

组网及说明

1 配置需求或说明

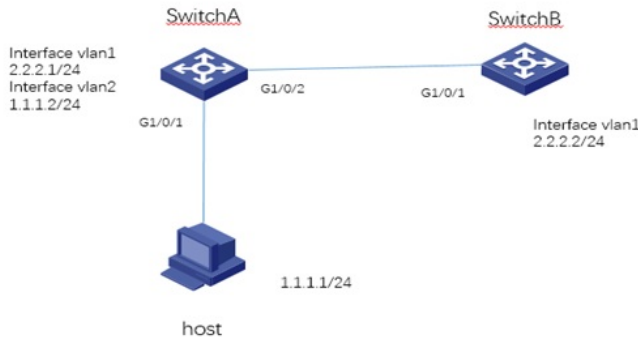
1.1 适用产品系列

本案例适用于如S5500-20TP-SI、S5500-52C-EI、S5500-52C-PWR-EI、S5500-34C-HI、S5800-32C-EI、S5800-32F、S5800-60C-PWR、S5830-106S等S5500、S5800、S5830系列的交换机。

1.2 配置需求及实现的效果

HOST主机1.1.1.1跨网段访问Switch B 2.2.2.2的 WEB界面。

2 组网图



配置步骤

3 配置步骤

3.1 配置SwitchA

#进入系统视图

```
<H3C>system-view
```

#配置将G1/0/2接口划分到VLAN 2

```
[H3C]vlan 2
```

```
[H3C-vlan2]port GigabitEthernet 1/0/1
```

```
[H3C-vlan2]quit
```

#配置VLAN1、VLAN2虚接口地址

```
[H3C]interface vlan 1
```

```
[H3C-Vlan-interface2]ip address 2.2.2.1 24
```

```
[H3C-Vlan-interface2]quit
```

```
[H3C]interface vlan 2
```

```
[H3C-Vlan-interface1]ip address 1.1.1.2 24
```

```
[H3C-Vlan-interface1]quit
```

#保存配置

```
[H3C]save force
```

3.2 配置SwitchB

#进入系统视图

```
<H3C>system-view
```

#配置交换机的管理地址:

```
[H3C] interface vlan-interface 1
```

```
[H3C-VLAN-interface1] ip address 2.2.2.2 255.255.255.0
```

```
[H3C-VLAN-interface1] quit
```

#配置回程路由

```
[H3C]ip route-static 1.1.1.0 255.255.255.0 2.2.2.1
```

#保存配置

```
[H3C]save force
```

3.3 配置HOST

HOST主机IP地址1.1.1.1,掩码255.255.255.0, 网关1.1.1.2

3.4 登录设备

配置完成后host主机1.1.1.1就可以ping通SwitchB 2.2.2.2, 如果host主机1.1.1.1需要登录SwitchB 2.2.2.2的管理界面, 前提是SwitchB的管理界面已经开启, 如果未开启可以参照轻轻松松配交换的2.1.1章节“V5交换机WEB登录设备方法”配置, 开启WEB登录后即可通过<http://2.2.2.2>管理SwitchB。

4 S1800G系列交换机配置

4.1 修改虚接口地址

默认情况下，S1800G管理地址为 192.168.0.233/24。需修改为 2.2.2.2/24

(1) 在导航栏中选择“网络 > VLAN虚接口”。

(2) 单击“修改”页签，进入VLAN虚接口的修改页面，如下图所示。

The screenshot shows the configuration page for a VLAN virtual interface. At the top, there are tabs for '显示' (Display), '创建' (Create), '修改' (Modify), and '删除' (Delete). Below the tabs, there is a dropdown menu to select the VLAN virtual interface, currently set to '1'. The main area is divided into two panels: '修改IPv4地址' (Modify IPv4 Address) and '修改IPv6地址' (Modify IPv6 Address). The IPv4 panel has radio buttons for 'DHCP', 'BOOTP', and '手工' (Manual), with '手工' selected. It shows the IP address '192.168.0.233' and the subnet mask '255.255.255.0'. The configuration status is set to 'Up'. The IPv6 panel has radio buttons for '自动' (Automatic) and '手工' (Manual), with '自动' selected. It shows the IPv6 address 'FE80::200:20FF:FE13:1524'. Below this, there is a section for '添加IPv6单播地址' (Add IPv6 Unicast Address) with a dropdown set to '64' and a checkbox for 'EUI64编码' (EUI64 Encoding). The IPv6 address field shows '10-10-10:10/64'. Both panels have an '应用' (Apply) button.

4.2 设置缺省路由

指定Vlan-interface1的IP地址为2.2.2.2/24，缺省网关为192.168.0.1。

```
<h3c> ipsetup ip-address 2.2.2.2 24 default-gateway 2.2.2.1
```

4.3 登录设备

默认情况下，S1800G系列交换机开启了http 功能

此时打开浏览器，地址栏输入交换机的管理地址即可登录WEB界面。在“WEB用户登录”对话框中输入用户名、密码及验证码，点击<登录>按钮后即可登录，显示WEB初始页面。成功登录后，用户可以在配置区对设备进行相关配置。

配置关键点