



CXone Mpower EXPERT

"接收器信号平均光功率"低

https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/%22Receiver_signal_average_optical_...

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适用场景

- AFF8080
- ONTAP 9

问题描述

- Receiver signal average optical power 被下面的开关命令指示为低电平。

```
comadmin@switch1> show interfaces descriptions | match 0/0/15
xe-0/0/15    up    down nodel_e0e
{master:0}
comadmin@switch1> show interfaces diagnostics optics xe-0/0/15 | match dBm
Laser output power          : 0.5870 mW / -2.31 dBm
Receiver signal average optical power : 0.0001 mW / -40.00 dBm

comadmin@switch2> show interfaces descriptions | match 0/0/15
xe-0/0/15    up    down nodel_e0f
```

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```
{master:1}
comadmin@switch2> show interfaces diagnostics optics xe-0/0/15 | match dBm
Laser output power          : 0.6040 mW / -2.19 dBm
Receiver signal average optical power : 0.0001 mW / -40.00 dBm
```

- 上述端口在中已关闭 IFGRPS.XML

```
Node          node2 node2
Interface Group Name  a0a  a0b
Up Ports       e0g  e0h
Down Ports     e0e  e0f
```

- 上述端口已在中启动 SYSCONFIG-A

```
slot 0: 1G/10G Ethernet Controller CNA EP 8324
(Multiple Dual-port, QLogic CNA 8324(8362) rev. 2)
e0h MAC Address: 02:a0:98:b4:87:1f (auto-10g_sr-fd-up)
e0g MAC Address: 02:a0:98:b4:87:20 (auto-10g_sr-fd-up)
e0f MAC Address: 02:a0:98:b4:87:1f (auto-10g_sr-fd-up)
e0e MAC Address: 02:a0:98:b4:87:20 (auto-10g_sr-fd-up)
Device Type:      EP8324N
Firmware Version: 5.4.66.0
```

- 系统上可能会显示以下消息

```
[?] Fri Oct 04 08:14:37 +0000 [node1: kernel: netif.init.failed:alert]:
Initialization of network interface e0e failed due to unexpected software error
ql:244.
[?] Fri Oct 04 08:15:38 +0000 [node1: intr:
net.ifgrp.lacp.link.inactive:error]: ifgrp a0a, port e0e has transitioned to an
inactive state. The interface group is in a degraded state.
[?] Fri Oct 04 08:15:41 +0000 [node1: intr:
net.ifgrp.lacp.link.inactive:error]: ifgrp a0b, port e0f has transitioned to an
inactive state. The interface group is in a degraded state.
```