



## NetApp E系列上的"Frequent Volume Not on Preferred"(频繁卷不在首选路径上)警报

[https://kb-cn-stage.netapp.com/on-prem/E-series/SANtricity-OS-Kbs/Frequent\\_Volume\\_not\\_on\\_preferr...](https://kb-cn-stage.netapp.com/on-prem/E-series/SANtricity-OS-Kbs/Frequent_Volume_not_on_preferr...)

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### 适用场景

- NetApp E 系列
- iSCSI主机连接
- Windows主机

### 问题描述

- 控制器报告卷不在首选路径上非常频繁并正在解决。
- 主要事件日志显示：

```
A:2/26/24, 9:46:05 AM (09:46:05) 77317 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay A - Event: Cache Reconfigure Sync-8 A:2/26/24, 9:46:05 AM (09:46:05) 77316 212c Write-back caching fully restored - Shelf 99, Bay A A:2/26/24, 9:46:04 AM (09:46:04) 77315 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay A - Event: Cache Reconfigure Sync-5 B:2/26/24, 9:46:05 AM (09:46:05) 77314 2044 IO shipping implicit volume transfer - Volume MTBK110_CommvaultMP4 ----> Shipped/
```

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**Owned IOs: 184/12, Host ID: 12** B:2/26/24, 9:46:05 AM (09:46:05) 77313 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay B - Event: Give Volume Ownership-8 **B:2/26/24, 9:46:04 AM (09:46:04) 77312 2044 IO shipping implicit volume transfer - Volume MTBK110\_CommvaultMP1 ----> Shipped/Owned IOs: 158/1, Host ID: 12** B:2/26/24, 9:46:04 AM (09:46:04) 77311 212c Write-back caching fully restored - Shelf 99, Bay B B:2/26/24, 9:46:04 AM (09:46:04) 77310 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay B - Event: Give Volume Ownership-5 A:2/26/24, 7:49:32 AM (07:49:32) 77309 9104 Analysis of workload balance was performed - None B:2/26/24, 7:44:24 AM (07:44:24) 77308 2049 Fail-back implicit volume transfer - Volume MTBK110\_CommvaultMP4 B:2/26/24, 7:44:24 AM (07:44:24) 77307 2049 Fail-back implicit volume transfer - Volume MTBK110\_CommvaultMP2 B:2/26/24, 7:44:24 AM (07:44:24) 77305 212c Write-back caching fully restored - Shelf 99, Bay B B:2/26/24, 7:44:23 AM (07:44:23) 77304 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay B - Event: Take Volume Ownership-6 A:2/26/24, 7:44:24 AM (07:44:24) 77301 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay A - Event: Cache Reconfigure Sync-6 A:2/26/24, 7:39:53 AM (07:39:53) 77300 212c Write-back caching fully restored - Shelf 99, Bay A A:2/26/24, 7:39:53 AM (07:39:53) 77299 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay A - Event: Cache Reconfigure Sync-5 B:2/26/24, 7:40:22 AM (07:40:22) 77298 4011 Volume not on preferred path due to AVT/RDAC failover - Shelf 99, Bay B <--CRITICAL B:2/26/24, 7:39:53 AM (07:39:53) 77297 2049 Fail-back implicit volume transfer - Volume MTBK110\_CommvaultMP1 B:2/26/24, 7:39:53 AM (07:39:53) 77296 212c Write-back caching fully restored - Shelf 99, Bay B B:2/26/24, 7:39:52 AM (07:39:52) 77295 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay B - Event: Take Volume Ownership-5 A:2/26/24, 7:38:22 AM (07:38:22) 77294 212c Write-back caching fully restored - Shelf 99, Bay A A:2/26/24, 7:38:21 AM (07:38:21) 77293 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay A - Event: Cache Reconfigure Sync-8 **B:2/26/24, 7:38:22 AM (07:38:22) 77292 2044 IO shipping implicit volume transfer - Volume MTBK110\_CommvaultMP4 ----> Shipped/Owned IOs: 1399/0, Host ID: 12** B:2/26/24, 7:38:22 AM (07:38:22) 77291 212c Write-back caching fully restored - Shelf 99, Bay B B:2/26/24, 7:38:21 AM (07:38:21) 77290 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay B - Event: Give Volume Ownership-8 A:2/26/24, 7:36:18 AM (07:36:18) 77289 2024 Media scan (scrub) resumed - Volume MTBK110\_CommvaultMP2 A:2/26/24, 7:36:18 AM (07:36:18) 77288 212c Write-back caching fully restored - Shelf 99, Bay A A:2/26/24, 7:36:17 AM (07:36:17) 77287 210a Controller cache not enabled or was internally disabled - Shelf 99, Bay A - Event: Cache Reconfigure Sync-6 **B:2/26/24, 7:36:18 AM (07:36:18) 77286 2044 IO shipping implicit volume transfer - Volume MTBK110\_CommvaultMP2 ----> Shipped/Owned IOs: 1433/0, Host ID: 12**

Initiator iSCSI name: `iqn.1991-05.com.microsoft:xxx.xxx.xxxxx.xxx.xx` (host MTBK110)

**Sessions/Connections to Controller A:**

```
192.168.xxx.xx -> 192.168.xxx.xx
192.168.xxx.xx -> 192.168.xxx.xx
192.168.xxx.xx -> 192.168.xxx.xx
192.168.xxx.xx -> 192.168.xxx.xx
192.168.xxx.xx -> 192.168.xxx.xx
```

**Sessions/Connections to Controller B:**

```
192.168.xxx.xx -> 192.168.xxx.xx
192.168.xxx.xx -> 192.168.xxx.xx
192.168.xxx.xx -> 192.168.xxx.xx
```