



# CXone Mpower EXPERT

## 由于一个 SAS 连接丢失，系统显示单路径 HA

[https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/System\\_shows\\_Single-Path\\_HA\\_due\\_...](https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/System_shows_Single-Path_HA_due_...)

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### 适用场景

- FAS2650
- FAS2720
- FAS8000

### 问题描述

- 0B 端口脱机，SAS 连接处于的单路径 HA 状态 SYSCONFIG-A

```
System Storage Configuration: Single-Path HA
```

```
slot 0: SAS Host Adapter 0b (PMC-Sierra PM8070 rev. C, SAS, <OFFLINE (hard)>)
```

```
Firmware rev:          03.08.09.00
```

```
Base WWN:              Base_WWN
```

```
Phy State:             [4] Enabled, Rate unknown
```

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[5] Enabled, Rate unknown  
[6] Enabled, Rate unknown  
[7] Enabled, Rate unknown

- 中的控制器 B 显示为严重 STORAGE-FAULT

Vendor Unique Element 83-IOM12E: (SAS)

Element	Status	Status Bytes	Status Descriptions
1	[IOM12E A] : OK	01,08,00,20	MASTER, RESERVED
2	[IOM12E B] : CRITICAL	02,80,00,E1	ADDITIONAL STATUS AVAILABLE, REFERENCE CLOCK FAULT, RESERVED, EXCEPTION DATA VALID, RESERVED