

## 31. GIẢI PHÁP-TESTING - Task #772

Task # 679 (Closed): Monitor nhiệt độ server

### Monitor nhiệt độ server dell

20-05-2024 10:14 - Minh Pham

|                       |           |                             |            |
|-----------------------|-----------|-----------------------------|------------|
| <b>Trạng thái:</b>    | Closed    | <b>Bắt đầu:</b>             | 20-05-2024 |
| <b>Mức ưu tiên:</b>   | Normal    | <b>Hết hạn:</b>             | 26-05-2024 |
| <b>Phân công cho:</b> | Minh Pham | <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

Mục tiêu : Monitor nhiệt độ CPU, Board trên server dell bằng SNMP và gửi cảnh báo về slack

Kết quả thực hiện:

Server cảnh báo khi

CPU 1 Temp > 75 độ C

CPU 2 Temp > 75 độ C

Inlet Temp > 35 độ C

#### Đối với Dell R620

|   |        |        |       |                       |       |
|---|--------|--------|-------|-----------------------|-------|
| CPU1 Temp: Temperature                      | 2m 57s | 71 °C  |       | component: tempera... | Graph |
| CPU1 Temp: Temperature status               | 2m 57s | ok (3) |       | component: tempera... | Graph |
| CPU2 Temp: Temperature                      | 2m 57s | 70 °C  |       | component: tempera... | Graph |
| CPU2 Temp: Temperature status               | 2m 57s | ok (3) |       | component: tempera... | Graph |
| System Board Inlet Temp: Temperature        | 3m 19s | 21 °C  | -1 °C | component: tempera... | Graph |
| System Board Inlet Temp: Temperature status | 3m 19s | ok (3) |       | component: tempera... | Graph |

#### Đối với Dell R630

CPU

Discovered by [Temperature CPU Discovery](#)

\* Name

Type

\* Key

Type of information

\* Host interface

\* SNMP OID

Units

\* Update interval

| Custom intervals | Type                                  | Interval                                | Period                           |  |
|------------------|---------------------------------------|---|----------------------------------|--|
|                  | <input type="text" value="Flexible"/> | <input type="text" value="Scheduling"/> | <input type="text" value="50s"/> | <input type="text" value="1-7,00:00-24:00"/> |

\* History storage period

\* Trend storage period

Value mapping

Description

Enabled

[Latest data](#)

Inlet

Discovered by [Temperature Ambient Discovery](#)

\* Name

Type

\* Key

Type of information

\* Host interface

\* SNMP OID

Units

\* Update interval

| Type                                    | Interval                                  | Period   |
|---|---|--|
| <input type="button" value="Flexible"/> | <input type="button" value="Scheduling"/> | <input type="button" value="50s"/>             |
|   |   | <input type="button" value="1-7,00:00-24:00"/> |

\* History storage period

\* Trend storage period

Value mapping

Description  
 MIB: IDRAC-MIB-SMlv2  
 0700.0020.0001.0006 This attribute defines the reading for a temperature probe of type other than temperatureProbeTypesDiscrete. When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, the value returned for this attribute is the temperature that the probe is reading in tenths of degrees Centigrade. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, a value is not returned for this attribute.

Enabled

Đối với Dell R440

| Host                     | Name  | Last check | Last value               | Change | Tags                                 | Info    |
|--------------------------|---|------------|--------------------------|--------|--------------------------------------|---------|
| PowerEdge R440-10.0.7... | CPU1 Temp: Temperature                      | 1m 16s     | 41 °C                    |        | component: tempera...                | Graph   |
| PowerEdge R440-10.0.7... | CPU1 Temp: Temperature status               | 1m 16s     | ok (3)                   |        | component: tempera...                | Graph   |
| PowerEdge R440-10.0.7... | Firmware version                            | 12m 6s     | 3.30.30.30               |        | component: system                    | History |
| PowerEdge R440-10.0.7... | Hardware model name                         | 12m 6s     | PowerEdge R440           |        | component: system                    | History |
| PowerEdge R440-10.0.7... | Hardware serial number                      | 12m 6s     | 4495WV2                  |        | component: system                    | History |
| PowerEdge R440-10.0.7... | ICMP loss                                   | 25s        | 0 %                      |        | component: health component: network | Graph   |
| PowerEdge R440-10.0.7... | ICMP ping                                   | 25s        | Up (1)                   |        | component: health component: network | Graph   |
| PowerEdge R440-10.0.7... | ICMP response time                          | 25s        | 0.57ms                   |        | component: health component: network | Graph   |
| PowerEdge R440-10.0.7... | Operating system                            | 12m 6s     |                          |        | component: os                        | History |
| PowerEdge R440-10.0.7... | Overall system health status                | 1m 11s     | critical (5)             |        | component: system                    | Graph   |
| PowerEdge R440-10.0.7... | SNMP agent availability                     | 36s        | available (1)            |        | component: health component: network | Graph   |
| PowerEdge R440-10.0.7... | SNMP traps (fallback)                       |            |                          |        | component: network                   | History |
| PowerEdge R440-10.0.7... | System Board Inlet Temp: Temperature        | 1m 16s     | 31 °C                    |        | component: tempera...                | Graph   |
| PowerEdge R440-10.0.7... | System Board Inlet Temp: Temperature status | 1m 16s     | ok (3)                   |        | component: tempera...                | Graph   |
| PowerEdge R440-10.0.7... | System contact details                      | 12m 6s     | "support@dell.com"       |        | component: system                    | History |
| PowerEdge R440-10.0.7... | System description                          | 12m 6s     |                          |        | component: system                    | History |
| PowerEdge R440-10.0.7... | System location                             | 12m 6s     | "unknown"                |        | component: system                    | History |
| PowerEdge R440-10.0.7... | System name                                 | 12m 6s     | IDRAC-4495WV2            |        | component: system                    | History |
| PowerEdge R440-10.0.7... | System object ID                            | 12m 6s     | iso.3.6.1.4.1.674.108... |        | component: system                    | History |
| PowerEdge R440-10.0.7... | Uptime (hardware)                           | 1m 11s     | 00:00:00                 |        | component: system                    | Graph   |

Đối với Dell C6420

|                          |                           |                                |        |                  |                                      |         |
|--------------------------|---------------------------|--------------------------------|--------|------------------|--------------------------------------|---------|
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | CPU1 Temp: Temperature         | 4m 38s | 75 °C            | component: tempera...                | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | CPU1 Temp: Temperature status  | 4m 38s | ok (3)           | component: tempera...                | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | CPU2 Temp: Temperature         | 4m 38s | 55 °C            | component: tempera...                | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | CPU2 Temp: Temperature status  | 4m 38s | ok (3)           | component: tempera...                | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | Firmware version               | 12m 9s | 5.10.50.00       | component: system                    | History |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | Hardware model name            | 12m 9s | PowerEdge C6420  | component: system                    | History |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | Hardware serial number         | 12m 9s | CC5L7M2          | component: system                    | History |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | ICMP loss                      | 37s    | 0 %              | component: health component: network | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | ICMP ping                      | 37s    | Up (1)           | component: health component: network | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | ICMP response time             | 37s    | 0.65ms +0.0033ms | component: health component: network | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | Inlet Temp: Temperature        | 4m 38s | 22 °C            | component: tempera...                | Graph   |
| <input type="checkbox"/> | PowerEdge_C6420-10.2.7... | Inlet Temp: Temperature status | 4m 38s | ok (3)           | component: tempera...                | Graph   |

## Lược sử

### #1 - 20-05-2024 10:18 - Minh Pham

- Mô tả cập nhật

### #2 - 20-05-2024 10:19 - Minh Pham

- Mô tả cập nhật

### #3 - 27-05-2024 10:35 - Minh Pham

- Tập tin clipboard-202405271032-bw2wj.png được thêm
- Tập tin clipboard-202405271033-w2hui.png được thêm
- Tập tin clipboard-202405271034-klily.png được thêm
- Tập tin clipboard-202405271034-aseqm.png được thêm
- Tập tin clipboard-202405271035-jxmv6.png được thêm
- Mô tả cập nhật

### #4 - 27-05-2024 10:36 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

## Tập tin

|                                  |         |            |           |
|----------------------------------|---------|------------|-----------|
| clipboard-202405271032-bw2wj.png | 112 KB  | 27-05-2024 | Minh Pham |
| clipboard-202405271033-w2hui.png | 94,4 KB | 27-05-2024 | Minh Pham |
| clipboard-202405271034-klily.png | 41 KB   | 27-05-2024 | Minh Pham |
| clipboard-202405271034-aseqm.png | 122 KB  | 27-05-2024 | Minh Pham |
| clipboard-202405271035-jxmv6.png | 81 KB   | 27-05-2024 | Minh Pham |