



E-Series remote volume mirror failure and recursive controller reboots after volume capacity expansion

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

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Applies to

- NetApp E-Series
- Asynchronous remote volume mirroring (ARVM)
- Dynamic volume expansion (DVE)

Issue

- After increasing E-Series volume capacity (DVE), the volume mirror relationship fails.
- The E-Series events (Support > Events) in SANtricity System Manager and support bundle / AutoSupport (ASUP) major-event-log display below event:

Event type: 7C06

Priority: Critical

Description: Asynchronous mirror group member has failed

- The controllers may recursively reboot after mirroring is resumed following the volume capacity expansion. The E-Series reboot will be for a segmentation fault (SIGSEGV) which can be retrieve from controller shell using `excLogShow` or support bundle / ASUP state-capture-data file:

2025-10-15 03:08:30.748606

SIGSEGV Received

Backtrace of the crashed thread:

```
#0 0x00007f12136a9e2c in ?? () from /lib/x86_64-linux-gnu/libc.so.6
#1 0x00007f121365afb2 in raise () from /lib/x86_64-linux-gnu/libc.so.6
#2 0x00007f12139bf3ea in vkiPanic () from /raid/lib/libeos-System.so
#3 No symbol table info available.
#4 0x00007f11ff9f6d30 in vutl::BitmapL0Page::isPageInitialized(unsigned int)
() from /raid/lib/libeos-RAID.so
#5 0x00007f11ff9ff1ad in vutl::DeltaLog::processBitsUpdate(buf*) () from
/raid/lib/libeos-RAID.so
#6 0x00007f11fe92ec6a in iop::BuftPriorityQueues::processWork() () from /raid/
lib/libeos-RAID.so
#7 0x00007f11fe8a9ea0 in
iop::IoScheduleManagerMulticore::raidCacheSchedulerTask1() () from /raid/lib/
libeos-RAID.so
#8 0x00007f12139c2a18 in vkiTask () from /raid/lib/libeos-System.so
#9 0x00007f12136a8134 in ?? () from /lib/x86_64-linux-gnu/libc.so.6
#10 0x00007f12137287dc in ?? () from /lib/x86_64-linux-gnu/libc.so.6
```