



SP 因过时错误 SPAutoUpgradeFailedMajorAlert 而降级

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

Updated: Wed, 22 Apr 2026 04:07:55 GMT

适用于

- ONTAP 9
- [服务处理器 \(SP\)](#)
- [基板管理控制器 \(BMC\)](#)

问题描述

- SP 自动升级失败，节点报告：

```
[node1: nphmd: hm.alert.raised:alert]: Alert Id = SPAutoUpgradeFailedMajorAlert  
, Alerting Resource = SP Upgrade raised by monitor controller
```

- SP 子系统状态：

```
cluster1::> system health subsystem show  
Subsystem      Health  
-----
```

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```
SAS-connect    ok
Environment    ok
Memory         ok
Service-Processor degraded
```

- 节点上的 SP 固件升级成功
- 通过 SSH 访问 SP 正常工作