



StorageGRID appliance reporting Isolation of Drive causing redundancy mismatch MEL event on storage controller E2800 after drive replacement

https://kb-stage.netapp.com/on-prem/E-Series/SANtricity-OS-KBs/StorageGRID_appliance_reporting_I...

Updated: Wed, 24 Jun 2026 07:13:54 GMT

Applies to

- StorageGRID appliance SG6060
- E-Series controller E2800 of StorageGRID appliance

Issue

- AutoSupport case automatically created for (Isolation of drive causing redundancy mismatch) **CRITICAL**
- E-Series MEL events shows the Impending Drive Failure triggered a drive copy to the preservation capacity earlier.

B:5/22/23, 7:48:36 PM (19:48:36) 5208 3803 Disk pool reconstruction reserved drive count is below threshold - Disk Pool StorageGRID-disk-pool99 <--CRITICAL

B:5/22/23, 7:48:36 PM (19:48:36) 5207 227e **Drive copy started - Shelf 99, Drawer 4, Bay 5**

A:5/22/23, 7:48:36 PM (19:48:36) 5206 3803 Disk pool reconstruction reserved drive count is below threshold - Disk Pool StorageGRID-disk-pool99 <--CRITICAL

B:5/22/23, 7:48:34 PM (19:48:34) 5205 1023 Drive copy triggered by a controller detected impending drive failure - Shelf 99, Drawer 4, Bay 5 - WWN: 5000ccaxxxxxx

- Later the drive was Failed and replaced, which then the bad data copied back to the new disk triggering isolation event.

A:5/25/23, 12:05:35 AM (00:05:35) 5287 2046 **Isolation of drive causing redundancy mismatch - Shelf 99, Drawer 4, Bay 5 - LBA: 0x1f440dc00 - SSID: 0x12 = 18 <--CRITICAL**

A:5/25/23, 12:05:35 AM (00:05:35) 5286 2035 **Redundancy not consistent - Volume StorageGRID-obj-14 - SSID: 0x12 = 18 - LBA: 0x00000000, Blocks:32768**

A:5/24/23, 2:02:24 PM (14:02:24) 5282 380a Disk pool reconfiguration started - Disk Pool StorageGRID-disk-pool99

A:5/24/23, 2:02:17 PM (14:02:17) 5281 2401 Hot swap monitor detected drive insertion - Shelf 99, Drawer 4, Bay 5 - WWN: 5000cca0c8245314

A:5/24/23, 2:01:50 PM (14:01:50) 5280 2858 Drawer closed - Shelf 99, Drawer 4

B:5/24/23, 2:02:27 PM (14:02:27) 5279 380a Disk pool reconfiguration started - Disk Pool StorageGRID-disk-pool99

B:5/24/23, 2:02:20 PM (14:02:20) 5278 2263 **The drive replacement succeeded - Shelf 99, Drawer 4, Bay 5**

B:5/24/23, 2:02:20 PM (14:02:20) 5277 2228 Drive deleted - Shelf 99, Drawer 4, Bay 5

B:5/24/23, 2:02:14 PM (14:02:14) 5276 2401 Hot swap monitor detected drive insertion - Shelf 99, Drawer 4, Bay 5 - WWN: 5000ccaxxxxxx

B:5/24/23, 2:01:47 PM (14:01:47) 5275 2858 Drawer closed - Shelf 99, Drawer 4

B:5/24/23, 2:01:39 PM (14:01:39) 5274 101f **Summary of impending drive failure detected by controller - Shelf 99, Drawer 4, Bay 5 - Detected by:**

0, Sense Key: 0

----> Current/Cumulative Recovered Errors: 0/10, Medium Errors: 0/0,
Hardware Errors: 0/0, Stagnant IO: 0/0