**STEP-1: Connectivity Issues From PC-01**PC-01 -> Command Prompt ->  
C:\>ipconfig  
C:\>ping 172.16.1.1   
C:\>ping 209.165.201.2  
C:\>ping 172.16.1.4  
C:\>ping 172.16.2.3  
C:\>ping 172.16.2.4  
PC-01 -> Desktop -> Web Browser  
<http://www.cisco.pka>   
<http://209.165.201.2>  
**Updated Solution for PC-01:**PC-01 -> IP Configuration -> 172.16.1.3

**STEP-2: Connectivity Issues From PC-02**PC-02 -> Command Prompt ->  
C:\>ipconfig  
C:\>ping 172.16.1.1  
C:\>ping 209.165.201.2  
C:\>ping 172.16.1.3  
C:\>ping 172.16.2.3  
C:\>ping 172.16.2.4  
PC-02 -> Desktop -> Web Browser  
<http://www.cisco.pka>   
<http://209.165.201.2>  
**Updated Solution for PC-02:**PC-02 -> IP Configuration -> Default gateway: 172.16.1.1

**STEP-3: Connectivity Issues From PC-A**PC-A -> Command Prompt ->  
C:\>ipconfig  
C:\>ping 209.165.201.2  
C:\>ping 172.16.2.1  
C:\>ping 172.16.2.4  
C:\>ping 172.16.1.3  
C:\>ping 172.16.1.4  
PC-A -> Desktop -> Web Browser  
<http://www.cisco.pka>   
<http://209.165.201.2>  
**Updated Solution for PC-A:**PC-01 -> Command Prompt ->  
C:\>SSH –l admin01 172.16.1.1  
Password: cisco12345  
R1# show ip interface brief  
R1# conf t  
R1(config)# interface g0/1  
R1(config-if)# ip address 172.16.2.1 255.255.255.0  
R1(config-if)# no shutdown  
R1(config-if)# exit  
R1(config)# exit  
R1# exit

**STEP-3: Connectivity Issues From PC-B**PC-B -> Command Prompt ->  
C:\>ipconfig  
C:\>ping 209.165.201.2  
C:\>ping 172.16.2.1  
C:\>ping 172.16.2.3  
C:\>ping 172.16.1.3  
C:\>ping 172.16.1.4  
PC-B -> Desktop -> Web Browser  
<http://www.cisco.pka>   
<http://209.165.201.2>