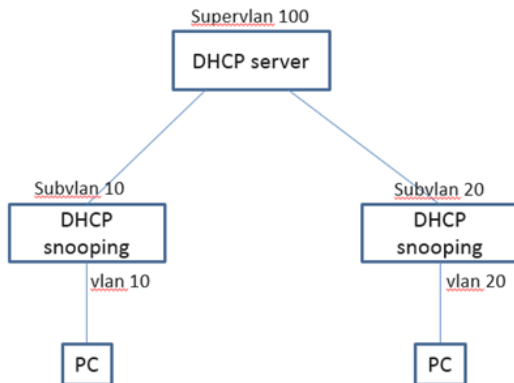


组网及说明



图中对设备型号无特殊要求，但要求DHCP功能支持option 82属性

配置步骤

1、下行设备关键配置

dhcp snooping enable

上行接口配置

```
interface GigabitEthernet2/0/1
port link-mode bridge
port access vlan 10
dhcp snooping trust
dhcp snooping binding record
```

下行接口配置

```
interface GigabitEthernet2/0/3
port link-mode bridge
port access vlan 10
dhcp snooping binding record
dhcp snooping information enable
```

2、DHCP server关键配置

```
vlan 100
supervlan
subvlan 10 20
#
dhcp enable
#
dhcp class 1
if-match rule 1 option 82 hex 000a offset 4 length 2 //000a代表16进制的10
#
dhcp class 2
if-match rule 1 option 82 hex 0014 offset 4 length 2 //0014代表16进制的20
#
interface Vlan-interface100
ip address 192.168.100.254 255.255.0.0
#
dhcp server ip-pool test
gateway-list 192.168.100.254
network 192.168.0.0 mask 255.255.0.0
class 1 range 192.168.10.1 192.168.10.253
class 2 range 192.168.20.1 192.168.20.253
dns-list 114.114.114.114
```

配置关键点

1、下行设备需要支持dhcp snooping功能以及dhcp snooping information enable（启用DHCP Snooping支持Option 82功能，只是为了可以在option 82选项中将vlan号携带上去）

2、注意网关掩码配置。