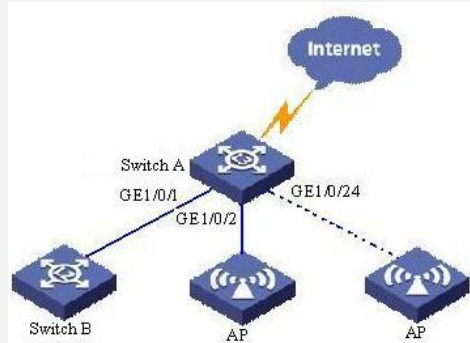# The configuration of POE on S5600 switches

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The configuration of POE on S5600 switches

I   Requirement for the diagram

1.Port GigabitEthernet1/0/1 of Switch A connect to Switch B, Port GigabitEthernet1/0/2 of Switch A connect to AP. Port GigabitEthernet1/0/24 will connect to an important AP;

2. All AP need max power is 2500 milliwatt ,power of Switch B is 12000 milliwatt;

3. when Switch A work under max load,the AP which port GigabitEthernet1/0/24 of Switch A connect to should be higher priority than any other AP.

II   Network topology

III   Steps of configuration

1. enable poe function of port GigabitEthernet1/0/1、GigabitEthernet1/0/2and GigabitEthernet1/0/24

[Switch] interface GigabitEthernet 1/0/1

[Switch-GigabitEthernet1/0/1] poe enable

[Switch-GigabitEthernet1/0/1] quit

[Switch] interface GigabitEthernet 1/0/2

[Switch-GigabitEthernet1/0/2] poe enable

[Switch-GigabitEthernet1/0/2] quit

[Switch] interface GigabitEthernet 1/0/24

[Switch-GigabitEthernet1/0/24] poe enable

[Switch-GigabitEthernet1/0/24] quit

2. Set the max power of GigabitEthernet1/0/1 is 12000 milliwatt, Set the max power of GigabitEthernet1/0/2 is 2500 milliwatt

[Switch] interface GigabitEthernet 1/0/1

[Switch-GigabitEthernet1/0/1] poe max-power 12000

[Switch-GigabitEthernet1/0/1] quit

[Switch] interface GigabitEthernet 1/0/2

[Switch-GigabitEthernet1/0/2] poe max-power 2500

[Switch-GigabitEthernet1/0/2] quit

3. Set priority of port GigabitEthernet1/0/24 is critical, to make sure port GigabitEthernet1/0/24 should power supply at the first place.

[Switch] interface GigabitEthernet 1/0/24

[Switch-GigabitEthernet1/0/24] poe priority critical

[Switch-GigabitEthernet1/0/24] quit

4. Set mode of power supply management is auto

[Switch] poe power-management auto

5. Enable compatibility detection to power supply to some PD fall short of 802.3af

[Switch] poe legacy enable

IV   Key notes in the configuration

None.