Nama: Angieta Putri Wahendra

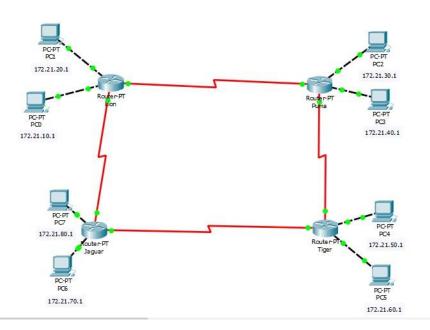
NIM : L200170096

Kelas: C

Modul: 7

Tugas

1. Rancangan Jaringan



2. Melakukan konfigurasi ip router

a. Lion

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config)#if)#ip address 172.21.10.10 255.255.255.0
Router(config)#if)#int fa 1/0
Router(config)#if)#int fa 1/0
Router(config)#if)#int fa 1/0
Router(config)#if)#int se 2/0
Router(config)#if)#if selock rate 2000000
Router(config)#if)#int se 3/0
Router(config)#if)#int se 3/0
Router(config)#if selock rate 2000000
```

b. Puma

```
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #inf fs 0/0
Router(config) #inf fs 0/0
Router(config-if) #in address 172.21.30.30 255.255.255.0
Router(config-if) #inf fs 1/0
Router(config-if) #inf fs 1/0
Router(config-if) #in paddress 172.21.40.40 255.255.255.0
Router(config-if) #inf se 2/0
Router(config-if) #inf se 2/0
Router(config-if) #inf se 3/0
```

c. Tiger

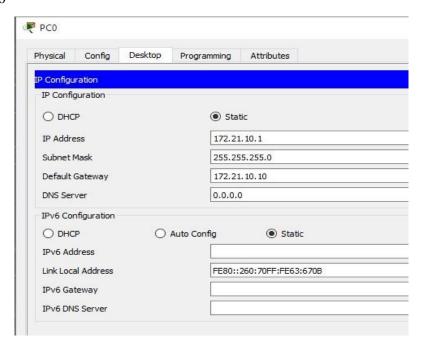
```
Router>enable
Router$conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)*int fa 0/0
Router(config)*int fa 0/0
Router(config)*int fa 0/0
Router(config-if)*int so shutdown
Router(config-if)*int fa 1/0
Router(config-if)*in address 172.21.60.60 255.255.255.0
Router(config-if)*int so shutdown
Router(config-if)*int so shutdown
Router(config-if)*int so 2/0
Router(config-if)*int so 2/0
Router(config-if)*in address 172.21.4.1 255.255.255.0
Router(config-if)*in shutdown
Router(config-if)*int so 3/0
Router(config-if)*int so 3/0
Router(config-if)*int so shutdown
```

d. Jaguar

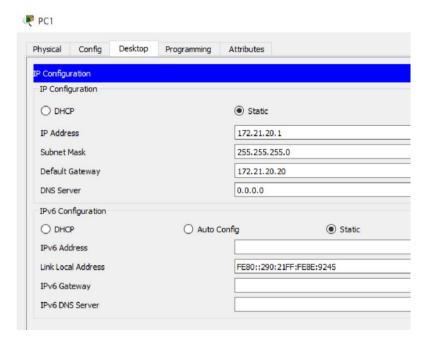
```
Router>enable
Router$conf term
Enter configuration commands, one per line. End with CNIL/Z.
Router(config) int fa 0/0
Router(config-if) ip address 172.21.70.70 255.255.255.0
Router(config-if) int fa 1/0
Router(config-if) int fa 1/0
Router(config-if) int fa 1/0
Router(config-if) int salvatown
Router(config-if) into shutdown
```

3. Konfigurasi pada PC

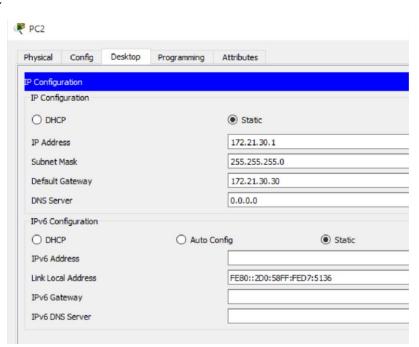
a. PC 0



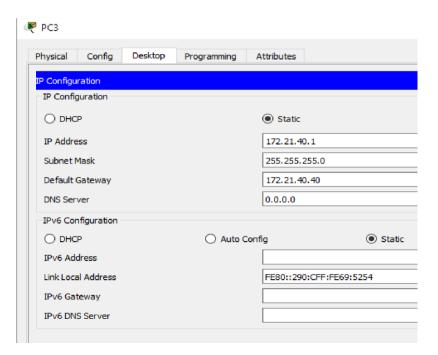
b. PC 1



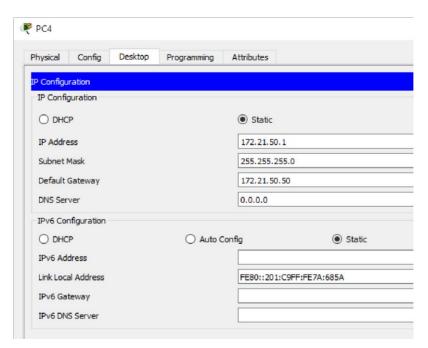
c. PC 2



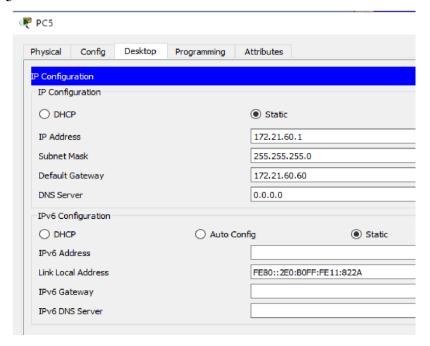
d. PC 3



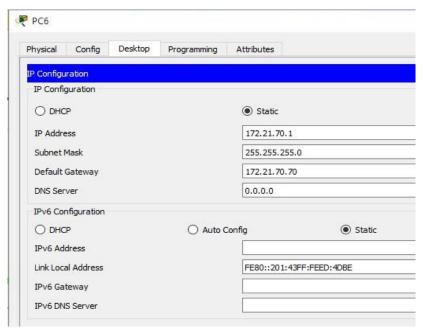
e. PC 4



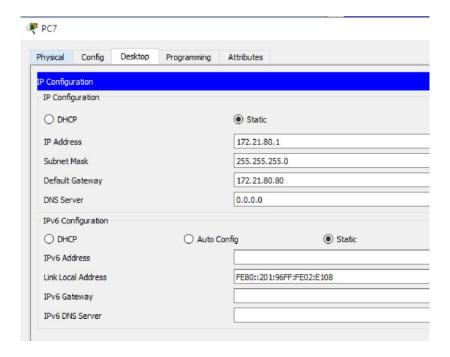
f. PC 5



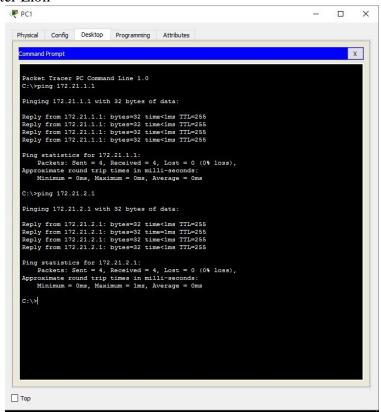
g. PC 6



h. PC 7



4. Melakukan cek koneksi Dari PC 1 ke router Lion



5. Melakukan routing

• Lion

```
Router>enable
Routerfeonf term
Enter configuration commands, one per line. End with CHTL/2.
Enter configuration commands, one per line. End with CHTL/2.
Enter configuration = 172.21.30.0 255.255.255.0 172.21.1.2
Router(config) #ip route 172.21.40.0 255.255.255.0 172.21.1.2
Router(config) #ip route 172.21.50.0 255.255.255.0 172.21.1.2
Router(config) #ip route 172.21.60.0 255.255.255.0 172.21.1.2
Router(config) #ip route 172.21.70.0 255.255.255.0 172.21.1.2
Router(config) #ip route 172.21.80.0 255.255.255.0 172.21.1.2
Router(config) #
```

Puma

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/2.
Router(config)#ip route 172.21.10.0 255.255.255.0 172.21.1.1
Router(config)#ip route 172.21.20.0 255.255.255.0 172.21.1.1
Router(config)#ip route 172.21.20.0 255.255.255.0 172.21.3.2
Router(config)#ip route 172.21.60.0 255.255.255.0 172.21.3.2
Router(config)#ip route 172.21.60.0 255.255.255.0 172.21.3.2
Router(config)#ip route 172.21.80.0 255.255.255.0 172.21.3.2
Router(config)#ip route 172.21.80.0 255.255.255.0 172.21.3.2
```

• Tiger

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #ip route 172.21.10.0 255.255.255.0 172.21.4.2
Router(config) #ip route 172.21.20.0 255.255.255.0 172.21.4.2
Router(config) #ip route 172.21.30.0 255.255.255.0 172.21.3.1
Router(config) #ip route 172.21.40.0 255.255.255.0 172.21.3.1
Router(config) #ip route 172.21.70.0 255.255.255.0 172.21.3.1
Router(config) #ip route 172.21.70.0 255.255.255.0 172.21.4.2
Router(config) #ip route 172.21.80.0 255.255.255.0 172.21.4.2
```

Jaguar

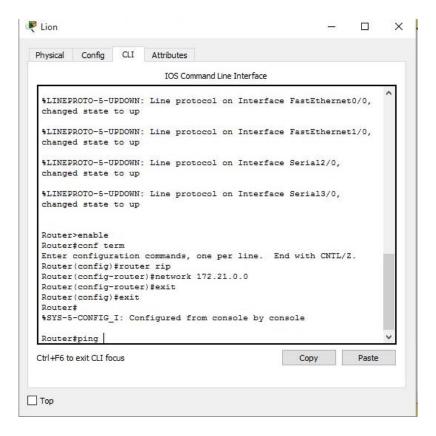
```
Router*enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.10.0 255.255.255.0 172.21.2.1
Router(config)#ip route 172.21.20.0 255.255.255.0 172.21.2.1
Router(config)#ip route 172.21.20.0 255.255.255.0 172.21.2.1
Router(config)#ip route 172.21.40.0 255.255.255.0 172.21.2.1
Router(config)#ip route 172.21.40.0 255.255.255.0 172.21.2.1
Router(config)#ip route 172.21.50.0 255.255.255.0 172.21.4.1
Router(config)#ip route 172.21.60.0 255.255.255.0 172.21.4.1
```

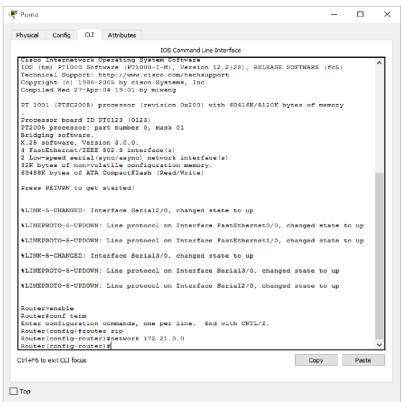
6. Melakukan dari PC 0 ke PC 4

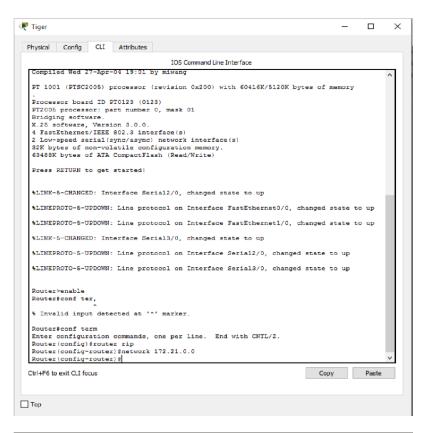
```
PC0
                                                                                               X
                    Desktop
  Physical
           Config
                              Programming
                                            Attributes
   Command Prompt
                                                                                                   X
   Packet Tracer PC Command Line 1.0
   C:\>ping 172.21.50.1
   Pinging 172.21.50.1 with 32 bytes of data:
   Request timed out.
   Reply from 172.21.50.1: bytes=32 time=13ms TTL=125
   Reply from 172.21.50.1: bytes=32 time=5ms TTL=125
   Reply from 172.21.50.1: bytes=32 time=13ms TTL=125
   Ping statistics for 172.21.50.1:
   Packets: Sent = 4, Received = 3, Lost = 1 (25% loss), Approximate round trip times in milli-seconds:
       Minimum = 5ms, Maximum = 13ms, Average = 10ms
   C:\>
```

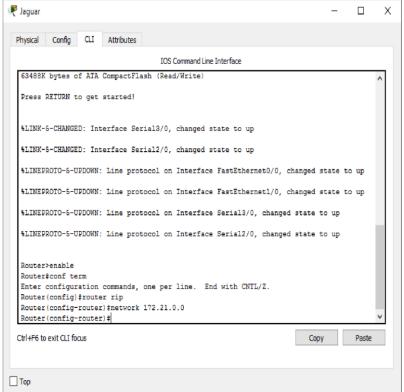
RIP

Melakukan konfigurasi ip dan routing









IGRP

Melakukan konfigurasi ip dan routing secara otomatis

