



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

Non-primary u/c:	0		CRC errors:	122		Runt frames:	0
Fragment:	0		Long frames:	0		Jabber:	0
Length errors:	3		No buffer:	0		Xon:	0
Xoff:	0		Pause:	0		Jumbo:	0
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:	0		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		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 runs 0 giants
13383 CRC 0 no buffer 13438 input error 0 short frame 0 overrun 0 underrun 0 ignored
```