



ノードのパニックイベント後にNoPathToNSMB_Alertが報告される

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

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環境

- ONTAP 9
- AFF-A700
- NS224シェルフ

問題

- イベントログから、ノードのパニック後にNoPathToNSMB_Alertが報告されたことを確認できます。

```
Mon Sep 18 07:44:18 +0530 [PUNOLIOSANAF01-01: nchmd: hm.alert.raised:alert]:  
Alert Id = NoPathToNSMB_Alert , Alerting Resource = 6821354745569517568 raised  
by monitor node-connect
```

```
Mon Sep 18 07:21:32 +0530 [PUNOLIOSANAF01-01: nvmmf_poller_1: sk.panic:alert]:
```

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```
Panic String: PCI Error NMI from
device(s):ErrSrcID(CorrSrc(0xac40),UCorrSrc(0)), RPT(128,3,0):PLX PCIE 8764
switch on Controller, Br[8764](172,8,0): Link down. in SK process
nvmf_poller_1 on release 9.12.1P5 (C)
```

- 次のアラートは、両方のノードの[System Health Alert]セクションに表示されます。

```
Node: PUNOLIOSANAF01-01
Alert ID: NoPathToNSMB_Alert
Description: Controller PUNOLIOSANAF01-01 is connected only to module A of
shelf 1.0 through port e3a.
```

```
Node: PUNOLIOSANAF01-02
Alert ID: NoPathToNSMB_Alert
Description: Controller PUNOLIOSANAF01-02 is connected only to module A of shelf
1.0 through port e3b.
```

- 両方のノードがマルチパスHAとして構成されています。

```
NetApp Release 9.12.1P5: Fri Jul 21 05:05:49 EDT 2023
System ID: 0538063584 (PUNOLIOSANAF01-01); partner ID: 0538063552
(PUNOLIOSANAF01-02)
System Serial Number: 792317000024 (PUNOLIOSANAF01-01)
System Rev: B1
System Storage Configuration: Multi-Path HA
```

```
NetApp Release 9.12.1P5: Fri Jul 21 05:05:49 EDT 2023
System ID: 0538063552 (PUNOLIOSANAF01-02); partner ID: 0538063584
(PUNOLIOSANAF01-01)
System Serial Number: 792317000039 (PUNOLIOSANAF01-02)
System Rev: B1
System Storage Configuration: Multi-Path HA
```

- シェルフ側では、NSM Bはイーサネットポートとノード名を検出しません。ポート1と2はNSM Aに接続され、ポート3と4はNSM Bに接続されています。

```
Shelf 0: NS224NSM100 Firmware rev. NSM100 A: 0203 NSM100 B: 0203
[1] MAC address: d0:39:ea:aa:85:62 Attached MAC address: e8:eb:d3:bf:a9:20
Attached port: e3a Attached chassis: d0:39:ea:54:82:c0
Attached manufacturer: PUNOLIOSANAF01-01
Cable serial number: 93A2232621128 Cable vendor name: Molex
Cable id: QSFP28 Cable end: 0
Cable technology: passive copper Cable length: 2m
```

```

[2] MAC address: d0:39:ea:aa:85:63 Attached MAC address: e8:eb:d3:bf:b1:29
Attached port: e3b Attached chassis: d0:39:ea:54:82:ac
Attached manufacturer: PUNOLIOSANAF01-02
Cable serial number: 93A2232720348 Cable vendor name: Molex
Cable id: QSFP28 Cable end: 1
Cable technology: passive copper Cable length: 2m
[3] MAC address: d0:39:ea:aa:85:67 Attached MAC address: <N/A>
Attached port: <N/A> Attached chassis: <N/A> <-----
Attached manufacturer: <N/A> <-----
Cable serial number: 93A2232621103 Cable vendor name: Molex <----- e3a
node PUNOLIOSANAF01-02
Cable id: QSFP28 Cable end: 0
Cable technology: passive copper Cable length: 2m
[4] MAC address: d0:39:ea:aa:85:68 Attached MAC address: <N/A>
Attached port: <N/A> Attached chassis: <N/A> <-----
Attached manufacturer: <N/A> <-----
Cable serial number: 93A2232720118 Cable vendor name: Molex
Cable id: QSFP28 Cable end: 1
Cable technology: passive copper Cable length: 2m <----- e3b node
PUNOLIOSANAF01-01

```