



EMS 日志报告 "netif.uncorEccError"

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

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适用场景

- ONTAP 9

问题描述

- EMS日志报告网络接口出现不可恢复的ECC错误：

```
EMERGENCY netif.uncorEccError: Unrecoverable ECC error on network interface e0c.
```

- `sysconfig -a` 显示网络接口为 未使用的端口：

```
插槽0：1/10千兆位以太网控制器IX4-T  
e0c MAC地址：00：a0：98：f4：3f  
：4c (auto-未知-fd-down) e0d MAC地址：00：a0：98：f4：3f：4d (auto-未知-fd-down)
```

- `ifstat -a` 不显示任何错误计数：

```
-- interface e0c (555 days, 12 hours, 6 minutes, 45 seconds) --  
  
RECEIVE  
Total frames:      0 | Frames/second:    0 | Total bytes:      0  
Bytes/second:     0 | Total errors:      0 | Errors/minute:    0  
Total discards:   0 | Discards/minute:  0 | Multi/broadcast:  0  
Non-primary u/c:  0 | CRC errors:        0 | Runt frames:      0  
Fragment:         0 | Long frames:       0 | Jabber:           0  
No buffer:        0 | Xon:               0 | Xoff:             0  
Pause:           0 | Jumbo:             0 | Noproto:         0  
Error symbol:     0 | Illegal symbol:    0 | Bus overruns:    0  
Queue drops:     0 | LRO segments:      0 | LRO bytes:       0  
LRO6 segments:   0 | LRO6 bytes:        0 | Bad UDP cksum:   0  
Bad UDP6 cksum:  0 | Bad TCP cksum:     0 | Bad TCP6 cksum:  0  
Mcast v6 solicit: 0
```

- `dmesg` 日志显示以下消息：

```
[15891540] Jan 04 08:21:50 [node-02:netif.uncorEccError:EMERGENCY]:  
Unrecoverable ECC error on network interface e0d.  
[15891554] e0d: ixgbe_ioctl: Port encountered ECC error. Reboot node to recover
```