

## 组网及说明

### 1 配置需求或说明

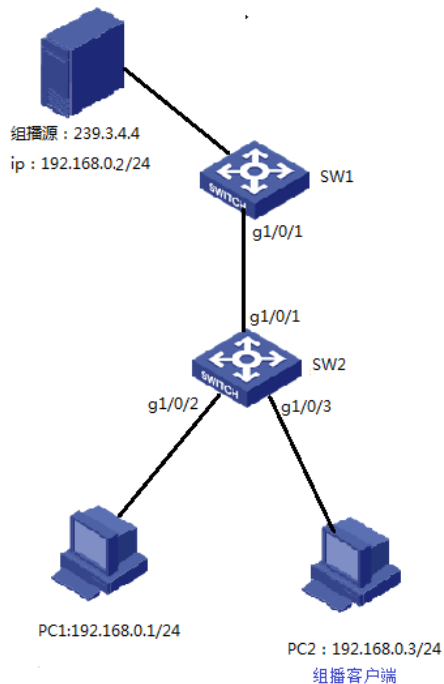
#### 1.1 适用产品系列

本案例适用于如S5500V2-34S-EI、S5500V2-28F-SI、S5530F-EI-D、S5560-54C-EI、S5560X-54C-P、WR-EI、S5820V2-52Q、S5820V2-52QF-H3等S5500V2、S55X0、S58X0V2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

```
<H3C>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

```
<H3C>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：

WListen			
Multicasts		Tasks	About
Multicast Group	NIC	Packets	Errors
239.3.4.4 : 100...	192.168.0.1	29765046	n/a

组播源:

WSend						
Sessions		Tasks	About			
Multicast Group	Bridge	NIC	Packets	Payload	Desired	Actual
239.3.4.4 : 100...		192.168.0.2	53363474	256	not throttl...	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