



CXone Mpower EXPERT

由于TX功率较高、ISL关闭

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

Updated: Wed, 22 Apr 2026 08:25:40 GMT

适用场景

- ONTAP 9
- N9K-933966

问题描述

- 在Auto支持 中显示HA组通知(运行状况监控进程cshd : ClusterIfslDownWarn_Alert)/Ethernet1/35]警报
- 较高的SFP电源统计信息会导致ISL链路关闭

```
Eth1/35      1      eth  trunk  down  Link not connected  auto(D) 1
Eth1/36      1      eth  trunk  up    none                100G(D) 1
```

Switch#1

Lane Number:1 Network Lane

SFP Detail Diagnostics Information (internal calibration)

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	Current	Alarms		Warnings	
	Measurement	High	Low	High	Low
Temperature	32.33 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.27 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	8.40 mA	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	-0.83 dBm	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	N/A	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm
Transmit Fault Count = 0					

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning

Lane Number:2 Network Lane

SFP Detail Diagnostics Information (internal calibration)

	Current	Alarms		Warnings	
	Measurement	High	Low	High	Low
Temperature	32.33 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.27 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	8.40 mA	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	-0.83 dBm	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	N/A	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm
Transmit Fault Count = 0					

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning

Lane Number:3 Network Lane

SFP Detail Diagnostics Information (internal calibration)

	Current	Alarms		Warnings	
	Measurement	High	Low	High	Low
Temperature	32.33 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.27 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	8.33 mA	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	-0.87 dBm	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	N/A	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm
Transmit Fault Count = 0					

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning

Lane Number:4 Network Lane

SFP Detail Diagnostics Information (internal calibration)

	Current	Alarms		Warnings	
	Measurement	High	Low	High	Low
Temperature	32.33 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.27 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	8.40 mA	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	-0.83 dBm	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	N/A	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm
Transmit Fault Count = 0					

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning

Switch#2

Lane Number:1 Network Lane

SFP Detail Diagnostics Information (internal calibration)

Current Measurement	Alarms		Warnings		
	High	Low	High	Low	
Temperature	31.99 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.30 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	131.07 mA ++	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	8.16 dBm ++	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	-1.15 dBm	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm
Transmit Fault Count = 0					

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning

Lane Number:2 Network Lane

SFP Detail Diagnostics Information (internal calibration)

Current Measurement	Alarms		Warnings		
	High	Low	High	Low	

Temperature	31.99 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.30 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	131.07 mA ++	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	8.16 dBm ++	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	8.16 dBm ++	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm

Transmit Fault Count = 0

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning

Lane Number:3 Network Lane

SFP Detail Diagnostics Information (internal calibration)

Current Measurement	Alarms		Warnings		
	High	Low	High	Low	
Temperature	31.99 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.30 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	131.07 mA ++	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	8.16 dBm ++	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	8.16 dBm ++	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm

Transmit Fault Count = 0

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning

Lane Number:4 Network Lane

SFP Detail Diagnostics Information (internal calibration)

Current Measurement	Alarms		Warnings		
	High	Low	High	Low	
Temperature	31.99 C	75.00 C	-5.00 C	70.00 C	0.00 C
Voltage	3.30 V	3.63 V	2.97 V	3.46 V	3.13 V
Current	131.07 mA ++	13.00 mA	3.00 mA	11.00 mA	5.00 mA
Tx Power	8.16 dBm ++	4.99 dBm	-10.00 dBm	2.99 dBm	-8.01 dBm
Rx Power	8.16 dBm ++	3.39 dBm	-14.08 dBm	2.39 dBm	-11.02 dBm

Transmit Fault Count = 0

Note: ++ high-alarm; + high-warning; -- low-alarm; - low-warning