



除一个端口外的多个端口上的 CRC

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

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适用于

ONTAP 9

问题描述

• 在多个端口的 IFSTAT -A 中看到的 CRC 错误:

-- interface e4b (1 day, 10 hours, 2 minutes, 12 seconds) --

RECEIVE

Total frames: 130k | Frames/second: 1 | Total bytes: 14931k Bytes/second: 122 | Total errors: 122 | Errors/minute: 0 Total discards: 0 | Discards/minute: 0 | Multi/broadcast: 50163

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```
Non-primary u/c:
                  0 | CRC errors:
                                       122 | Runt frames:
Fragment:
                  0 | Long frames:
                                          0 | Jabber:
                                                                 0
Length errors:
                  3 | No buffer:
                                          0 | Xon:
                                                                 0
Xoff:
                                                                 0
                  0 | Pause:
                                          0 | Jumbo:
Noproto:
                 0 | Error symbol:
                                        0 | Illegal symbol:
                                                                 0
```

• 多个端口的 EMS 消息:

vifmgr.cluscheck.hwerrors:alert]: Port e3b on node-4 is reporting a high number (at least 1 per 1000 packets) of observed hardware errors (CRC, length, alignment, dropped) vifmgr.cluscheck. hwerrors:alert]: Port e4b on node-3 is reporting a high number (at least 1 per 1000 packets) of observed hardware errors (CRC, length, alignment, dropped) vifmgr.cluscheck.hwerrors:alert]: Port e3b on node-3 is reporting a high number (at least 1 per 1000 packets) of observed hardware errors (CRC, length, alignment, dropped)

- 所有端口都连接到同一对交换机。
- 无交换机配置问题。
- 一个端口没有 CRC 错误:
- -- interface e4b (1 day, 10 hours, 2 minutes, 43 seconds) --

RECEIVE

Total frames:	130k		Frames/second:	1	Total bytes:	14931k
Bytes/second:	122		Total errors:	0	Errors/minute:	0
Total discards:	0		Discards/minute:	0	Multi/broadcast:	50175
Non-primary u/c:	0		CRC errors:	O	Runt frames:	0
Fragment:	0		Long frames:	0	Jabber:	0
Length errors:	0		No buffer:	0	Xon:	0
Xoff:	0		Pause:	0	Jumbo:	0
Noproto:	0	1	Error symbol:	0	Illegal symbol:	0

• 交换机端口连接显示 Rx 错误,所有其他交换机端口均报告无错误:

RX 6047670413 unicast packets 1753545 multicast packets 1168987 broadcast packets 6050606416 input packets 3702165555876 bytes 0 jumbo packets 0 storm suppression packets 45 runts 0 giants 13383 CRC 0 no buffer 13438 input error 0 short frame 0 overrun 0 underrun 0 ignored