



LUN Assignment Change Notifications During Trident PVC Provisioning in Kubernetes/OpenShift Environments

https://kb.netapp.com/Cloud/Astra/Trident/LUN_Assignment_Change_Notifications_During_Trident_PV...

Updated: Tue, 21 Jul 2026 11:21:57 GMT

Applies to

- NetApp Trident CSI Driver
- Kubernetes/OpenShift clusters using NetApp SAN storage via Trident

Issue

Customers may observe the following kernel messages and multipath events on Linux hosts connected to NetApp SAN storage via Trident, particularly during scheduled automation jobs (e.g., compliance scans):

Example log output:

```
[Wed Jul 1 01:00:09 2026] sd 5:0:3:7: Power-on or device reset occurred
[Wed Jul 1 01:00:09 2026] sd 5:0:3:7: LUN assignments on this target have changed. The Linux SCSI
layer does not automatically remap LUN assignments.
[Wed Jul 1 01:00:48 2026] sd 12:0:3:4: LUN assignments on this target have changed.
[Wed Jul 1 01:00:50 2026] sd 12:0:2:1: LUN assignments on this target have changed.
```

Symptoms reported:

- Host I/O timeouts, path failovers, or LUN offline events at scheduled times
- Multipath errors such as `no_path_retry queue|fail|#`
- Occurrence coincides with nightly or scheduled Kubernetes PVC provisioning/deprovisioning (e.g., compliance jobs)
- No manual changes made to LUN mappings on the storage side