



Handling L2 Watchdog Resets on the FAS2620 / FAS2650 / AFF A200

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

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Applies to

- FAS2620 / FAS2650 / AFF A200

Issue

- Node reboots unexpectedly
- Node does not reboot after an unexpected shutdown
- Service Processor logs on the impacted node show the following:

```
Record 454: Mon Feb 08 11:49:20.924775 2021 [IPMI Event.critical]: L2  
watchdog timeout hard reset
```

```
Record 455: Mon Feb 08 11:49:20.984259 2021 [Trap
```

Event.critical]: hwassist l2_watchdog_reset (29)

Record 456: Mon Feb 08 11:49:23.000822 2021 [SP.critical]: Filer Reboot

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

[cluster-01:mgr.boot.reason_abnormal:EMERGENCY]: System rebooted due to a watchdog reset.

- If node is unable to reboot, system sensors from the SP may show sensors unavailable (na) or faulted (Fault)

Sensor Name	Current	Unit	Status	LCR	LNC
UNC	UCR				
-----+-----+-----+-----+-----					
+-----+-----+-----					
SYSTEM:					
System_FW_Status	na	discrete	na	na	na
na	na				
System_Watchdog	0x0	discrete		na	na
na	na				
Wrench_Port_Up	na	discrete	na	na	na
na	na				
CONTROLLER_A:					
PCM_Status	0x0	discrete	Fault	na	na
na	na				
Attn_Sensor1	0x0	discrete	Asserted	na	na
na	na				
CPU-1_DTS_Temp	na	degrees C	na	na	na
-10.000	0.000				
CPU-2_DTS_Temp	na	degrees C	na	na	na
-10.000	0.000				
CPU0_PVCCP	na	Volts	na	1.580	
1.670	1.920	2.010			
CPU1_PVCCP	na	Volts	na	1.580	
1.670	1.920	2.010			