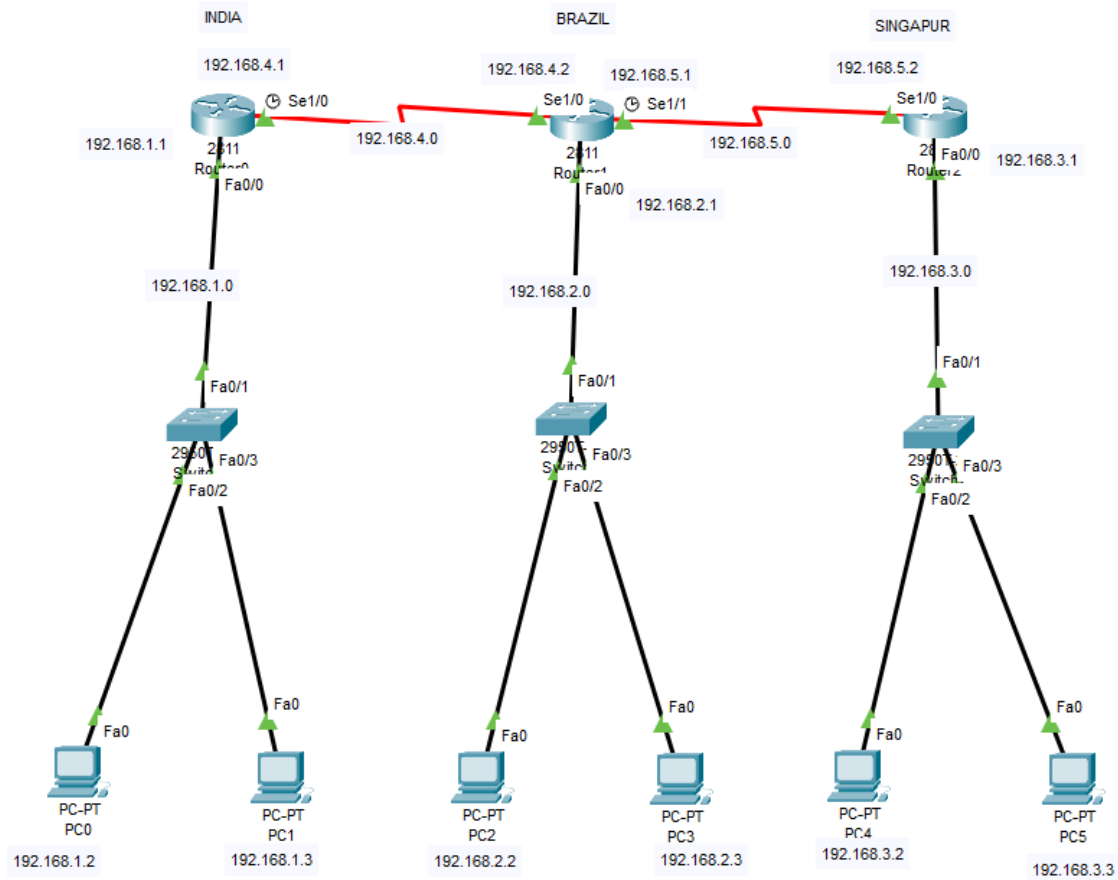


STATIC ROUTING



For Router 0

```
Router#conf t
Router(config)#int se1/0
Router(config-if)#ip address 192.168.4.1 255.255.255.0
Router(config-if)#no shut
```

```
Router(config-if)#int f0/0
Router(config-if)#ip add
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#no shut
```

For Router 1

```
Router(config)#int se 1/0
Router(config-if)#ip address 192.168.4.2 255.255.255.0
Router(config-if)#no shut
```

```
Router(config-if)#int se 1/1
Router(config-if)#ip address 192.168.5.1 255.255.255.0
Router(config-if)#no shut
```

```
Router(config-if)#int f0/0
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#no shut
```

For Router 2

```
Router(config)#int se1/0
Router(config-if)#ip add
Router(config-if)#ip address 192.168.5.2 255.255.255.0
Router(config-if)#no shut
```

```
Router(config-if)#int f0/0
Router(config-if)#ip add
Router(config-if)#ip address 192.168.3.1 255.255.255.0
Router(config-if)#no shut
```

To configure for sending packets to router 1 and router 2

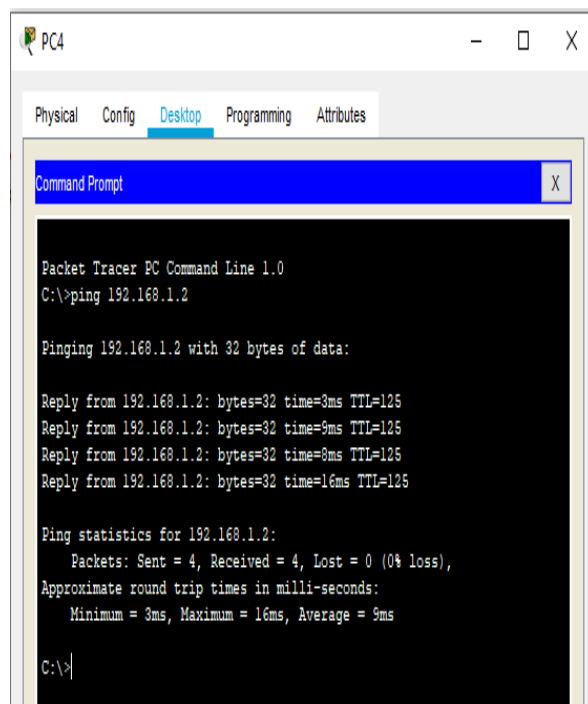
```
Router(config)#ip route 192.168.2.0 255.255.255.0 192.168.4.2
Router(config)#ip route 192.168.5.0 255.255.255.0 192.168.4.2
Router(config)#ip route 192.168.3.0 255.255.255.0 192.168.5.2
Router(config)#do wr
```

To configure for sending packets to router 0 and router 2

```
Router(config)#ip route 192.168.1.0 255.255.255.0 192.168.4.1
Router(config)#ip route 192.168.3.0 255.255.255.0 192.168.5.2
Router(config)#do wr
```

To configure for sending packets to router 0 and router 1

```
Router(config)#ip route 192.168.2.0 255.255.255.0 192.168.5.1
Router(config)#ip route 192.168.1.0 255.255.255.0 192.168.4.1
Router(config)#ip route 192.168.4.0 255.255.255.0 192.168.5.1
Router(config)#do wr
```

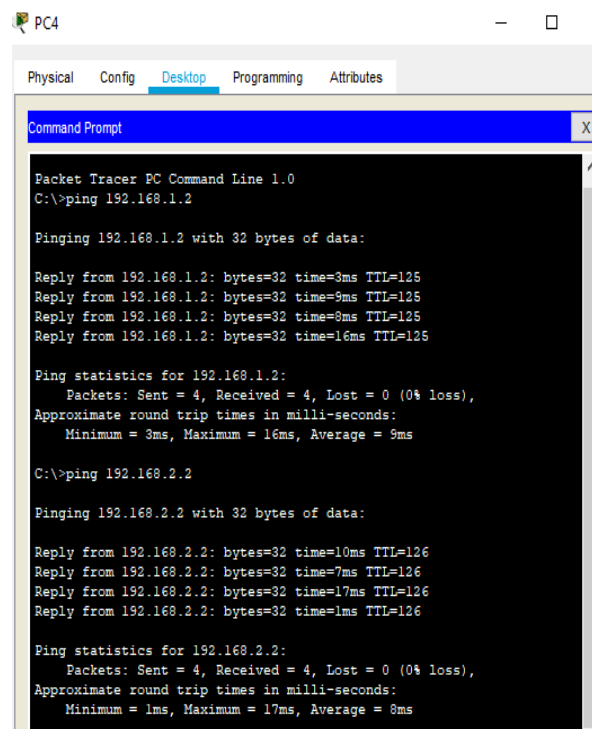


```
PC4
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time=3ms TTL=125
Reply from 192.168.1.2: bytes=32 time=9ms TTL=125
Reply from 192.168.1.2: bytes=32 time=8ms TTL=125
Reply from 192.168.1.2: bytes=32 time=16ms TTL=125

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 16ms, Average = 9ms
C:\>
```



```
PC4
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time=3ms TTL=125
Reply from 192.168.1.2: bytes=32 time=9ms TTL=125
Reply from 192.168.1.2: bytes=32 time=8ms TTL=125
Reply from 192.168.1.2: bytes=32 time=16ms TTL=125

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 16ms, Average = 9ms
C:\>ping 192.168.2.2

Pinging 192.168.2.2 with 32 bytes of data:

Reply from 192.168.2.2: bytes=32 time=10ms TTL=126
Reply from 192.168.2.2: bytes=32 time=7ms TTL=126
Reply from 192.168.2.2: bytes=32 time=17ms TTL=126
Reply from 192.168.2.2: bytes=32 time=1ms TTL=126

Ping statistics for 192.168.2.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 17ms, Average = 8ms
```