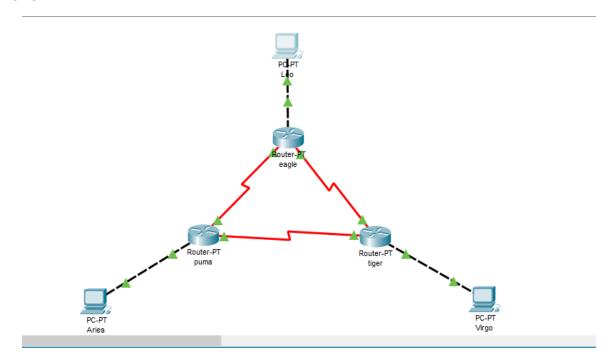
NAMA: DITA DENITA PRAMESTI

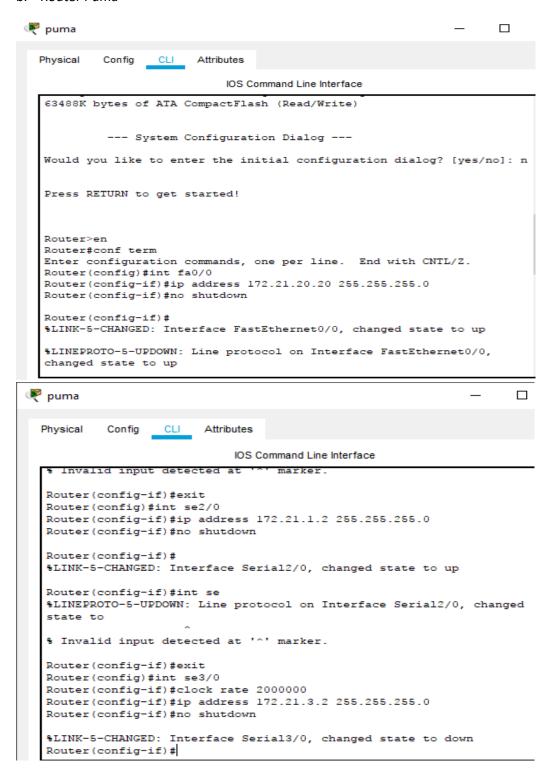
NIM : L200170139

KELAS : C MODUL: 7



- 1. Konfigurasi masing-masing Interface pada tiap Router dengan IP Address.
  - a. Router Eagle

#### b. Router Puma



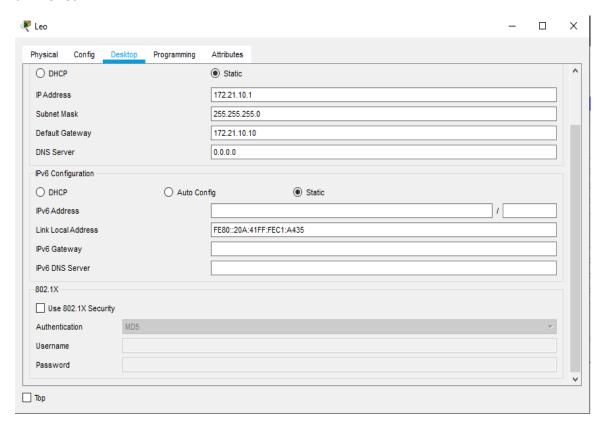
#### c. Router Tiger



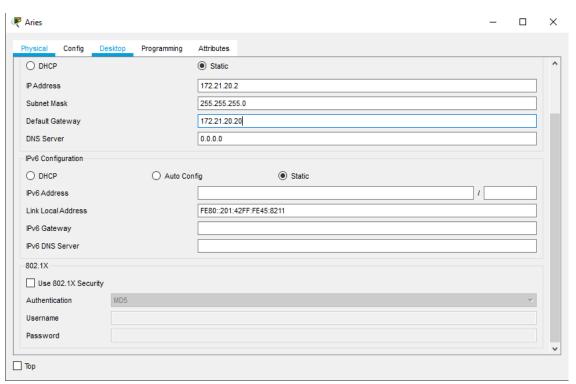
Physical Config CLI Attributes IOS Comma Press RETURN to get started! Router>en Router#conf term Enter configuration commands, one per line. End with CNTL/Z. Router(config) #int fa0/0 Router(config-if) #ip address 172.21.30.30 255.255.255.0 Router(config-if) #no shutdown Router(config-if)# %LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up Router(config-if)#exit Router(config) #int se2/0 Router(config-if)#ip address 172.21.2.3 255.255.255.0 Router(config-if) #no shutdown Router(config-if)# %LINK-5-CHANGED: Interface Serial2/0, changed state to up Router(config-if) #exit Router(config)# %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up Router(config) #int se3/0 Router(config-if) #clock rate 2000000 This command applies only to DCE interfaces Router(config-if) #ip address 172.21.3.3 255.255.255.0 Router(config-if) #no shutdown Router(config-if)# %LINK-5-CHANGED: Interface Serial3/0, changed state to up

# 2. Konfigurasi IP Address pada setiap PC.

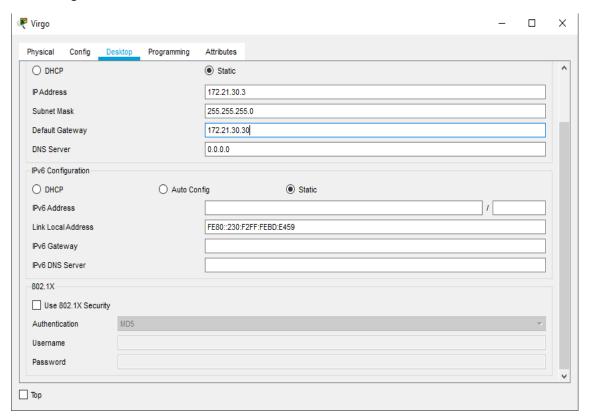
# a. PC Leo



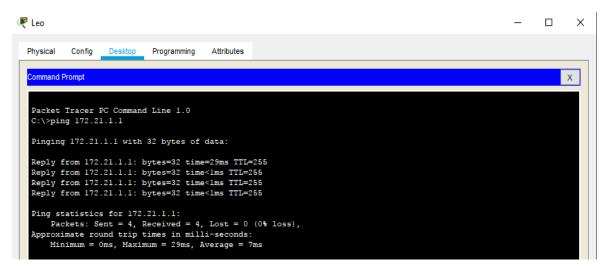
## b. PC Aries



#### c. PC Virgo



- 3. Uji konfigurasi telah sesuai (proses ping)
  - a. PC Leo ke router eagle



b. PC Aries ke router puma

```
Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 172.21.1.2

Pinging 172.21.1.2 with 32 bytes of data:

Reply from 172.21.1.2: bytes=32 time=2ms TTL=255
Reply from 172.21.1.2: bytes=32 time<1ms TTL=255

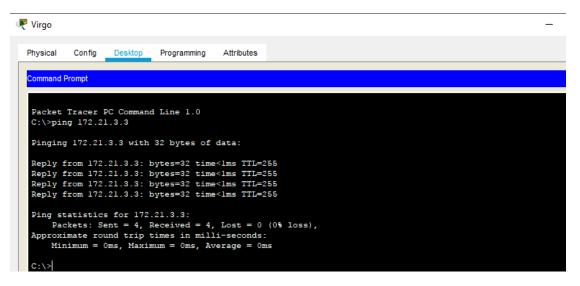
Ping statistics for 172.21.1.2:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

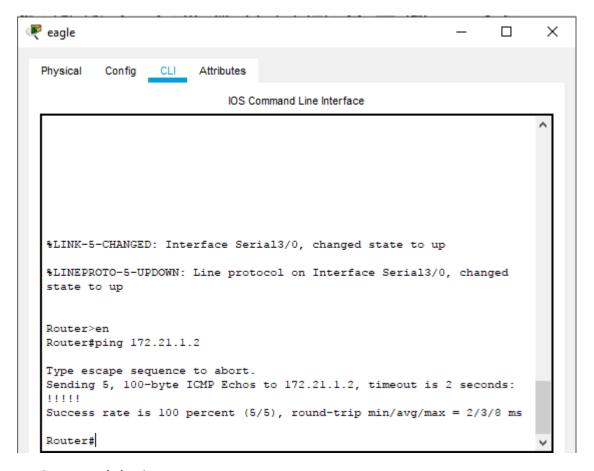
Minimum = 0ms, Maximum = 2ms, Average = 0ms

C:\>
```

c. PC Virgo ke router tiger



d. Router eagle ke puma



### e. Router eagle ke tiger

```
Router#ping 172.21.2.3

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.21.2.3, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/8 ms

Router#
```

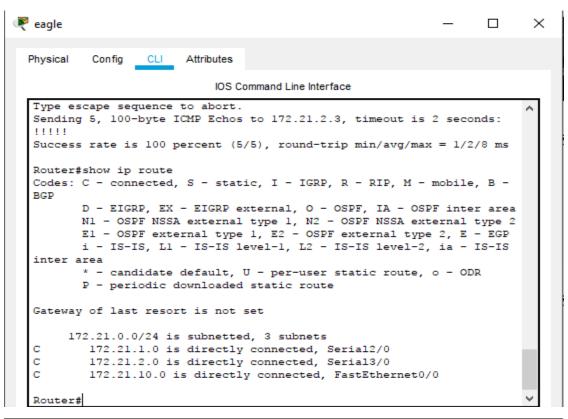
# f. Router puma ke tiger

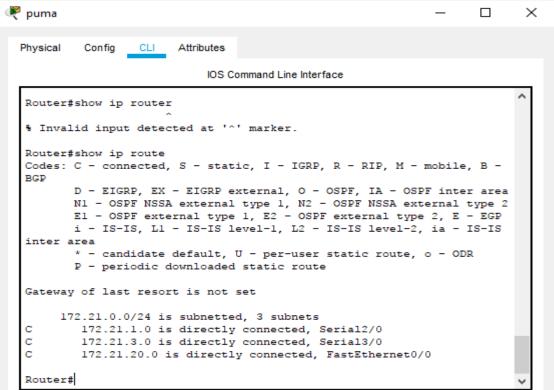
```
Router*en
Router*ping 172.21.3.3

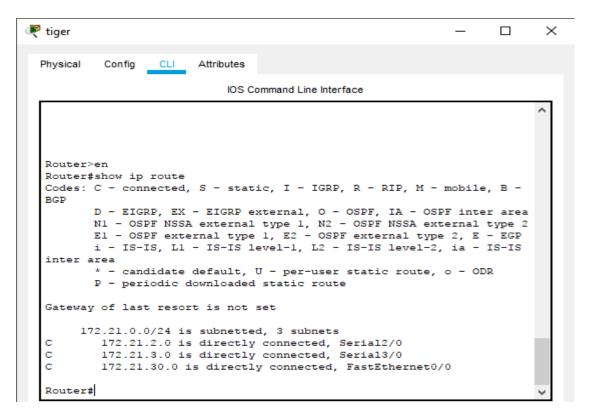
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.21.3.3, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/5 ms

Router#
```

#### 7. melihat router table pada masing router







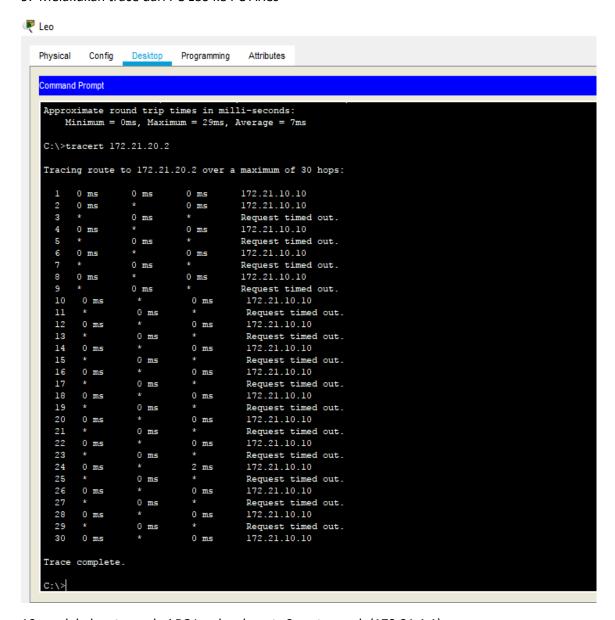
8. Melakukan ping dari router eagle ke alamat fa router puma (172.21.20.20)

```
Router#ping 172.21.20.20

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.21.20.20, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
```

Tugas 8A: pada gambar di atas dijelaskan bahwa router eagle dengan alamat fa router puma saling terhubung.

9. Melakukan trace dari PC Leo ke PC Aries



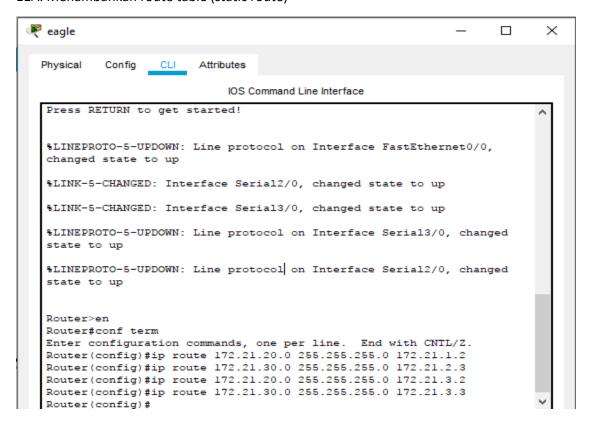
10. melakukan trace dari PC Leo ke alamat s0 router eagle(172.21.1.1)

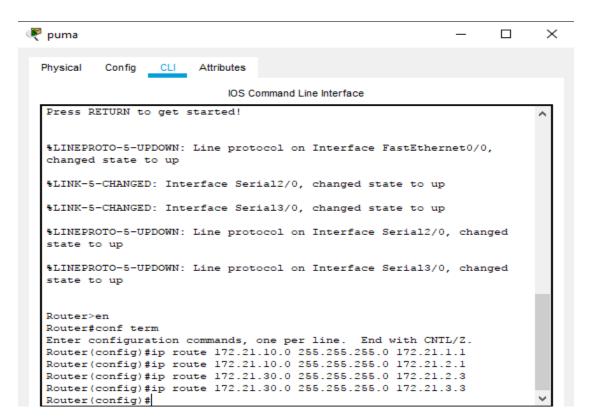
```
C:\>tracert 172.21.1.1

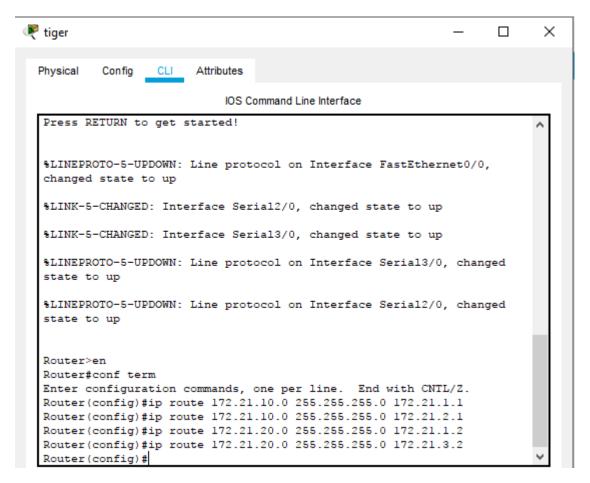
Tracing route to 172.21.1.1 over a maximum of 30 hops:
    1    0 ms    0 ms    1 ms    172.21.1.1

Trace complete.
C:\>
```

#### 11A. Menambahkan route table (static route)







#### 12A. Melakukan ping dan trace dari PC Leo ke PC Aries

```
₹ Leo
                                                                                                                                          ×
 Physical Config Desktop Programming Attributes
   Command Prompt
                                                                                                                                       Х
  C:\>ping 172.21.20.2
  Pinging 172.21.20.2 with 32 bytes of data:
  Reply from 172.21.20.2: bytes=32 time=1ms TTL=126
  Reply from 172.21.20.2: bytes=32 time=1ms TTL=126
Reply from 172.21.20.2: bytes=32 time=3ms TTL=126
Reply from 172.21.20.2: bytes=32 time=1ms TTL=126
   Ping statistics for 172.21.20.2:
      Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
   Approximate round trip times in milli-seconds:
       Minimum = 1ms, Maximum = 3ms, Average = 1ms
   C:\>tracert 172.21.20.2
   Tracing route to 172.21.20.2 over a maximum of 30 hops:
                                              172.21.10.10
         1 ms
                      0 ms
                                  0 ms
                                              172.21.1.2
172.21.20.2
          4 ms
                      1 ms
         0 ms
                      1 ms
   Trace complete.
```