



CHS-778 : NVDIMMBadithAlert原因：在配备NVDIMM的系统上出现固件错误

<https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-Issues/CHW-778>

Updated: Wed, 22 Apr 2026 07:31:24 GMT

问题描述

AFF A800、AFF A320、AFF A400、FAS8300或FAS8700存储系统

EMS :

```
Sun Jun 06 17:17:15 -0700 [NetApp1: nphmd: hm.alert.raised:alert]: Alert Id =
NVDIMMBadHealthAlert , Alerting Resource = /dev/nvdim0:NetApp1 raised by monitor
controller
```

环境状态命令显示[NVDIMM0运行状况不良]:>>system node run -node本地环境状态传感器名称状态

当前 严重警告严重
 读数 低 高高高高高低

NVDIMM0运行状况		不良				
PVCCIN CPU0	正常	1773	mV 9	mV 19	mV 2459	mV 2469

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AutoSupport部分：NVDIMM状态

Total NVDIMM on this platform is 2

DIMM(/dev/nvdim0) Page:0

DIMM(/dev/nvdim0):

Controller Ready: Yes

Controller Busy: No

Energy Policy managed by: HOST

Save_N Low During CSAVE: Yes

Save_N Enabled(ARMED): Yes

Data on the Flash: NotValidModule is Health: No

Module Status(0x0040): NVDIMM FIRMWARE error

Flash Lifetime: 94%

Flash Lifetime Status: Normal

示例运行状况警报：> system Health aAlert

show

Node: node02

Alert ID: NVDIMMBadHealthAlert

Resource: /dev/nvdim0

Severity: Major

Indication Time: Tue Dec 03 02:15:51 2024

Suppress: false

Acknowledge: false

Probable Cause: NVDIMM "NVDIMM-N 0 (DIMM-11)" on node "node02" is indicating a degraded status.

Reason: NVDIMM FIRMWARE error.

Possible Effect: Potential data loss as the NVDIMM becomes degraded.

Corrective Actions: Contact technical support for assistance with NVDIMM module replacement.