

R1

enable
configure terminal

interface gigabitEthernet 1/0

ip address 192.168.99.1 255.255.255.0

no shutdown
exit

ip dhcp excluded-address 192.168.99.1 192.168.99.10

ip dhcp pool LAN

network 192.168.99.0 255.255.255.0

default-router 192.168.99.1

dns-server 8.8.8.8

exit

end

write memory

S1

enable

configure terminal

interface ethernet 1/0

switchport mode access

switchport access vlan 1

no shutdown

exit

interface ethernet 0/0

switchport mode access

switchport access vlan 1

no shutdown

exit

end

write memory

PC1:

```
ip dhcp  
show ip
```

PC2:

```
ip dhcp  
show ip
```