**Step1**

ipconfig /all

ping 172.16.1.1

ping 209.165.201.2

ping 172.16.1.4

ping 172.16.2.3

ping 172.16.2.4

ssh -l Admin01 172.16.1.1

password: cisco12345

show ip interface brief

config terminal

int g0/1

ip add 172.16.2.1 255.255.255.0

end

exit

ping 172.16.2.3

ping 172.16.2.4

ping 172.16.1.1

ping 172.16.2.1

**Step2**

ping 172.16.1.3

ping 172.16.2.3

ping 172.16.1.3

ping 172.16.2.4

**Step3**

ping 209.165.201.2

ping 172.16.2.1

ping 172.16.2.4

ping 172.16.1.3

ping 172.16.1.4

**Step4**

ping 209.165.201.2

ping 172.16.2.1

ping 172.16.2.3

ping 172.16.1.3

ping 172.16.1.4