



Handling L2 Watchdog Resets on the AFF A320 Platform

https://kb-stage.netapp.com/on-prem/ontap/OHW/OHW-KBs/Handling_L2_Watchdog_Resets_on_the_...

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Applies to

- AFF A320

Issue

- Node reboots unexpectedly
- Node does not reboot after an unexpected shutdown

BMC logs on the impacted node show the following:

```
Record 402: Thu May 05 06:20:35.070000 2022 [ASUP.notice]: First notification  
email | (REBOOT (abnormal)) WARNING | Send failed
```

```
Record 403: Thu May 05 06:20:40.640000 2022 [IPMI.notice]: 0076 | 02 | EVT:
```

6fc302ff | System_Watchdog | Assertion Event, "Power cycle"

Record 404: Thu May 05 06:20:40.640000 2022 [IPMI Event.critical]: L2 watchdog timeout power cycle

- If node reboots, the following error can be seen in the EMS log files

Thu May 05 15:33:43 +0800 [netapp: splog_main:

mgr.boot.reason_abnormal:EMERGENCY]: System rebooted due to a watchdog reset.

Thu May 05 15:33:43 +0800 [netapp: splog_main: callhome.reboot.watchdog:alert]:

Call home for REBOOT (watchdog reset)

- If node is unable to reboot, system sensors from the BMC may show the Attn_Sensor1 as Asserted

Power_Event	0x0	discrete		na	na
na	na				
System_FW_Status	0x0	discrete	0x2f	na	na
na	na				
Wrench_Port_Up	0x0	discrete	Enabled	na	na
na	na				
Attn_Sensor1	0x0	discrete	Asserted	na	na
na	na				