คำสั่ง CLI สำหรับ GPON BDCOM GP3600

1. Save Configuration

 # write all

2. Power Supply Status

 # show power

POWER_NUMBER	STATUS
1	on
2	down

3. FAN Status

show fan

FAN_NUMBER	STATUS
1	running
2	running
3	running

4.Temperature

show temperature

upper temperature threshold is 75 degree

low temperature threshold is -15 degree

current temperature is 36 degree

Status:Normal

5. GPON Display

#show gpon optical-transceiver-diagnosis

```
Switch#show gpon optical-transceiver-diagnosis
 interface   Temperature(degree)   Voltage(V)   Current(mA)   TxPower(dBm)
----------   -------------------   ----------   -----------   ------------
 gpon0/1     23.9                  3.3          8.6           4.1
```

6. การ add vlan บน Port

#config

#interface GPON0/1:1

gpon onu uni 1 vlan-profile vlan144 ← (กรณี add เป็น vlan 144 อ้างอิงตามชื่อ Profile คือ vlan144)

7. ONU Display

#show gpon interface gpon 0/1:1 onu basic-info

```
show gpon interface gpon 0/1:1 onu basic-info
Serial number                FHTT:1014B408 (464854541014B408)
Vendor id                    FHTT (46485454)
Version                      HX-2.134.318A8 (48582D322E3133342E3331384138)
Traffic management option    Priority and rate (2)
Battery backup               Disable monitoring (0)
Admin state                  Unlock (1)
Operational state            Enabled (1)

Equipment id                 AN5506-01-A
OMCC version                 ITU-T G.988 Amd.1 (2011)(Baseline only)
Vendor product code          785
Security capability          AES-128 (1)
Security mode                AES-128 (1)
Total priority queue number  248
Total traffic scheduler number 8
Total GEM port number        80
Total ethernet uni number    1
Total VEIP number            0
Image #0 version             RP0509       (5250303530390000000000000000)
Image #0 status              valid/active/committed
Image #1 version             8P0508       (3850303530380000000000000000)
Image #1 status              valid/inactive/uncommitted
Piggyback DBA reporting      Mode 0 only (0)
Whole ONU DBA reporting      Not supported (0)
Distance                     179.5 m
Image update state           None(0)
Operator ID                  CTC
CTC SpecVersion              0
Onu Type                     0
TxPowerControl               1
PreDeactive reason           None(0)
Onu Config                   Success
```

8.Show ONU Power

show gpon interface gpon 0/1:1 onu optical-transceiver-diagnosis

```
Switch#show gpon interface gPON 0/1:3 onu optical-transceiver-diagnosis
 interface    Temperature(degree)    Voltage(V)    Current(mA)    RxPower(dBm)
  TxPower(dBm)
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  -------------
 gpon0/1:3    39.4                   3.3           16.8           -22.4
  2.8
```

9. Show สถานะ Port Lan ONU

#show gpon interface gpon 0/1:2 onu port 1 state

```
OLT #show gpon interface gpon 0/1:2 onu port 1 state
    GPON0/1:2    uni-port 1    up    ←-สถานะระหว่าง Lan ONU กับ Router
```

10. การ Reset Port Lan ONU

#interface gpon 0/1:1 ←--เข้าไปภายใต้ ONU ที่จะ Reset

#gpon onu uni 1 noshutdown

11. การ Reboot ONU

#gpon reboot onu interface gpon0/1:1

Are you sure to reboot the ONU (y/n)? y