



Brocade 开关显示电源有故障

https://kb-cn-stage.netapp.com/on-prem/Switches/Broadcom-KBs/Brocade_switch_shows_Power_Sup...

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适用场景

Brocade 交换机

问题描述

- 交换机PSU上显示琥珀色指示灯或没有链路指示灯
- 请检查`chassisshow`
- `sensorshow` 将PSU2报告为“**FABHE故障**”，将风扇2报告为“未知”。

```
sensorshow      :
sensor 1: (Temperature) is Ok, value is 39 C
sensor 2: (Fan 1 ) is Ok,speed is 6617 RPM
sensor 3: (Fan 2 ) is Unknown
sensor 4: (Power Supply) is Ok
sensor 5: (Power Supply) is Faulty
```

- psshow 报告电源2出现故障：

psshow :

Power Supply #1 is OK

Power Supply #2 is faulty

- fanshow 将风扇 2报告为未知：

fanshow :

Fan 1 is Ok, speed is 6617 RPM

Fan 2 is Unknown

- 根据errdump，可以看到PS1、PS2和Fan2都出现故障：

2023/06/21-14:13:39, [EM-1034], 88278, CHASSIS, ERROR, **Brocade, PS 2 set to faulty, rc=2000e.**

2023/06/21-14:13:41, [FW-1010], 88279, FID 128, WARNING, Brocade, Env Power Supply 2, is below low boundary(High=0, Low=1). Current value is 0 (1 OK/0 FAULTY).

2023/06/21-14:13:41, [FW-1424], 88280, FID 128, WARNING, Brocade, Switch status changed from HEALTHY to MARGINAL.

2023/06/21-14:13:41, [FW-1427], 88281, FID 128, WARNING, **Brocade, Switch status change contributing factor Power supply: 1 bad.**

2023/06/21-14:13:56, [EM-1034], 88293, CHASSIS, ERROR, **Brocade, PS 1 set to faulty, rc=2000e.**

2023/06/21-14:14:00, [FW-1010], 88294, FID 128, WARNING, Brocade, Env Power Supply 1, is below low boundary(High=0, Low=1). Current value is 0 (1 OK/0 FAULTY).

2023/06/21-14:14:00, [FW-1424], 88295, FID 128, WARNING, Brocade, Switch status changed from HEALTHY to MARGINAL.

2023/06/21-14:14:00, [FW-1427], 88296, FID 128, WARNING, Brocade, Switch status change contributing factor Power supply: 1 bad.

2023/06/21-14:14:00, [EM-1037], 88298, CHASSIS, INFO, **Brocade, PS 1 is no longer faulted.**

2023/06/21-14:23:40, [HIL-1610], 88315, CHASSIS, WARNING, Brocade, Fan/PS unit 2 not supplying power, fan speeds may not be available. Please ensure that the unit has power and the switch is on.

2023/06/21-14:23:44, [FW-1431], 88316, FID 2, WARNING, Brocade, Switch status change contributing factor Fan: 1 bad.

2023/06/21-14:23:46, [FW-1431], 88317, FID 128, WARNING, **Brocade, Switch status change contributing factor Fan: 1 bad**

• 在更换交换机PSU之前、请按照以下步骤进一步排除站点上的任何潜在电源问题、例如电源插座、电缆等：

1. 检查电源线是否连接正确。
2. 尝试换用已知良好的电源线。
3. 重新拔插交换机的电源线和PSU。
4. 确保外部电源正常运行。

注：对于**Brocade 6510**交换机、风扇集成在电源设备中

发生原因

电源故障