

## 15. CMC-Q9-HCM - Task #919

### Thay thế node lỗi Pool2-CD site CMC-Q9

06-07-2024 21:18 - Hiếu Nguyễn Phùng

<b>Trạng thái:</b>	Closed	<b>Bắt đầu:</b>	06-07-2024
<b>Mức ưu tiên:</b>	Normal	<b>Hết hạn:</b>	
<b>Phân công cho:</b>	Hiếu Nguyễn Phùng	<b>Tiến độ:</b>	0%
<b>Chủ đề:</b>		<b>Thời gian ước lượng:</b>	0:00 giờ
<b>Phiên bản:</b>		<b>Thời gian:</b>	0:00 giờ

#### Mô tả

HOST 10.6.10.32 bị lỗi treo host  
Chuẩn bị 1 node thay thế  
Stress test kiểm tra, lên quy trình thay thế node

=====  
Phần alarm bình thường, có thể xử lý thay thế host:

The screenshot shows the vCenter interface for host POOL2-CD. The left sidebar shows a tree view with host 10.6.10.32 marked as 'Not responding'. The main panel displays the 'Issues and Alarms' section, which is highlighted with a red box. The table below lists the alarms:

Issue	Type
vSAN health alarm 'Hosts disconnected from VC'	Triggered Alarm
10.6.10.32: Host connection and power state	Triggered Alarm
10.6.10.32: vSphere HA host status	Triggered Alarm
10.6.10.31: Host hardware system board status	Triggered Alarm
10.6.10.31: Host battery status	Triggered Alarm
10.6.10.29: Host hardware system board status	Triggered Alarm
10.6.10.28: Host battery status	Triggered Alarm
10.6.10.22: Host battery status	Triggered Alarm
10.6.10.30: Host hardware system board status	Triggered Alarm
10.6.10.30: Host battery status	Triggered Alarm
10.6.10.26: Host battery status	Triggered Alarm
10.6.10.24: Host battery status	Triggered Alarm
10.6.10.25: Host battery status	Triggered Alarm
10.6.10.23: Host hardware system board status	Triggered Alarm
10.6.10.23: Host battery status	Triggered Alarm
10.6.10.27: Host hardware system board status	Triggered Alarm
10.6.10.27: Host battery status	Triggered Alarm
10.6.10.21: Host hardware system board status	Triggered Alarm
10.6.10.21: Host battery status	Triggered Alarm

Quy trình thay thế:

B1: Chuẩn bị 1 node Dell C6220

128GB RAM

CPU E5 2650

Stresstest

Set IPMI: 10.6.7.32

B2: Chỉnh Maintenance mode cho host 32

B2: OFF node

B3: Rút node lỗi để chuyển thiết bị sang node mới

- Chuyển CPU, usb boot của node cũ.
- RAM đã cắm đủ 128GB
- Card 10GB nhận đủ B4: Cắm node đã thay thế vào chassis

B5: Kiểm tra tài nguyên đảm bảo nhận đủ

B6: Vào vcenter kiểm tra node đã kết nối lại

- Duy trì node ở mode maintenance
- Kiểm tra disk nhận đủ
- Kiểm tra diskgroup kết nối lại, nhận đủ disk trên vsan
- Kiểm tra resync
- Theo dõi node ổn định, thoát mode maintenance

Theo dõi host mới thay thế hoạt động ổn định  
log IPMI báo nhiệt độ:

Severity	Date/Time	Description
✓	2024-09-07 03:44:07	SEL Fullness: Event Logging Disabled sensor, Log Area Reset/Cleared was asserted
!	2024-09-07 03:44:07	Battery low: Battery sensor, battery low was asserted
!	2024-09-07 03:44:07	Inlet Temp: Temperature sensor, warning event was asserted, reading value : 35C (Threshold : 35C)
✗	2024-09-07 03:44:07	PSU 1 Status: Power Supply sensor, Power Supply Failure detected was asserted
✗	2024-09-07 03:44:07	PSU 1 Status: Power Supply sensor, Power Supply input lost (AC/DC) was asserted
✗	2024-09-07 03:44:07	PSU Redundancy: Power Supply sensor, Non-redundant: Insufficient Resources was asserted
✓	2024-09-07 03:44:15	System Event, System Event,POST starts with BIOS 2.5.7
✗	2024-09-07 03:44:40	Memory: Memory Sensor sensor, Memory Device Disabled, Unspecified, CPU1 DIMM_A3
✗	2024-09-07 03:44:40	Memory: Memory Sensor sensor, Memory Device Disabled, Unspecified, CPU1 DIMM_A7
✗	2024-09-07 03:44:40	System Firmware Progress, POST error code: 8021h
✗	2024-09-07 03:44:40	System Firmware Progress, POST error code: 8100h
✗	2024-09-07 03:44:40	System Firmware Progress, POST error code: 8100h
✓	2024-09-07 03:44:51	System Event, POST ends with PC Compatible Boot(Legacy),Force PXE Boot
✓	2024-09-07 03:45:59	System Event, System Event,POST starts with BIOS 2.5.7
✓	2024-09-07 03:47:07	System Event, System Event,POST starts with BIOS 2.5.7
✓	2024-09-07 03:50:45	System Event, System Event,POST starts with BIOS 2.5.7
✗	2024-09-07 03:51:13	Memory: Memory Sensor sensor, Memory Device Disabled, Unspecified, CPU1 DIMM_A3
✗	2024-09-07 03:51:13	Memory: Memory Sensor sensor, Memory Device Disabled, Unspecified, CPU1 DIMM_A7
✗	2024-09-07 03:51:14	System Firmware Progress, POST error code: 8100h
✗	2024-09-07 03:51:14	System Firmware Progress, POST error code: 8100h
✓	2024-09-07 03:51:17	System Event, POST ends with PC Compatible Boot(Legacy),CD/DVD ROM Boot
!	2024-09-07 03:53:04	CPU1 Temp: Temperature sensor, warning event was asserted, reading value : 95C (Threshold : 95C)
✓	2024-09-07 03:53:05	CPU1 Temp: Temperature sensor, warning event was deasserted, reading value : 94C (Threshold : 95C)
!	2024-09-07 03:53:06	CPU1 Temp: Temperature sensor, warning event was asserted, reading value : 95C (Threshold : 95C)
✗	2024-09-07 03:53:18	CPU1 Temp: Temperature sensor, critical event was asserted, reading value : 96C (Threshold : 96C)

Đã sử dụng ipmitool để điều chỉnh mức nhiệt độ cao hơn.

```
C:\Users\Administrator\Desktop\DELL-BMC>ipmitool.exe -H 10.6.7.42 -U root -P root sensor thresh "CPU1 Temp" upper 0 50 0
Locating sensor record 'CPU1 Temp'...
Setting sensor "CPU1 Temp" Upper Non-Critical threshold to 0.000
Setting sensor "CPU1 Temp" Upper Critical threshold to 50.000
Setting sensor "CPU1 Temp" Upper Non-Recoverable threshold to 0.000
C:\Users\Administrator\Desktop\DELL-BMC>ipmitool.exe -H 10.6.7.42 -U root -P root sensor thresh "CPU1 Temp" upper 0 100 0
Locating sensor record 'CPU1 Temp'...
Setting sensor "CPU1 Temp" Upper Non-Critical threshold to 0.000
Setting sensor "CPU1 Temp" Upper Critical threshold to 100.000
Setting sensor "CPU1 Temp" Upper Non-Recoverable threshold to 0.000
```

Tiếp tục theo dõi

## Lược sử

### #1 - 10-07-2024 11:05 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

- Trạng thái thay đổi từ New tới In Progress

### #2 - 10-07-2024 11:05 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

### #3 - 10-07-2024 11:22 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

### #4 - 12-07-2024 11:45 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

### #5 - 12-07-2024 12:08 - Hiếu Nguyễn Phùng

- Tập tin clipboard-202407121207-zvq5i.png được thêm

- Mô tả cập nhật

**#6 - 15-07-2024 09:26 - Hiếu Nguyễn Phùng**

- Tập tin clipboard-202407150924-l8yls.png được thêm
- Tập tin clipboard-202407150925-2lygz.png được thêm
- Tập tin clipboard-202407150925-a8qvb.png được thêm
- Mô tả cập nhật

**#7 - 15-07-2024 20:58 - Hiếu Nguyễn Phùng**

- Trạng thái thay đổi từ In Progress tới Closed

**Tập tin**

clipboard-202407121207-zvq5i.png	97,6 KB	12-07-2024	Hiếu Nguyễn Phùng
clipboard-202407150924-l8yls.png	68,2 KB	15-07-2024	Hiếu Nguyễn Phùng
clipboard-202407150925-2lygz.png	12,1 KB	15-07-2024	Hiếu Nguyễn Phùng
clipboard-202407150925-a8qvb.png	12 KB	15-07-2024	Hiếu Nguyễn Phùng