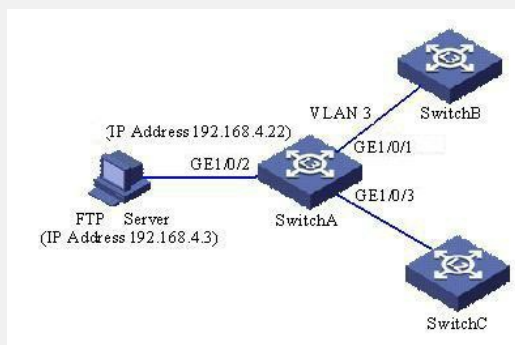


S5600系列交换机集群管理的配置

一、组网需求：

1. 设备三层管理接口为Vlan-interface2;
2. 集群管理VLAN为VLAN 3;
3. FTP服务器IP地址为192.168.4.3;
4. SwitchA为集群管理命令交换机;

二、组网图：



三、配置步骤：

SwitchA的配置：

1. 进入系统视图，配置管理VLAN为VLAN 3
[Switch] system-view
[Switch] management-vlan 3
2. 将端口GigabitEthernet 1/0/1加入VLAN 3
[Switch] vlan 3
[Switch-vlan3] port GigabitEthernet 1/0/1
[Switch-vlan3] quit
3. 配置Vlan-interface 3地址为192.168.5.30
[Switch] interface Vlan-interface 3
[Switch-Vlan-interface3] ip address 192.168.5.30 255.255.255.0
[Switch-Vlan-interface3] quit
4. 将端口GigabitEthernet 1/0/2加入VLAN 2
[Switch] vlan 2
[Switch-vlan2] port GigabitEthernet 1/0/2
[Switch-vlan2] quit
5. 配置Vlan-interface2地址为192.168.4.22
[Switch] interface Vlan-interface 2
[Switch-Vlan-interface2] ip address 192.168.4.22 255.255.255.0
[Switch-Vlan-interface2] quit
6. 使能系统和端口的ndp、ntdp功能
[Switch] ndp enable
[Switch] ntdp enable
[Switch] interface GigabitEthernet 1/0/1
[Switch-GigabitEthernet1/0/1] ndp enable
[Switch-GigabitEthernet1/0/1] ntdp enable
[Switch] interface GigabitEthernet 1/0/3
[Switch-GigabitEthernet1/0/3] ndp enable
[Switch-GigabitEthernet1/0/3] ntdp enable
7. 启动集群功能
[Switch] cluster enable
8. 进入集群视图
[Switch] cluster
9. 配置Vlan-interface2为网管接口
[Switch-cluster] nm-interface Vlan-interface 2
10. 配置集群内部使用的IP地址池，起始地址为172.16.0.1，有8个地址
[Switch-cluster] ip-pool 172.16.0.1 255.255.255.248

11. 配置集群名字，建立集群

```
[Switch-cluster] build aaa
```

12. 建立自动集群

```
[aaa_0.Switch-cluster] auto-build
```

13. 配置集群内部公用的FTP Server

```
[aaa_0.Quidway-cluster] ftp-server 192.168.4.3
```

SwitchB的配置：

1. 使能系统和端口的ndp、ntdp功能

```
[Switch] ndp enable
```

```
[Switch] ntdp enable
```

```
[Switch] interface GigabitEthernet 1/0/1
```

```
[Switch-GigabitEthernet1/0/1] ndp enable
```

```
[Switch-GigabitEthernet1/0/1] ntdp enable
```

2. 启动集群功能

```
[Switch] cluster enable
```

SwitchC的配置：

1. 使能系统和端口的ndp、ntdp功能

```
[Switch] ndp enable
```

```
[Switch] ntdp enable
```

```
[Switch] interface GigabitEthernet 1/0/3
```

```
[Switch-GigabitEthernet1/0/3] ndp enable
```

```
[Switch-GigabitEthernet1/0/3] ntdp enable
```

2. 启动集群功能

```
[Switch] cluster enable
```

四、配置关键点：

集群成功以后，SwitchA上将自动下发两条number为3998和3999的ACL，SwitchB、SwitchC与SwitchA相连的端口类型自动变化为hybrid端口，并且其管理vlan将自动变化为与SwitchA相同的管理vlan。