



VMware ESXi 主机已断开 FC 连接并缺少路径

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

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适用场景

- ONTAP
- VMware ESXi

问题描述

- 所有SAN启动程序均报告已部分连接
- 在System Manager中、双节点HA对中每个节点的单个FC端口的吞吐量为0 MB/秒
- 在光纤通道环境中，EMS日志中显示的所有存储节点上都有数百个主机登录（主机登录）（PLOGI）
- VMware 主机出现断开连接，所有路径均已关闭（APD），永久设备丢失（PDL）的情况
- 所有连接问题均通过网络结构注册状态更改通知（RSCN）进行处理
- 系统稳定后、一个存储目标HBA端口的路径缺失/出现故障

VMware 日志示例：

```
esxcfg-mpath -b
```

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```
vmhba2:C0:T6:L1 LUN:1 state:dead fc Adapter: Unavailable Target: Unavailable
vmhba2:C0:T3:L1 LUN:1 state:dead fc Adapter: Unavailable Target: Unavailable
```

```
less /var/run/log/vmkernel.log
```

```
lpfc_els_rcv_rscn:5945: 0:(0):0214 RSCN received Data:
```

```
lpfc_els_rcv_rscn:5955: 0:(0):5973 RSCN received event x0 : Address format x03 : DID
x000000
```

```
lpfc_handle_status:5079: 0:(0):3271: FCP cmd x8a failed <1/6> sid , did , oxid x7a
iotag x417 Invalid RPI Host Retry
```

```
NMP: nmp_ThrottleLogForDevice:3861: Cmd 0x8a (,) to dev "naa.xyz" on path
"vmhba1:C0:Tx:L1" Failed:
```

NetApp :

```
bcomd: san.initiator.login.missing:notice]: Initiator "xyx" is not logged in to any
LIFs on this node for Vserver "svml23", portset "". Access to LUNs might be
disrupted if a failover occurs.
```