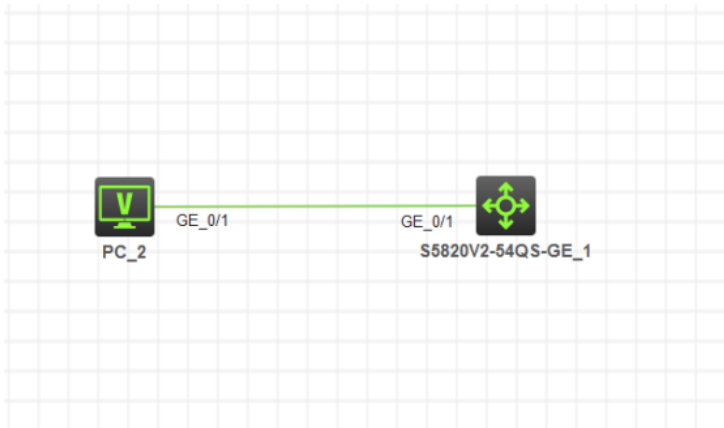


组网及说明



组网说明:

本案例采用H3C HCL模拟器的S5820交换机来模拟QoS流量统计的典型组网配置。要求在S5820上开启QoS流量统计，对Gi1/0/1端口的进出流量进行统计。

配置步骤

- 1、配置基础网络。
- 2、创建ACL，用于策略的匹配
- 3、配置QoS类，绑定ACL
- 4、配置QoS行为，开启流量统计
- 5、创建QoS策略，绑定行为和类
- 6、应用QoS到Gi1/0/1端口

配置关键点

```
<H3C>sys
System View: return to User View with Ctrl+Z.
[H3C]sysname SW1
[SW1]vlan 10
[SW1-vlan10]quit
[SW1]int vlan 10
[SW1-Vlan-interface10]ip address 192.168.1.1 24
[SW1-Vlan-interface10]quit
[SW1]int gi 1/0/1
[SW1-GigabitEthernet1/0/1]port link-type access
[SW1-GigabitEthernet1/0/1]port access vlan 10
[SW1-GigabitEthernet1/0/1]quit
```

QoS流量统计关键配置点:

```
[SW1]acl basic 2000
[SW1-acl-ipv4-basic-2000]rule 0 permit source any
[SW1-acl-ipv4-basic-2000]quit
[SW1]traffic classifier 1
[SW1-classifier-1]if-match acl 2000
[SW1-classifier-1]quit
[SW1]traffic behavior 1
[SW1-behavior-1]accounting byte
[SW1-behavior-1]quit
[SW1]qos policy 1
[SW1-qospolicy-1]classifier 1 behavior 1
[SW1-qospolicy-1]quit
[SW1]int gi 1/0/1
[SW1-GigabitEthernet1/0/1]qos apply policy 1 inbound
[SW1-GigabitEthernet1/0/1]qos apply policy 1 outbound
```

[SW1-GigabitEthernet1/0/1]quit

查看QOS统计情况:

```
[SW1]dis qos policy interface GigabitEthernet 1/0/1
Interface: GigabitEthernet1/0/1
Direction: Inbound
Policy: 1
Classifier: 1
Operator: AND
Rule(s) :
If-match acl 2000
Behavior: 1
Accounting enable:
0 (Bytes)

Interface: GigabitEthernet1/0/1
Direction: Outbound
Policy: 1
Classifier: 1
Operator: AND
Rule(s) :
If-match acl 2000
Behavior: 1
Accounting enable:
0 (Bytes)

[SW1]
```

查看QOS显示信息:

```
[SW1]dis qos policy user-defined

User-defined QoS policy information:

Policy: 1 (ID 100)
Classifier: 1 (ID 0)
Behavior: 1
Accounting enable: Byte

[SW1]
```

如果要清空QOS统计信息, 需要使用如下命令:

<SW1>reset counters interface GigabitEthernet 1/0/1

至此, S5820 QOS流量统计典型组网配置案例1 (字节数统计) 已完成!