



添加磁盘架后持久出现false SinglePathToDiskShelf_Alert

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

Updated: Wed, 22 Apr 2026 13:03:31 GMT

适用场景

- 存储架扩展
- 正确的SAS布线
- 多路径中的HA对

问题描述

- SinglePathToDiskShelf警报示例：

```
::> system health alert show
Node: node_name
Resource: Shelf 1.1
Severity: Major
Indication Time: Wed May 11 21:14:22 2022
Suppress: false
Acknowledge: false
Probable Cause: Controller node_name has only a single-path configuration to
```

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disk shelf 1.1. This might occur when the controller does not have dual-path configuration to stack 1, a SAS HBA port on the controller connected to the disk shelf is disabled, or shelf-to-shelf cabling is incorrect.

Possible Effect: Access to disk shelf 1.1 via controller node_name might be lost with a failure of controller 0a port, a single shelf-to-shelf cable or a single disk shelf IOM.

Corrective Actions: 1. Consult the guide applicable to your IOM12 disk shelf to review cabling rules and complete the SAS cabling worksheet for your system.
2. Connect controller node_name to the first and last disk shelf of stack 1 using active SAS HBA ports.
3. Verify that controller node_name is cabled to IOM A at one end and IOM B at another end of stack 1.
4. If disk shelf 1.1 is located between two disk shelves within stack 2, verify that IOM A and IOM B are properly cabled to their independent domains.
5. Contact technical support if the alert persists.

- 临时EMS警报消息：

```
Tue May 17 20:08:01 +0200 [node_name: mgwd: callhome.hm.alert.major:alert]:  
Call home for Health Monitor process nchm:  
SinglePathToDiskShelf_Alert[12345678912345678912].  
Tue May 17 20:09:31 +0200 [node_name: schmd: hm.alert.raised:alert]: Alert Id =  
DualControllerHa_Alert , Alerting Resource = 0a:0b:0c:0d:0e:0f:00:0a raised by  
monitor system-connect  
Tue May 17 20:13:01 +0200 [node_name: mgwd: callhome.hm.alert.major:alert]:  
Call home for Health Monitor process schm:  
DualControllerHa_Alert[0a:0b:0c:0d:0e:0f:00:0a].  
Tue May 17 20:24:31 +0200 [node_name: schmd: hm.alert.cleared:notice]: Alert Id  
= DualControllerHa_Alert , Alerting Resource = 50:0a:09:80:0e:97:15:80 cleared  
by monitor system-connect
```