

31. GIẢI PHÁP-TESTING - Task #774

Task # 679 (Closed): Monitor nhiệt độ server

Monitor nhiệt độ server quanta và hyve

20-05-2024 10:15 - Minh Pham

Trạng thái:	Closed	Bắt đầu:	03-06-2024
Mức ưu tiên:	Normal	Hết hạn:	30-06-2024
Phân công cho:	Minh Pham	Tiến độ:	0%
Chủ đề:		Thời gian ước lượng:	0:00 giờ
Phiên bản:		Thời gian:	0:00 giờ

Mô tả

Mục tiêu : Monitor nhiệt độ CPU, Board trên server quanta 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

Cấu hình server quanta52b

All templates / Template Server quanta SNMPv2 Items 6 Triggers 3 Graphs Dashboards Discovery rules Web scenarios

Item Tags Preprocessing

* Name

Type

* Key

Type of information

* SNMP OID

Units

* Update interval

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

[Add](#)

* History storage period

* Trend storage period

Value mapping

Populates host inventory field

Description

Enabled

Host groups

Hosts

Name

Tags

Show tags Tag name

Tag display priority

Show details

ta

Name ▲	Last check	Last value	Change	Tags
CPU-0: Temperature	1m 40s	40 °C		Graph
CPU-1: Temperature	1m 40s	43 °C	+2 °C	Graph
ICMP loss	47s	0 %		component: health component: network Graph
ICMP ping	47s	Up (1)		component: health component: network Graph
ICMP response time	47s	0.42ms	-0.013ms	component: health component: network Graph
Inlet: Temperature	1m 40s	23 °C		Graph

Quanta 51b

```
root@snmp-expoter:~# snmpwalk -v2c -c public -O e 10.0.7.241 1.3.6.1.4.1.7244.1.2.1.3.4.1
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.1 = INTEGER: 1
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.2 = INTEGER: 2
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.3 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.4 = INTEGER: 4
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.5 = INTEGER: 5
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.6 = INTEGER: 6
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.7 = INTEGER: 7
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.8 = INTEGER: 8
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.9 = INTEGER: 9
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.10 = INTEGER: 10
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.11 = INTEGER: 11
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.12 = INTEGER: 12
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.13 = INTEGER: 13
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.14 = INTEGER: 14
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.15 = INTEGER: 15
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.16 = INTEGER: 16
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.17 = INTEGER: 17
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.18 = INTEGER: 18
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.19 = INTEGER: 19
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.20 = INTEGER: 20
iso.3.6.1.4.1.7244.1.2.1.3.4.1.1.21 = INTEGER: 21
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.1 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.2 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.3 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.4 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.5 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.6 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.7 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.8 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.9 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.10 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.11 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.12 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.13 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.14 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.15 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.16 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.17 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.18 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.19 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.20 = INTEGER: 3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.2.21 = INTEGER: 2
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.1 = STRING: "Temp_CPU0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.2 = STRING: "Temp_CPU1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.3 = STRING: "Temp_DIMM_AB"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.4 = STRING: "Temp_DIMM_CD"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.5 = STRING: "Temp_DIMM_EF"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.6 = STRING: "Temp_DIMM_GH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.7 = STRING: "Temp_VR_CPU0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.8 = STRING: "Temp_VR_CPU1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.9 = STRING: "Temp_VR_DIMM_AB"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.10 = STRING: "Temp_VR_DIMM_CD"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.11 = STRING: "Temp_VR_DIMM_EF"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.12 = STRING: "Temp_VR_DIMM_GH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.13 = STRING: "Temp_PCH"
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iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.13 = STRING: "Temp_PCH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.14 = STRING: "Temp_PCI_Area"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.15 = STRING: "Temp_PCI_Inlet1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.16 = STRING: "Temp_PCI_Inlet2"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.17 = STRING: "Temp Ambient FP"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.18 = STRING: "Temp_Outlet"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.19 = STRING: "Temp_OCP_Mezz"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.20 = STRING: "NVMeSSD_0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.21 = STRING: "NVMeSSD_1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.1 = INTEGER: 53
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.2 = INTEGER: 60
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.3 = INTEGER: 32
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.4 = INTEGER: 35
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.5 = INTEGER: 37
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.6 = INTEGER: 31
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.7 = INTEGER: 30
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.8 = INTEGER: 33
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.9 = INTEGER: 25
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.10 = INTEGER: 27
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.11 = INTEGER: 29
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.12 = INTEGER: 26
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.13 = INTEGER: 37
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.14 = INTEGER: 35
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.15 = INTEGER: 35
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.16 = INTEGER: 32
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.17 = INTEGER: 21
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.18 = INTEGER: 21
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.19 = INTEGER: 61
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.20 = INTEGER: 31
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.21 = INTEGER: -99

```

Browser address bar: https://10.0.7.241/index.html



admin (Administrator) Refresh Print Logout HEL

Dashboard

Dashboard gives the overall information about the status of the device and remote server.

Device Information

Firmware Revision: 3.45.01
 Firmware Build Time: May 31 2016 14:01:19 CST
 BIOS Version: 52B_3B19.02
 PSU1 MFR Revision: 02
 PSU1 Firmware Version: 00.04.26
 PSU2 MFR Revision: 02
 PSU2 Firmware Version: 00.04.26
 BMC NIC: Dedicated-NIC
 System MAC
 - 1 : LOM :2C:60:0C:E3:C1:75
 - 2 : LOM :2C:60:0C:E3:C1:76
 - 3 : OCP Mezz :D8:C4:97:78:7B:82
 - 4 : OCP Mezz :D8:C4:97:78:7B:83
 BMC Date & Time: Wed, 12 Jun 2024 03:06:29
 BMC Chipset: AST2400

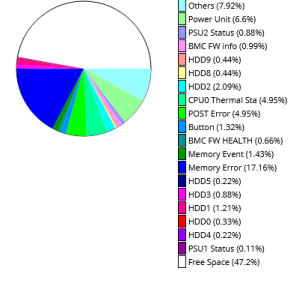
Network Information (Edit)

Host Name: QCT2C600CE3C177
 MAC Address: 2C:60:0C:E3:C1:77
 V4 Network Mode: Static
 IPv4 Address: 10.0.7.241
 V6 Network Mode: Disable

Sensor Monitoring

Status	Sensor	Reading	
●	Temp_Outlet	21 °C	🔊
●	Temp_CPU0	52 °C	🔊
●	Temp_CPU1	60 °C	🔊
●	Temp_DIMM_AB	32 °C	🔊
●	Temp_DIMM_CD	35 °C	🔊
●	Temp_DIMM_EF	37 °C	🔊
●	Temp_DIMM_GH	31 °C	🔊
●	Temp_OCP_Mezz	61 °C	🔊
●	Temp_VR_CPU0	30 °C	🔊
●	Temp_VR_CPU1	33 °C	🔊
●	Temp_VR_DIMM_AB	25 °C	🔊
●	Temp_VR_DIMM_CD	27 °C	🔊
●	Temp_VR_DIMM_EF	29 °C	🔊
●	Temp_VR_DIMM_GH	26 °C	🔊

Event Logs



Dashboard Server Information Server Health Configuration Remote Control Maintenance

● Fan_Y3s_1	9500 RPM	↗
● Fan_SYS4_0	11200 RPM	↗
● Fan_SYS4_1	9100 RPM	↗
● Fan_SYS5_0	11000 RPM	↗
● Fan_SYS5_1	9500 RPM	↗
● Volt_P3V3	3.339 Volts	↗
● Volt_P5V	4.985 Volts	↗
● Volt_P12V	12.24 Volts	↗
● Volt_P1V05	1.049 Volts	↗
● Volt_P1V8_AUX	1.803 Volts	↗
● Volt_P3V3_AUX	3.339 Volts	↗
● Volt_P5V_AUX	4.985 Volts	↗
● Volt_P3V_BAT	3.016 Volts	↗
● Volt_VR_CPU0	1.79 Volts	↗
● Volt_VR_CPU1	1.79 Volts	↗
● Volt_VR_DIMM_AB	1.22 Volts	↗
● Volt_VR_DIMM_CD	1.22 Volts	↗
● Volt_VR_DIMM_EF	1.22 Volts	↗
● Volt_VR_DIMM_GH	1.22 Volts	↗
● PSU1 Input	210 Watts	↗
● PSU2 Input	0 Watts	↗
● Temp_PCLInlet1	35 ° C	↗
● Temp_PCLInlet2	32 ° C	↗
● Temp_Ambient_FP	21 ° C	↗
● Airflow	44 CFM	↗
● NVMeSSD_0	31 ° C	↗

Activate Windows
Go to Settings to activate Windows.

Quanta D51PH



SNMP Community Settings

Use the page to configure various SNMP agent settings.

Enable SNMPv1/v2

Read-Only Community String:

Read-Write Community String:

Enable Trap

Version: V1 V2

Community String:

Destination 1 IP:

Destination 2 IP:

Destination 3 IP:

Destination 4 IP:

Destination 5 IP:

Save Reset Test Trap



Dashboard

Dashboard gives the overall information about the status of the device and remote server.

Device Information

Firmware Revision: 3.16.00
 Firmware Build Time: Nov 9 2015 16:18:42 CST
 BIOS Version: S2P_3B14
 Expander 1 Firmware Version: 0400
 PSU1 MFR Revision: B01
 PSU1 Firmware Version: 01.00.02
 PSU2 MFR Revision: B01
 PSU2 Firmware Version: 01.00.02
 BMC NIC: Dedicated-NIC
 System MAC
 - 1 : LOM :54:AB:3A:36:47:DE
 - 2 : LOM :54:AB:3A:36:47:DF
 BMC Date & Time: Wed, 12 Jun 2024 08:06:17
 BMC Chipset: AST2400

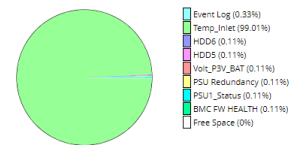
Network Information (Edit)

Host Name: QCT54AB3A3647E0
 MAC Address: 54:AB:3A:36:47:E0
 V4 Network Mode: Static
 IPv4 Address: 192.168.69.117
 V6 Network Mode: Disable

Sensor Monitoring

Status	Sensor	Reading	↗
●	Airflow	22 CFM	↗
●	Temp_Outlet	45 ° C	↗
●	Temp_BP1_1	41 ° C	↗
●	Temp_BP1_2	39 ° C	↗
●	Temp_BP2_1	37 ° C	↗
●	Temp_BP2_2	37 ° C	↗
●	Temp_BP3_1	36 ° C	↗
●	Temp_BP3_2	36 ° C	↗
●	Temp_SSD_BP	38 ° C	↗
●	Temp_PSU1	45 ° C	↗
●	Temp_PSU2	45 ° C	↗
●	Temp_SAS_EXP_0	47 ° C	↗
●	Temp_SAS_EXP_1	50 ° C	↗
●	Temp_SAS_EXP_OCS	88 ° C	↗
●	Temp_CPU0	57 ° C	↗
●	Temp_CPU1	57 ° C	↗
●	Temp_PCH	46 ° C	↗
●	Temp_VR_CPU0	40 ° C	↗
●	Temp_VR_CPU1	43 ° C	↗
●	Temp_VR_DIMM_AB	40 ° C	↗
●	Temp_VR_DIMM_CD	42 ° C	↗

Event Logs



```
root@influxdb:~# snmpwalk -v2c -c public -O e 192.168.69.117 1.3.6.1.4.1.7244.1.2.1.3.4.1.3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.1 = Hex-STRING: 54 65 6D 70 5F 50 43 49 31 5F 4F 75 74 6C 65 74
01
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.2 = STRING: "Temp_CPU0_Inlet"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.3 = STRING: "Temp_CPU1_Inlet"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.4 = STRING: "Temp_CPU0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.5 = STRING: "Temp_CPU1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.6 = STRING: "Temp_DIMM_AB"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.7 = STRING: "Temp_DIMM_CD"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.8 = STRING: "Temp_DIMM_EF"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.9 = STRING: "Temp_DIMM_GH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.10 = Hex-STRING: 54 65 6D 70 5F 50 43 49 32 5F 4F 75 74 6C 65 74
01
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.11 = STRING: "Temp_PCH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.12 = STRING: "Temp_VR_CPU0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.13 = STRING: "Temp_VR_CPU1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.14 = STRING: "Temp_VR_DIMM_AB"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.15 = STRING: "Temp_VR_DIMM_CD"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.16 = STRING: "Temp_VR_DIMM_EF"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.17 = STRING: "Temp_VR_DIMM_GH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.18 = STRING: "Temp_OCP_MEZZ"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.19 = STRING: "Temp_BP1_1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.20 = STRING: "Temp_BP1_2"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.21 = STRING: "Temp_BP2_1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.22 = STRING: "Temp_BP2_2"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.23 = STRING: "Temp_BP3_1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.24 = STRING: "Temp_BP3_2"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.25 = STRING: "Temp_SSD_BP"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.26 = STRING: "Temp_Inlet"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.27 = STRING: "Temp_PSU1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.28 = STRING: "Temp_PSU2"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.29 = STRING: "Temp_SAS_EXP_0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.30 = STRING: "Temp_SAS_EXP_1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.31 = Hex-STRING: 54 65 6D 70 5F 53 41 53 5F 45 58 50 5F 4F 43 53
01
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.32 = STRING: "Temp_Outlet"
root@influxdb:~# snmpwalk -v2c -c public -O e 192.168.69.117 1.3.6.1.4.1.7244.1.2.1.3.4.1.4
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.1 = INTEGER: 45
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.2 = INTEGER: 42
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.3 = INTEGER: 43
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.4 = INTEGER: 57
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.5 = INTEGER: 57
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.6 = INTEGER: -99
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.7 = INTEGER: -99
```

Quanta T41s

```

root@snmp-expoter:~# snmpwalk -v2c -c public -O e 10.2.7.81 1.3.6.1.4.1.7244.1.2.1.3.4.1.3
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.1 = STRING: "Temp_CPU0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.2 = STRING: "Temp_CPU1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.3 = STRING: "Temp_DIMM_AB"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.4 = STRING: "Temp_DIMM_CD"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.5 = STRING: "Temp_DIMM_EF"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.6 = STRING: "Temp_DIMM_GH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.7 = STRING: "Temp_VR_CPU0"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.8 = STRING: "Temp_VR_CPU1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.9 = STRING: "Temp_VR_DIMM_AB"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.10 = STRING: "Temp_VR_DIMM_CD"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.11 = STRING: "Temp_VR_DIMM_EF"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.12 = STRING: "Temp_VR_DIMM_GH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.13 = STRING: "Temp_Ambient_BPO"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.14 = STRING: "Temp_Ambient_BP1"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.15 = STRING: "Temp_Ambient_FP"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.16 = STRING: "Temp_Ambient_PCI"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.17 = STRING: "Temp_Inlet_MB"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.18 = STRING: "Temp_PCH"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.19 = STRING: "Temp_Outlet"
iso.3.6.1.4.1.7244.1.2.1.3.4.1.3.20 = STRING: "Temp_OCP_Mezz"
root@snmp-expoter:~# snmpwalk -v2c -c public -O e 10.2.7.81 1.3.6.1.4.1.7244.1.2.1.3.4.1.4
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.1 = INTEGER: 43
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.2 = INTEGER: 38
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.3 = INTEGER: 34
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.4 = INTEGER: 32
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.5 = INTEGER: 30
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.6 = INTEGER: 30
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.7 = INTEGER: 35
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.8 = INTEGER: 28
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.9 = INTEGER: 32
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.10 = INTEGER: 33
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.11 = INTEGER: 31
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.12 = INTEGER: 30
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.13 = INTEGER: 24
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.14 = INTEGER: 26
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.15 = INTEGER: 25
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.16 = INTEGER: 40
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.17 = INTEGER: 26
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.18 = INTEGER: 42
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.19 = INTEGER: 39
iso.3.6.1.4.1.7244.1.2.1.3.4.1.4.20 = INTEGER: 72

```

● Fan_SYS3_U	7700 RPM	🔗
● Fan_SYS3_1	6500 RPM	🔗
● HSC0 Input	51 Watts	🔗
● Pwr_Node	161 Watts	🔗
● Volt_P3V3	3.291 Volts	🔗
● Volt_P5V	5.034 Volts	🔗
● Volt_P12V	12.06 Volts	🔗
● Volt_P1V05	1.049 Volts	🔗
● Volt_P1V8_AUX	1.813 Volts	🔗
● Volt_P3V3_AUX	3.307 Volts	🔗
● Volt_P5V_AUX	5.009 Volts	🔗
● Volt_P3V_BAT	0.029 Volts	🔗
● Volt_VR_CPU0	1.81 Volts	🔗
● Volt_VR_CPU1	1.81 Volts	🔗
● Volt_VR_DIMM_AB	1.22 Volts	🔗
● Volt_VR_DIMM_CD	1.22 Volts	🔗
● Volt_VR_DIMM_EF	1.22 Volts	🔗
● Volt_VR_DIMM_GH	1.22 Volts	🔗
● PSU1 Input	256 Watts	🔗
● PSU2 Input	312 Watts	🔗
● Node_Position	1	🔗
● Temp_Inlet_MB	26 °C	🔗
● Temp_Ambient_BPO	24 °C	🔗
● Temp_Ambient_BP1	26 °C	🔗
● Airflow	20 CFM	🔗
● Temp_Ambient_FP	26 °C	🔗

Activate Windows
Go to Settings to activate Windows.



Dashboard

Dashboard gives the overall information about the status of the device and remote server.

Device Information

Firmware Revision: 3.77.00
 Firmware Build Time: Feb 22 2019 13:39:06 CST
 BIOS Version: S25_3B12
 PDB Firmware Version: 3.44.00
 PSU1 MFR Revision: 03
 PSU1 Firmware Version: 22.04.11
 PSU2 MFR Revision: 03
 PSU2 Firmware Version: 22.04.11
 Top PSU Max Output Power: 1600 Watts
 Bottom PSU Max Output Power: 1600 Watts
 MB Position: 1
 BMC NIC: Dedicated-NIC
 System MAC
 - 1 : OCP Mezz : 50:6B:4B:0C:0E:F0
 - 2 : OCP Mezz : 50:6B:4B:0C:0E:F1
 BMC Date & Time: Wed, 12 Jun 2024 04:49:02
 BMC Chipset: AST2400

Network Information [\(Edit\)](#)

Host Name: QCT2C600C9955D3
 MAC Address: 2C:60:C9:95:5D:3
 V4 Network Mode: Static
 IP4 Address: 10.2.7.81
 V6 Network Mode: Disable

Sensor Monitoring

Status	Sensor	Reading	
●	Temp_Outlet	40 ° C	🔊
●	Temp_CPU0	43 ° C	🔊
●	Temp_CPU1	38 ° C	🔊
●	Temp_DIMM_AB	34 ° C	🔊
●	Temp_DIMM_CD	32 ° C	🔊
●	Temp_DIMM_EF	30 ° C	🔊
●	Temp_DIMM_GH	30 ° C	🔊
●	Temp_OCP_Mezz	72 ° C	🔊
●	Temp_VR_CPU0	35 ° C	🔊
●	Temp_VR_CPU1	27 ° C	🔊
●	Temp_VR_DIMM_AB	32 ° C	🔊
●	Temp_VR_DIMM_CD	33 ° C	🔊
●	Temp_VR_DIMM_EF	31 ° C	🔊
●	Temp_VR_DIMM_GH	30 ° C	🔊
●	Temp_Ambient_PCI	40 ° C	🔊
●	Temp_PCH	42 ° C	🔊
●	Fan_SYS0_0	7900 RPM	🔊
●	Fan_SYS0_1	6600 RPM	🔊
●	Fan_SYS1_0	7900 RPM	🔊
●	Fan_SYS1_1	6600 RPM	🔊
●	Fan_SYS2_0	7900 RPM	🔊

Event Logs

Activate Windows
Go to Settings to activate Windows.

=====
 Server hyve không có giao thức SNMP trên IPMI để get metrics

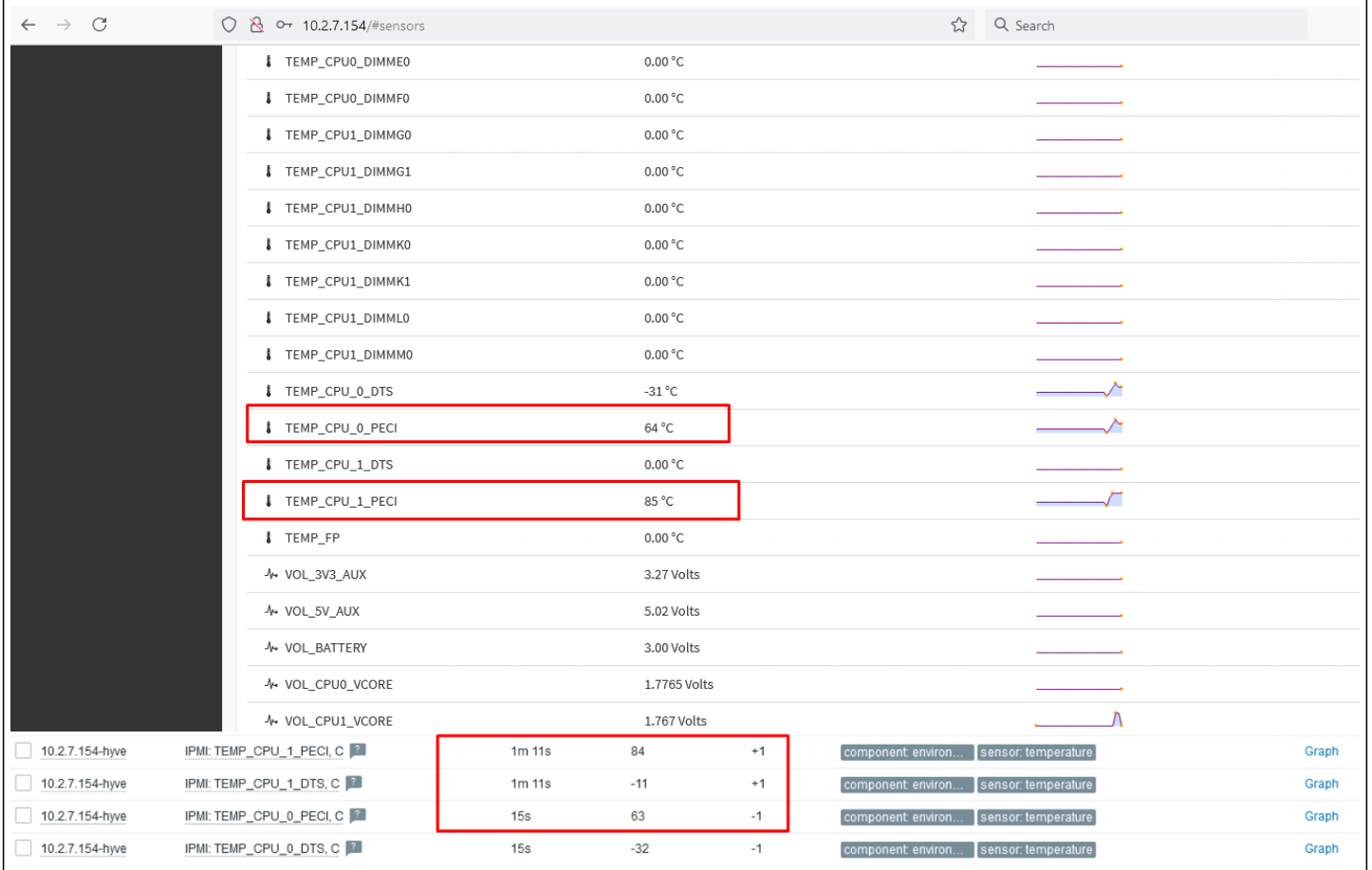
Hosts | **Services**

OS | Host

🖥️ | 10.2.7.131

Nmap Output					
Port	Protocol	State	Service	Version	
22	tcp	open	ssh	OpenSSH 5.5p1 Debian 6+squeeze3 (protocol 2)	
80	tcp	open	http		
427	tcp	open	svrloc		
443	tcp	open	https		
2000	tcp	open	tcpwrapped		
5060	tcp	open	tcpwrapped		
123	udp	open filtered	ntp		
192	udp	open filtered	osu-nms		
427	udp	open	svrloc	Service Location Protocol 2	
623	udp	open	asf-rmcp		
789	udp	open filtered			
1025	udp	open filtered	blackjack		
1031	udp	open filtered	iad2		
1032	udp	open filtered	iad3		
1060	udp	open filtered	polestar		
5060	udp	open filtered	sip		
16545	udp	open filtered			
21644	udp	open filtered			
31681	udp	open filtered			
49185	udp	open filtered			
49215	udp	open filtered			
51554	udp	open filtered			
57958	udp	open filtered			

Get metrics nhiệt độ trên server hyve bằng service ipmi trên zabbix



Lược sử

#1 - 03-06-2024 10:10 - Minh Pham

- Hết hạn gán cho 09-06-2024
- Trạng thái thay đổi từ New tới In Progress
- Bắt đầu thay đổi từ 20-05-2024 tới 03-06-2024

#2 - 10-06-2024 11:24 - Minh Pham

- Tập tin clipboard-202406101122-pmqec.png được thêm
- Tập tin clipboard-202406101123-iotlv.png được thêm
- Mô tả cập nhật

#3 - 10-06-2024 11:29 - Minh Pham

- Mô tả cập nhật

#4 - 10-06-2024 11:29 - Minh Pham

- Hết hạn thay đổi từ 09-06-2024 tới 16-06-2024

#5 - 10-06-2024 11:32 - Minh Pham

- Mô tả cập nhật

#6 - 17-06-2024 09:42 - Minh Pham

- Tập tin clipboard-202406170940-ozze8.png được thêm
- Tập tin clipboard-202406170940-m9bim.png được thêm
- Tập tin clipboard-202406170941-vadvn.png được thêm
- Tập tin clipboard-202406170941-uils0.png được thêm
- Tập tin clipboard-202406170941-xr59e.png được thêm

- Tập tin clipboard-202406170941-j6nnk.png được thêm
- Tập tin clipboard-202406170941-ntyzx.png được thêm
- Tập tin clipboard-202406170941-yrs6m.png được thêm
- Tập tin clipboard-202406170942-qdysf.png được thêm
- Tập tin clipboard-202406170942-ejjxa.png được thêm
- Mô tả cập nhật

#7 - 17-06-2024 09:51 - Minh Pham

- Tập tin clipboard-202406170950-xkggy.png được thêm
- Tập tin clipboard-202406170951-j80ad.png được thêm
- Mô tả cập nhật

#8 - 24-06-2024 11:29 - Minh Pham

- Hết hạn thay đổi từ 16-06-2024 tới 30-06-2024

#9 - 24-06-2024 11:29 - Minh Pham

- Chủ đề thay đổi từ Monitor nhiệt độ server quanta tới Monitor nhiệt độ server quanta và hyve

#10 - 24-06-2024 11:30 - Minh Pham

- Mô tả cập nhật

#11 - 01-07-2024 09:32 - Minh Pham

- Tập tin clipboard-202407010930-sqzey.png được thêm
- Tập tin clipboard-202407010930-tjwuy.png được thêm
- Mô tả cập nhật

#12 - 12-08-2024 08:42 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

Tập tin

Tên tập tin	Kích thước	Ngày	Người gửi
clipboard-202406101122-pmqec.png	42,6 KB	10-06-2024	Minh Pham
clipboard-202406101123-iotlv.png	45 KB	10-06-2024	Minh Pham
clipboard-202406170940-ozze8.png	382 KB	17-06-2024	Minh Pham
clipboard-202406170940-m9bim.png	142 KB	17-06-2024	Minh Pham
clipboard-202406170941-vadvn.png	114 KB	17-06-2024	Minh Pham
clipboard-202406170941-uils0.png	62,1 KB	17-06-2024	Minh Pham
clipboard-202406170941-xr59e.png	293 KB	17-06-2024	Minh Pham
clipboard-202406170941-j6nnk.png	54,6 KB	17-06-2024	Minh Pham
clipboard-202406170941-ntyzx.png	110 KB	17-06-2024	Minh Pham
clipboard-202406170941-yrs6m.png	47,8 KB	17-06-2024	Minh Pham
clipboard-202406170942-qdysf.png	106 KB	17-06-2024	Minh Pham
clipboard-202406170942-ejjxa.png	71,9 KB	17-06-2024	Minh Pham
clipboard-202406170950-xkggy.png	48,6 KB	17-06-2024	Minh Pham
clipboard-202406170951-j80ad.png	59 KB	17-06-2024	Minh Pham
clipboard-202407010930-sqzey.png	41 KB	01-07-2024	Minh Pham
clipboard-202407010930-tjwuy.png	56,5 KB	01-07-2024	Minh Pham