



CPU 和 DDR 失败

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

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适用场景

FAS9000

问题描述

- 中显示了CPU和DDR故障 SP-LATEST-IPMI

示例：

```
SP-LATEST-IPMI
=====
hsamcmd --fault-show-all
=====
tag origin fld fault reason count time
-----
1 0x5 /chassis-1/controller-b Failed reading sensor: 11 1 Wed Jan 27 06:16:38
2021
2 0x5 /chassis-1/controller-b Failed reading sensor: 12 1 Wed Jan 27 06:16:38
2021
```

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```

3 0x5 /chassis-1/controller-b Failed reading sensor: 13 1 Wed Jan 27 06:16:38
2021
4 0x5 /chassis-1/controller-b Failed reading sensor: 14 1 Wed Jan 27 06:16:38
2021
5 0x5 /chassis-1/controller-b Failed reading sensor: 15 1 Wed Jan 27 06:16:38
2021
6 0x5 /chassis-1/controller-b Failed reading sensor: 16 1 Wed Jan 27 06:16:38
2021
7 0x5 /chassis-1/controller-b Failed reading sensor: 17 1 Wed Jan 27 06:16:38
2021

```

```

CPU1 PVCCP failed -- mV 1580 mV 1670 mV 1920 mV 2010 mV
DDR4 PVDDQ EF failed -- mV 1050 mV 1110 mV 1280 mV 1340 mV
DDR4 PVDDQ GH failed -- mV 1050 mV 1110 mV 1280 mV 1340 mV
DDR4 PVPP EF failed -- mV 2300 mV 2440 mV 2800 mV 2940 mV
DDR4 PVPP GH failed -- mV 2300 mV 2440 mV 2800 mV 2940 mV
DDR4 PVTT EF failed -- mV 520 mV 550 mV 640 mV 670 mV
DDR4 PVTT GH failed -- mV 520 mV 550 mV 640 mV 670 mV

```

- SP日志中也会显示CPU和DDR故障。

示例：

```
SP NODE-02> sp status -d
```

```
Fault Lights On:
```

```
/chassis-1 7
```

```
/chassis-1/controller-b 7
```

```
environ -show_all
```

```
=====
```

```

Sensor Name State Current Critical Warning Warning Critical
Reading Low Low High High
-----

```

```

CPU1 PVCCP failed -- mV 1580 mV 1670 mV 1920 mV 2010 mV
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```