



"sas.cable.degraded" detected due to faulty sas cable

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

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Applies to

- ONTAP 9
- SAS storage shelves

Issue

- `EMS show sas port` in degraded mode.

```
[sas.cable.degraded:error]: Cable attached to SAS port "0a" is functioning in a degraded mode.
```

- The speed of some PHYs is reduced when checked from `sysconfig -a` output. **Example:**

```
slot 0: SAS Host Adapter 0a (PMC-Sierra PM8072 rev. C, SAS, <UP>)  
Firmware rev: 03.08.09.00  
Base WWN: 5:00a098:00f5e56:b0  
Temperature: Not Available  
Phy State: [0] Enabled, 6.0 Gb/s  
           [1] Enabled, 12.0 Gb/s  
           [2] Enabled, 3.0 Gb/s  
           [3] Enabled, 12.0 Gb/s
```

- The issue remains after sas cable reset.
- "storage port show" reports SAS port 0a as "online-degraded"