

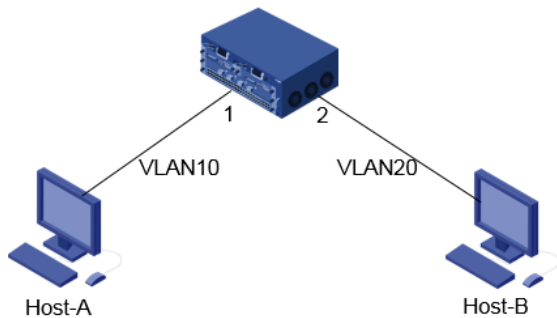
组网及说明

1. 配置需求或说明

1.1 适用产品系列

本案例适用于如：HP 3500-24G/48G-PoE+ yl Switch、Aruba 3800 24SFP 2SFP+ Switch、Aruba 3810M 24G/48G(PoE+)1-slot Switch、Aruba 3810M 16SFP+/24SFP+ 250W 2-slot Switch、Aruba 3810M 40G 8 HPE Smart Rate PoE+ 1-slot Switch、Aruba 3810M 48G PoE+ 4SFP+ 680W/1050W Switch等系列的交换机。

1.2 组网图



1.3 说明

交换机作为DHCP服务器，为终端PC分配IP地址

对VLAN 10分配192.168.10.0/24网段地址，网关地址：192.168.10.1，DNS：114.114.114.114

对VLAN 20分配192.168.20.0/24网段地址，网关地址：192.168.20.1，DNS：114.114.114.114

配置步骤

1. 配置步骤

1.1 配置VLAN、IP信息

#进入全局模式

```
ProCurve#config
```

#配置VLAN信息，将1端口划入VLAN 10，将2端口划入VLAN 20

```
ProCurve(config)#vlan 10 untagged 1
```

```
ProCurve(config)#vlan 20 untagged 2
```

#配置VLAN IP，并作为对应终端的网关地址

```
ProCurve(config)#vlan 10
```

```
ProCurve(vlan-10)#ip address 192.168.10.1 255.255.255.0
```

```
ProCurve(vlan-10)#exit
```

```
ProCurve(config)#vlan 20
```

```
ProCurve(vlan-20)#ip address 192.168.20.1 255.255.255.0
```

```
ProCurve(vlan-20)#exit
```

1.2 配置DHCP服务

#全局开启DHCP服务

```
ProCurve(config)#dhcp-server enable
```

#配置DHCP地址池10，自动分配192.168.10.0/24网段，范围：192.168.10.11-192.168.10.254

```
ProCurve(config)#dhcp-server pool 10
```

```
ProCurve(10)#network 192.168.10.0 255.255.255.0
```

```
ProCurve(10)#range 192.168.10.11 192.168.10.254
```

```
ProCurve(10)#default-router 192.168.10.1
```

```
ProCurve(10)#dns-server 114.114.114.114
```

```
ProCurve(10)#exit
```

#配置DHCP地址池20，自动分配192.168.20.0/24网段，范围：192.168.20.11-192.168.20.254

```
ProCurve(config)#dhcp-server pool 20
```

```
ProCurve(20)#network 192.168.20.0 255.255.255.0
ProCurve(20)#range 192.168.20.11 192.168.20.254
ProCurve(20)#default-router 192.168.20.1
ProCurve(20)#dns-server 114.114.114.114
ProCurve(20)#exit
```

#开启VLAN 10 & VLAN 20的DHCP服务

```
ProCurve(config)#vlan 10 dhcp-server
ProCurve(config)#vlan 20 dhcp-server
```

2. 保存配置

```
ProCurve(config)#write memory
```

配置关键点

DHCP服务需要全局和VLAN下同时开启才会生效。