



After replacing MB in the Partial giveback status, the disk cannot be recognized with the "disk show -v" command

https://kb-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/After_replacing_MB_in_the_Partial_giveb...

Updated: Wed, 24 Jun 2026 07:24:37 GMT

Applies to

- ONTAP 9
- AFF A300

Issue

- A node (node01) causes PANIC below and is taken over by the partner node (node00).

Example of console log:

```
PANIC : PCI Error NMI from device(s):RPT(0,3,0):QLogic FC/10GbE CNA  
on Controller.
```

```

version: 9.1P11: Thu Dec 21 02:32:26 PST 2017
conf   : x86_64.optimize
cpuid  = 9
KDB: stack backtrace:
panic() at panic+0x5f8
platform_ifname_hidden() at platform_ifname_hidden+0x612
psl_reconstruct_sysconfig_list() at 0xffffffff81404dfe
generic_nmi_handler() at generic_nmi_handler+0xb8
trap() at trap+0x38c
Xnmi() at Xnmi+0xcf
cpu_idle() at cpu_idle+0x55
sched_idletd() at sched_idletd+0x1d5
fork_exit() at fork_exit+0x181
fork_trampoline() at fork_trampoline+0xe
--- trap 0, rip = 0, rsp = 0xffffffff83e4d49cf0, rbp = 0 ---
Uptime: 52s
coredump: primary dumper unavailable.
coredump: secondary dumper unavailable.
System halting...

```

- Giveback doesn't work and node01 stops again.
- After the failed giveback, the system appears as partial giveback status like the following.

Example of cluster shell:

```

Cluster::> storage failover show
Takeover
Node           Partner           Possible State Description
-----
-----
node00         node01- false       Waiting for node01,Partial giveback,
Takeover is not
                                                    possible: NVRAM log not
synchronized
node01         node00- -           Dumping sparecore
2 entries were displayed.

```

- After replacing MB of node01 in that state, "disk show -v" in maintenance mode doesn't show any disks.

Example:

```
*> disk show -v
Local System ID: 987654321

disk show: No disks attached to system.
```

- ONTAP is unable to be started up with "boot_ontap" due to "No root volume found" and continues rebooting.

Example:

```
Storage Adapters found:
0 Fibre Channel Storage Adapters found!
4 SAS Adapters found!
0 Parallel SCSI Storage Adapters found!
0 ATA Adapters found!

add host 127.0.10.1***OS2SP configure e0S successfully***
: gateway 127.0.20.1

Select option 4 from the boot menu to choose disks for the root
volume and spare core space.
Target Adapters found:
4 Fibre Channel Target Adapters found!
0 iSCSI Target Adapters found!

WARNING: there do not appear to be any disks attached to the system.
No root volume found.
Rebooting... (press ctrl-c during boot to break reboot loop)
Uptime: 1m54s
System rebooting...
```