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## H610s - BMC 自检失败

[https://kb-cn-stage.netapp.com/on-prem/SolidFire/Element\\_OS\\_Kbs/H610S\\_-\\_BMC\\_Self\\_Test\\_failed](https://kb-cn-stage.netapp.com/on-prem/SolidFire/Element_OS_Kbs/H610S_-_BMC_Self_Test_failed)  
Updated: Wed, 22 Apr 2026 04:02:28 GMT

### 适用场景

NetApp H610S

### 问题描述

- 在某些情况下、您将收到永久性集群故障：

BMC Self Test failed. This may impact IPMI based services and a BIOS/BMC update may be recommended.

- 可以在上查看以下条目 [sf-master.info](#)

```
2021-11-22T00:14:03.084577Z hci-stg-06 master-1[26236]: [EXPERR-4] [Util] 28031 GlobalPool-0
serviceshared/lpmiComponentMonitor.cpp:272:CheckHealth|BMC Self Test failed. Postponing Fault.
mBmcSelfTestFailureCount=1 cNumFailedSelfTestsForFault=10 2021-11-23T13:24:28.274373Z hci-stg-06
master-1[26236]: [EXPERR-4] [Util] 28027 GlobalPool-0 serviceshared/lpmiComponentMonitor.
cpp:272:CheckHealth|BMC Self Test failed. Postponing Fault. mBmcSelfTestFailureCount=1
cNumFailedSelfTestsForFault=10 2021-12-16T15:25:16.921931Z hci-stg-06 master-1[57297]: [EXPERR-4] [Util]
```

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```
55937 GlobalPool-0 serviceshared/lpmlComponentMonitor.cpp:272:CheckHealth|BMC Self Test failed.
Postponing Fault. mBmcSelfTestFailureCount=1 cNumFailedSelfTestsForFault=10 2021-12-16T21:18:54.
078117Z hci-stg-06 master-1[57297]: [EXPERR-4] [Util] 55937 GlobalPool-0 serviceshared/
lpmlComponentMonitor.cpp:272:CheckHealth|BMC Self Test failed. Postponing Fault.
mBmcSelfTestFailureCount=1 cNumFailedSelfTestsForFault=10
```

- 除了“BMC Self Test Failed”（BMC 自检失败）集群故障之外、还可能存在以下任何或所有情况：
  - 无法访问 BMC Web GUI
  - 节点脱机事件：
    - `The SolidFire Application cannot communicate with node ID <#>`
    - `Node Offline nodeID=<#>`
  - 无法 ping 或 SSH 到 BMC IP 地址
  - 与风扇、电源和系统传感器相关的持久集群故障。 示例
    - `Fan1A RPM is failed or missing.`
    - `Error checking sensor for Fan1B RPM`
    - `Error checking sensor for Inlet Temp`
    - `Error checking sensor for Exhaust Temp`
  - `ipmitool` 命令失败并出现以下错误：
    - `Could not open device at /dev/ipmi0 or /dev/ipmi/0 or /dev/ipmidev/0: No such file or directory`
    - `Get SEL Info command failed: Invalid command`
    - `Error sending Chassis Status command: Invalid command`
    - `Get Channel Info command failed: Invalid command`