



StorageGRID SG6160 报告存储设备存储连接已降级

https://kb-cn.netapp.com/hybrid/StorageGRID/Alerts/StorageGRID_SG6160_reports_Storage_applianc...

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适用于

- NetApp StorageGRID
- NetApp E-Series/SANtricity 操作系统
- SG6100/E4000

问题

- SG6100 使用存储互连端口 100 GbE，连接到 4x25GbE iSCSI 分支电缆。
- StorageGRID Grid Manager 报告以下警报：

```
Storage appliance storage connectivity degraded
There is a problem with one or more connections between the compute
controller and storage controller.
```

- **SANtricity System Manager > Hardware > Show Back of Shelf > Controller > Show Settings > Host Ports** 显示端口 DOWN。
- 在 **ASUP > storage-array-profile > controllers** 报告中，受影响端口的链接状态显示为已断开：

```
Host interface: iSCSI
Host Interface Card(HIC): Baseboard
Channel: 2
Port: e0b
Link status: Disconnected
```

- 在 **ASUP > state-capture-data.txt > ionShow99 > chall 0** 报告中未连接到受影响的端口：

```
Executing ionShow(99,0,0,0,0,0,0,0,0,0) on controller B:
-> chall 0
```

```
chAll (Tick 0131460364) ==> 12/11/24-12:51:16
4000-B 08.81.00.02
```

```
.....Channels.....:.....Target.....:.....Initiator.....
          Link :ITN :.....IOs.....:ITN
:.....IOs.....:.....Busy.....Idle.
  Ch H/D STP Down :cnt : Open  Completed  Errs :cnt : Qd  Open  Completed
Errs:           Ms           Ms
-----
0 Drv SAS      0 : 1 : 0           124      0 : 62 : 0           0
915  0:         153616           0
  1 Drv SAS      0 : 1 : 0           125      0 : 62 : 0           0
922  0:         728           152888 -< 2 Hst iSC 0 : 0 : 0
0  0 : 0 : 0           0           0           0           153617 -< 3
Hst iSC 0 : 0 : 0           0           0 : 0 : 0           0
0:           0           153617
  4 Drv iSA      0 : 0 : 0           0           0 : 1 : 0           0
0  0:           0           153617
```

- 在 `ASUP > ISCSI-SESSION-CONNECTIONS` 中也可能报告缺少会话/连接：

Sessions/Connections to Controller A:

192.XXX1.21 -> 192.XXX1.01

192.XXX1.21 -> 192.XXX1.01

192.XXX0.21 -> 192.XXX0.01

192.XXX0.21 -> 192.XXX0.01

Sessions/Connections to Controller B:

192.XXX0.22 -> 192.XXX0.02

192.XXX0.22 -> 192.XXX0.02

192.XXX0.22 -> 192.XXX0.02