



FAS9500显示Mixed Path after disk config.SAS2Domain错误

https://kb-cn-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/FAS9500_shows_Mixed-Path_after_di...

Updated: Wed, 22 Apr 2026 06:38:04 GMT

适用场景

- FAS9500
- FAS或AFF系统

问题描述

- 发生一个config.SAS2Domain错误后、节点处于混合路径。

EMS :

```
[?] Mon Apr 07 18:07:36 +0900 [Node1: config_check:  
config.SAS2Domain:error]: Disk 1.12.27 is multipathed to the same SAS  
domain. The two disk ports must be in different SAS domains.  
[?] Mon Apr 07 18:07:36 +0900 [Node1: config_check:  
callhome.dsk.config:error]: Call home for DISK CONFIGURATION ERROR  
[?] Mon Apr 07 18:07:36 +0900 [Node1: start_asup_collector_thread:  
shelf.config.tomixedha:notice]: System has transitioned to a mixture of  
single, multi-path or quad-path storage configurations.
```

```
[?] Mon Apr 07 18:07:36 +0900 [Node1: start_asup_collector_thread:
callhome.dsk.redun.fault:error]: Call home for DISK REDUNDANCY FAILED
```

Sysconfig-A :

```
NetApp Release 9.15.1P7: Sat Jan 18 16:34:02 EST 2025
System ID: XXXXXXXXXXXX (Node1); partner ID: XXXXXXXXXXXX (Node2)
System Serial Number: XXXXXXXXXXXXXXXX (Node1)
System Rev: C0
System Storage Configuration: Mixed-Path HA
```

- 此磁盘仅显示在一个环路中。

Sysconfig-A :

```
slot 1: SAS Host Adapter 1d (PMC-Sierra PM8072 rev. C, SAS, <UP>)
12.26: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)
12.27: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)
12.28: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)

slot 11: SAS Host Adapter 11b (PMC-Sierra PM8072 rev. C, SAS, <UP>)
12.26: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)
12.27: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)
12.28: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)

slot 7: SAS Host Adapter 7a (PMC-Sierra PM8072 rev. C, SAS, <UP>)
12.26: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)
12.28: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)

slot 11: SAS Host Adapter 11a (PMC-Sierra PM8072 rev. C, SAS, <UP>)
12.26: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)
12.28: NETAPP X377_SCBPE10TA07 NA01 9324.2GB 520B/sect (XXXXXXXXXX)
```

- ENCLOSURE BYPASSED B, BYPASSED B 发生在此磁盘上。

存储故障：

```
Enclosure Status: critical
Channel: 11a
Shelf: 12
Shelf Type: DS460-12
Product Serial Number: XXXXXXXXXXXXXXXX
Module Type: IOM12B
```

Disk Elements:

Element	Status	Status Bytes	Status Descriptions
27 [Bay 3]:	CRITICAL	02,03,10,04	ENCLOSURE BYPASSED B, BYPASSED B

- 问题描述在更换磁盘后会保留下来。