifmgr.portup:debug]: A link up event was received on node Node01, port e0b.

Wed Nov 15 18:20:44 +0900 [Node01: vifmgr: vifmgr.port.monitor.failed:debug]: The "link_flapping" health check for port e0b (node Node01) has failed. The port is operating in a degraded state.

...

Wed Nov 15 18:25:34 +0900 [Node01: kernel: netif.linkDown:debug]: Ethernet e0b: Link down, check cable.

Wed Nov 15 18:25:34 +0900 [Node01: vifmgr: vifmgr.portdown:debug]: A link down event was received on node Node01, port e0b.

- 一个集群端口e0b显示 auto-unknown-fd-down 状态。

```
::> system node run -node * -command sysconfig -a
```

```
e0b MAC Address:    00:aa:11:22:33:66 (auto-unknown-fd-down)
SFP Vendor:        AAAA
SFP Part Number:  BBBBBBBBB-BBB
SFP Serial Number: CCCCCC
```