



CHW-3228 : AFF A70、A90、FAS70 或 FAS90 : 新安装期间未发现 NVRAM 模块

<https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-Issues/CHW-3228>

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问题

- 节点启动期间的 ALERT 报告。示例：

```
Starting netapp_loadnvram - 01:33:39
KTLS: Initialized 128 threads
Command info failed.
Ending netapp_loadnvram - 01:33:39
WARNING: Unable to get sysid!
```

```
...
[localhost:nv.flash.unable.to.monitor:ALERT]Unable to monitor NVRAM device
"NVRAM12".
...
[nvram.hw.initfail:CRITICAL]: NVRAM hardware initialization failed: Failed to read
SSD configuration.
```

或

```
[nvram.hw.initFail:CRITICAL]: NVRAM hardware initialization failed: Failed to read
```

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SSD smart log.

- 帶有警報的 ONTAP 事件 (EMS) 消息。示例：

```
[node_name: env_mgr: nv.flash.predict.fail:alert]: NVRAM destage failure predicted  
for device: NVRAM12.
```