

组网及说明

1 配置需求或说明

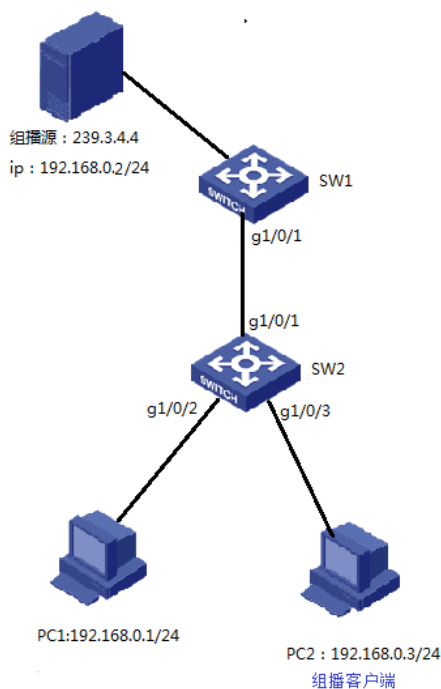
1.1 适用产品系列

本案例适用于如S5024PV3-EI-HPWR、S5048PV3-EI、S5120V2-52P-LI、S5120V2-28P-SI、S5130-52S-EI、S5130S-28S-EI、S5150X-16ST-EI等S5000PV3、S5120V2、S5130、S5150系列的交换机。

1.2 配置需求

公司内部部署了一台组播源，为保证终端能正常接收组播源传输的业务，需在所经交换机上开启组播功能。

2 组网图



配置步骤

3 配置步骤

3.1 进入SW1的命令行，全局下开启IGMP Snooping功能

```
system -view
System View: return to User View with Ctrl+Z..
[H3C] igmp-snooping
[H3C-igmp-snooping] quit
```

3.2 VLAN 1内使能IGMP Snooping，并使能IGMP Snooping查询器

```
[H3C]vlan 1
[H3C-vlan1]igmp-snooping enable
[H3C-vlan1]igmp-snooping querier
```

3.3 保存配置

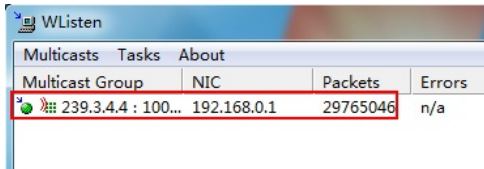
```
[H3C]save force
```

3.4 进入SW2的命令行，全局和VLAN1下都开启IGMP Snooping功能

```
system-view
System View: return to User View with Ctrl+Z.
[H3C] igmp-snooping
[H3C]vlan 1
[H3C-vlan1]igmp-snooping enable
```

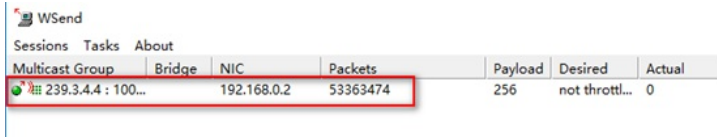
3.5 检查配置结果

组播接收方:



Multicast Group	NIC	Packets	Errors
239.3.4.4 : 100...	192.168.0.1	29765046	n/a

组播源:



Multicast Group	Bridge	NIC	Packets	Payload	Desired	Actual
239.3.4.4 : 100...		192.168.0.2	53363474	256	not thrott...	0

接收侧交换机SW2的信息:

查看igmp-snooping组的信息:

```
dis igmp-snooping group verbose
```

Total 2 entries.

VLAN 1: Total 2 entries.

(0.0.0.0, 239.3.4.4) //组播组地址

Attribute: local port

FSM information: normal

Host slots (0 in total):

Host ports (1 in total):

GE1/0/3 (00:03:34) //主机端口, 连接Pc2的端口

(0.0.0.0, 239.255.255.250)

Attribute: local port

FSM information: normal

Host slots (0 in total):

Host ports (1 in total):

GE1/0/3 (00:03:29)

配置关键点