



PSU报告DC故障、AC故障、熄灭

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

Updated: Wed, 22 Apr 2026 08:49:08 GMT

适用于

- AFF和FAS系统
- ONTAP 9
- 电源设备(PSU)

问题

- EMS 报告以下错误消息。

```
[Node-A: statd: monitor.shelf.fault:alert]: Critical fault reported on disk storage shelf attached to channel 0a. Check fans, power supplies, disks, and temperature sensors.
```

```
[Node-A: statd: callhome.shlf.fault:error]: Call home for SHELF_FAULT
```

```
[Node-A: dsa_worker4: ses.status.psError:alert]: DS212-12 (S/N SHFNCXXXXXXXXXX) shelf 0 on channel 0b power error for Power supply 2: critical status; AC
```

Fail. This module is on the rear of the shelf at the bottom right.
[Node-A: dsa_worker4: callhome.shlf.power.intr:error]: Call home for SHELF
POWER INTERRUPTED

或

[Node-A: dsa_worker2: ses.status.psWarning:error]: DS212-12 (S/N
XXXXXXXXXXXXXXXXXX) shelf 2 on channel 0a power warning for Power supply 2:
warning status; DC undervoltage. This module is on the rear of the shelf at the
bottom right.

[Node-A: dsa_worker2: callhome.shlf.ps.fault:error]: Call home for SHELF POWER
SUPPLY WARNING

- storage show fault显示 PSU 是CRITICAL。

Power Supplies:

Element	Status	Status Bytes	Status Descriptions
1:	CRITICAL	02,00,00,F1	DC FAIL, OFF, RQSTED ON, FAIL
2:	OK	01,00,00,20	RQSTED ON

或

Element	Status	Status Bytes	Status Descriptions
1:	CRITICAL	02,00,00,F3	DC FAIL, AC FAIL, OFF, RQSTED ON, FAIL
2:	OK	01,00,00,20	RQSTED ON

Fans:

Element	Status	Status Bytes	Status Descriptions
1:	CRITICAL	02,00,00,F0	OFF, FAIL
2:	CRITICAL	02,00,00,F0	OFF, FAIL
3:	OK	01,01,2C,21	
4:	OK	01,01,29,21	

Enclosure:

Element	Status	Status Bytes	Status Descriptions
1:	OK	01,00,02,00	FAIL

Voltage Sensors:

Element	Status	Status Bytes	Status Descriptions
1:	UNRECOVERABLE	04,00,00,00	
2:	UNRECOVERABLE	04,00,00,00	
3:	OK	01,00,01,FB	

4: OK

01,00,04,C6

- 受影响的PSU指示灯呈琥珀色亮起。