



磁盘架固件升级后出现磁盘冗余故障错误

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

Updated: Wed, 22 Apr 2026 09:01:31 GMT

适用场景

FAS8300、AFF-A700

问题描述

- 磁盘架固件升级后、系统位于混合路径中

SYSCONFIG-A

System Serial Number: YYYYYYYYYYYY

System Storage Configuration: Multi-Path HA

System Serial Number: XXXXXXXXXXXXX

System Storage Configuration: Mixed-Path HA

slot 1: SAS Host Adapter 1d (Broadcom SAS3616W rev. 2, SAS, <UP>)

Phy State:[0] Enabled, 12.0 Gb/s

[1] Enabled, 12.0 Gb/s

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```
[2] Enabled, 12.0 Gb/s
[3] Enabled, 12.0 Gb/s
Mini-SAS HD Vendor:      Molex Inc.
Mini-SAS HD Part Number: 112-00437 A0
Mini-SAS HD Type:       Passive Copper (unequalized) 2m end_1
Mini-SAS HD Serial Number: XXXXXXXXX
00.33: NETAPP  X377_WVAXE10TA07 NA02 9324.2GB 520B/sect (XXXXXXXXXX)
00.34: NETAPP  X377_WVAXE10TA07 NA02 9324.2GB 520B/sect (XXXXXXXXXX)
00.35: NETAPP  X377_WVAXE10TA07 NA02 9324.2GB 520B/sect (XXXXXXXXXX)
00.48: NETAPP  X377_WVAXE10TA07 NA02 9324.2GB 520B/sect (XXXXXXXXXX)
00.49: NETAPP  X377_WVAXE10TA07 NA02 9324.2GB 520B/sect (XXXXXXXXXX)
00.50: NETAPP  X377_WVAXE10TA07 NA02 9324.2GB 520B/sect (XXXXXXXXXX)
```

EMS-LOG-FILE.GZ

```
Tue Feb 06 09:28:03 -0500 [nodexxxx: svc_queue_thread:
shelf.config.tomixedha:notice]: System has transitioned to a mixture of single,
multi-path or quad-path storage configurations.
Tue Feb 06 09:28:03 -0500 [nodexxxx: svc_queue_thread:
callhome.dsk.redun.fault:error]: Call home for DISK REDUNDANCY FAILED
```

- 在上述示例中、节点的适配器1d无法检测到磁盘架0的抽盒4
- 连接到这两个节点的所有其他适配器都会检测到同一抽盒