



由于HBA卡而降级OnlinePort_Alert

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

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适用场景

- FAS或AFF系统

问题描述

- DegradedOnlinePort_Alert 报告在中SYSTEM-HEALTH-ALERT.XML
- 在SYSCONFIG-A 中，Phy State 显示Disabled。

```
SYSCONFIG-A :
slot 1: SAS Host Adapter 1d (PMC-Sierra PM8072 rev. C, SAS, <UP>)
MFG Part Number:  Microsemi Corp. 110-03801 rev. A0
Part number:      111-03801+A0
Serial number:    XXXXXXXXXXXX
Date Code:        20180706
Firmware rev:     03.08.09.00
Base WWN:         5:0000d1:7048bcc:0c
Temperature:      44 C
```

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```
Phy State:      [4] Enabled, 12.0 Gb/s
                [5] Disabled
                [6] Enabled, 12.0 Gb/s
                [7] Enabled, 12.0 Gb/s
```

- 在STORAGE-SHELF 中，显示了UNKWN LNK。

```
STORAGE-SHELF :
Shelf name:    1d.shelf1
Shelf id:      1
Channel:      1d
Module:       A
Shelf UID:    XX:XX:XX:XX:XX:XX:XX:XX
Shelf S/N:    XXXXXXXXXXXXXXXXXX
Term switch:  N/A
Shelf state:  ONLINE
Module state: OK
```

Partial Path	Link	Invalid	Running	Loss	Phy	CRC	Phy	
Disk	Port	Timeout	Rate	DWord				
Disparity	Dword	Reset	Error	Change				
Id	State	Value (ms)	(Gb/s)	Count				
Count	Count	Problem	Count	Count				
[HST0/P0:0]	OK	7	12.0	0	0	0	0	13
[HST1/P0:1]	OK	7	12.0	0	0	0	0	13
[HST2/P0:2]	OK	7	12.0	0	0	0	0	13
[HST3/P0:3]	OK	7	12.0	0	0	0	0	13
[HST4/P1:0]	EMPTY	7	NA	0	0	0	0	0
[HST5/P1:1]	EMPTY	7	NA	0	0	0	0	0
[HST6/P1:2]	EMPTY	7	NA	0	0	0	0	0
[HST7/P1:3]	EMPTY	7	NA	0	0	0	0	0
[HST8/P2:0]	OK	7	12.0	0	0	0	0	19
[HST9/P2:1]	OK	7	12.0	0	0	0	0	19
[HST10/P2:2]	UNKWN LNK	7	NA	0	0	0	0	18
[HST11/P2:3]	OK	7	12.0	0	0	0	0	19
[HST12/P3:0]	EMPTY	7	NA	0	0	0	0	0
[HST13/P3:1]	EMPTY	7	NA	0	0	0	0	0
[HST14/P3:2]	EMPTY	7	NA	0	0	0	0	0
[HST15/P3:3]	EMPTY	7	NA	0	0	0	0	0

- 即使在更换了缆线和连接到该缆线的IOM后、问题描述仍然存在。