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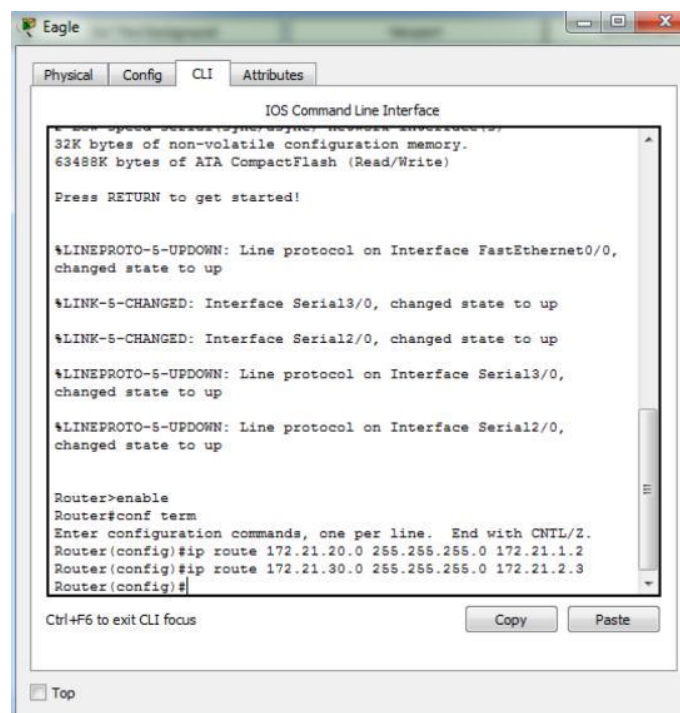
Kelas D

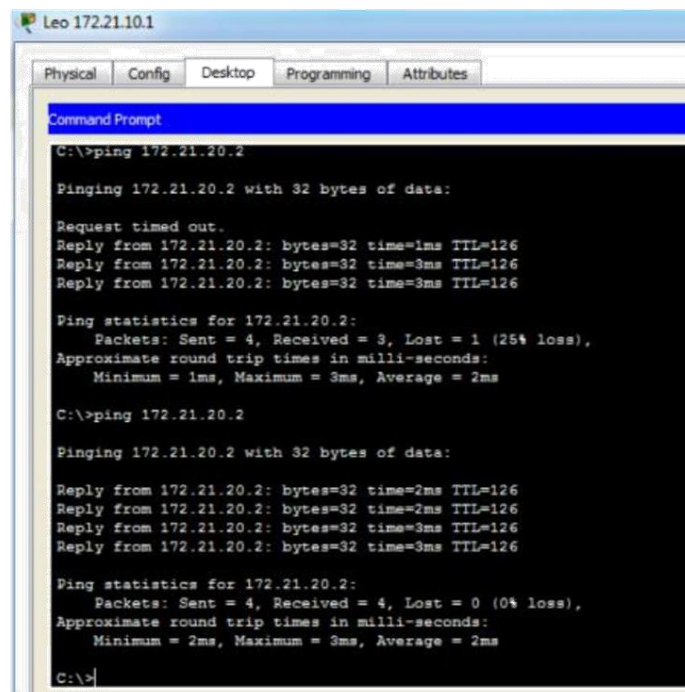
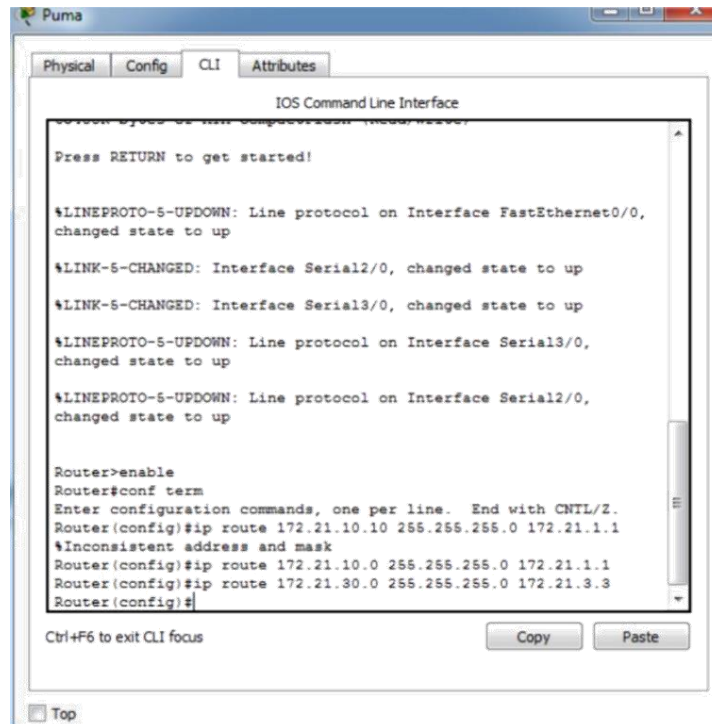
Modul 7

## KEGIATAN 1

**Tugas 11A:** Tuliskan langkah penambahan route table (static route) pada router puma dan eagle.

**Jawab :** Berikut langkah penambahan route table





**Tugas 12A:** Apakah mendapat tanggapan dari leo? Jelaskan secara singkat mengapa demikian. **Jawab :** Iya, Hal ini dikarenakan telah dibuat peroutingan untuk data lewat melalui jalur yang mana.

**Tugas 12B:** Jika alamat jaringan pada segmen leo diubah dari 172.21.10.0/24 menjadi 172.21.100./24. Tuliskan langkah perubahan konfigurasi yang dilakukan pada setiap router agar PC leo dapat dihubungi (ping) dari PC aries dan virgo. Mengapa langkah-langkah tersebut harus dilakukan?

**Jawab :**

1. Lakukan konfigurasi pada router eagle.
2. Lakukan konfigurasi pada PC Leo dan ubah default gateway.
3. Lakukan routing pada masing masing router sesuai dengan blok ip pc
4. Lakukan pengecekan dengan cara (ping)

## Kegiatan 2

**Tugas 4A :** Berapa nomor alamat jaringan yang terdaftar pada konfigurasi routing RIP?

```
!
interface FastEthernet5/0
  no ip address
  shutdown
!
router rip
  network 172.21.0.0
!
ip classless
!
ip flow-export version 9
!
!
!
!
!
!
!
line con 0
!
line aux 0
!
line vty 0 4
  login
```

**Tugas 4B :** Mengapa alamat jaringan yang langsung terhubung dengan interface e0(172.21.10.0), s0(172.21.1.0), dan s1(172.21.2.0) tidak di daftarkan ke konfigurasi routing RIP? **Jawab :** Karena pada 172.21.0.0 mencakup semua alamat jaringan.

**Tugas 5A :** Jelaskan secara singkat proses tersebut.

**Jawab :**

```
Router#
Router#
Router#debug ip rip
RIP protocol debugging is on
Router#RIP: sending v1 update to 255.255.255.255 via
FastEthernet0/0 (172.21.10.10)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.2.0 metric 1
RIP: sending v1 update to 255.255.255.255 via Serial2/0
(172.21.1.1)
RIP: build update entries
    network 172.21.2.0 metric 1
    network 172.21.10.0 metric 1
RIP: sending v1 update to 255.255.255.255 via Serial3/0
(172.21.2.1)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.10.0 metric 1

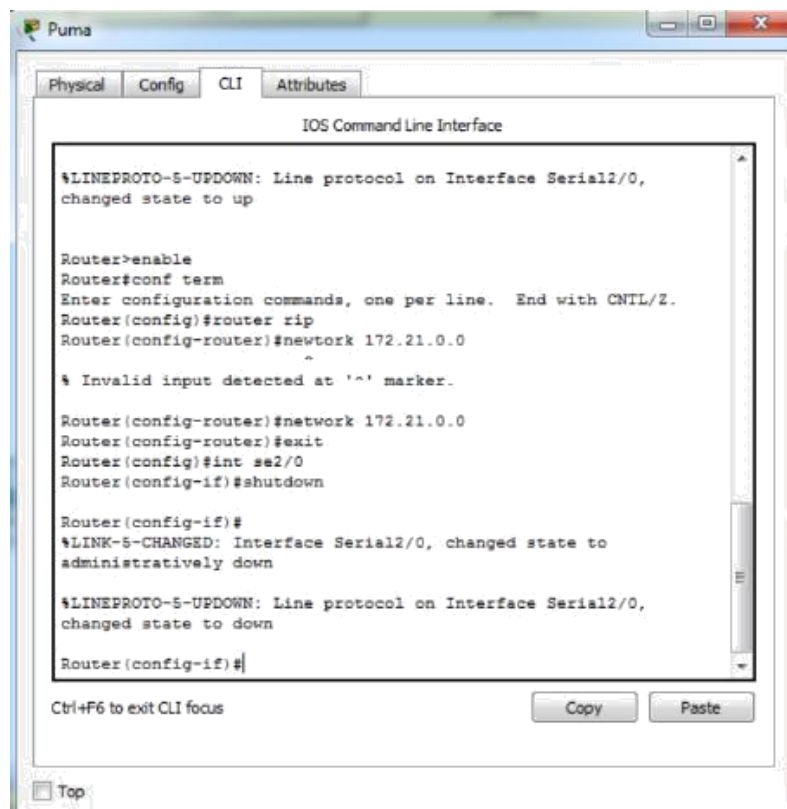
Router#RIP: sending v1 update to 255.255.255.255 via
FastEthernet0/0 (172.21.10.10)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.2.0 metric 1
RIP: sending v1 update to 255.255.255.255 via Serial2/0
(172.21.1.1)
```

**Tugas 6A :** Tuliskan langkah konfigurasi routing RIP yang dilakukan pada salah satu router(puma atau tiger)

**Jawab :**

```
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#network 172.21.0.0
Router(config-router)#ex
Router(config)#ex
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

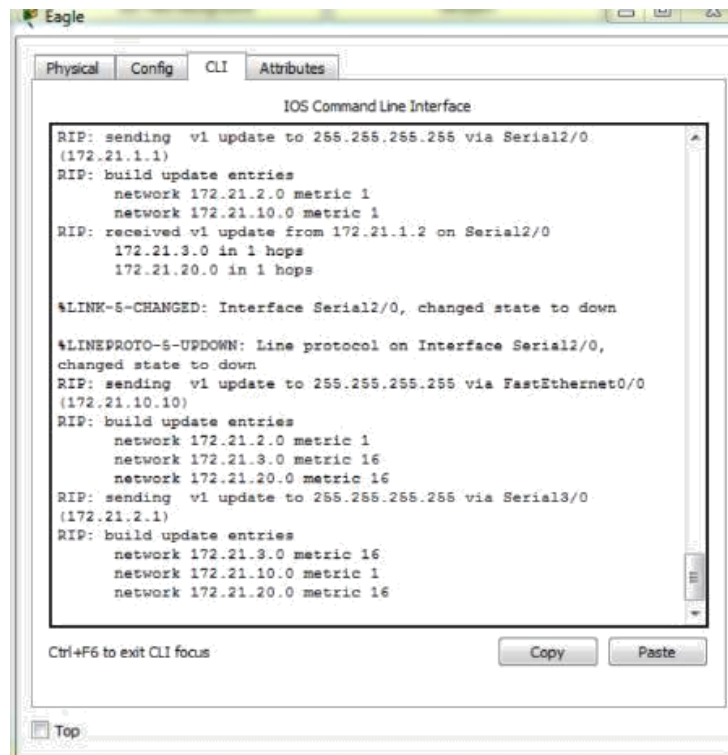
**Tugas 6B :** Jelaskan secara singkat proses update yang terjadi pada router eagle ketika konfigurasi salah satu router(puma atau tiger) dilakukan. (Perhatikan bagian "RIP: Received updated from 172.21.X.X on SerialX" dan tambahan subnet yang terjadi)



**Tugas 6C :** Jika alamat jaringan pada segmen leo diubah dari 172.21.100.0/24. Apakah perlu dilakukan perubahan konfigurasi pada setiap router agar PC leo dapat dihubungi (ping) dari PC aries dan virgo? Mengapa demikian? **Jawab :** Tidak perlu. Hal tersebut karena network yang dipakai adalah 172.21.0.0 yang dimana masih dalam satu jaringan.

**Tugas 8A :** Jelaskan secara singkat proses update yang terjadi pada router eagle. (Perhatikan bagian "RIP : Received Updated from 172.21.2.3 on Serial1" dan perubahan hops dari subnet 172.21.20.0 yang terjadi)

**Jawab :** Routing otomatis di download dan dimana melalui serial 3/0 yang terjadi di mana hops juga berubah.



```
IOS Command Line Interface

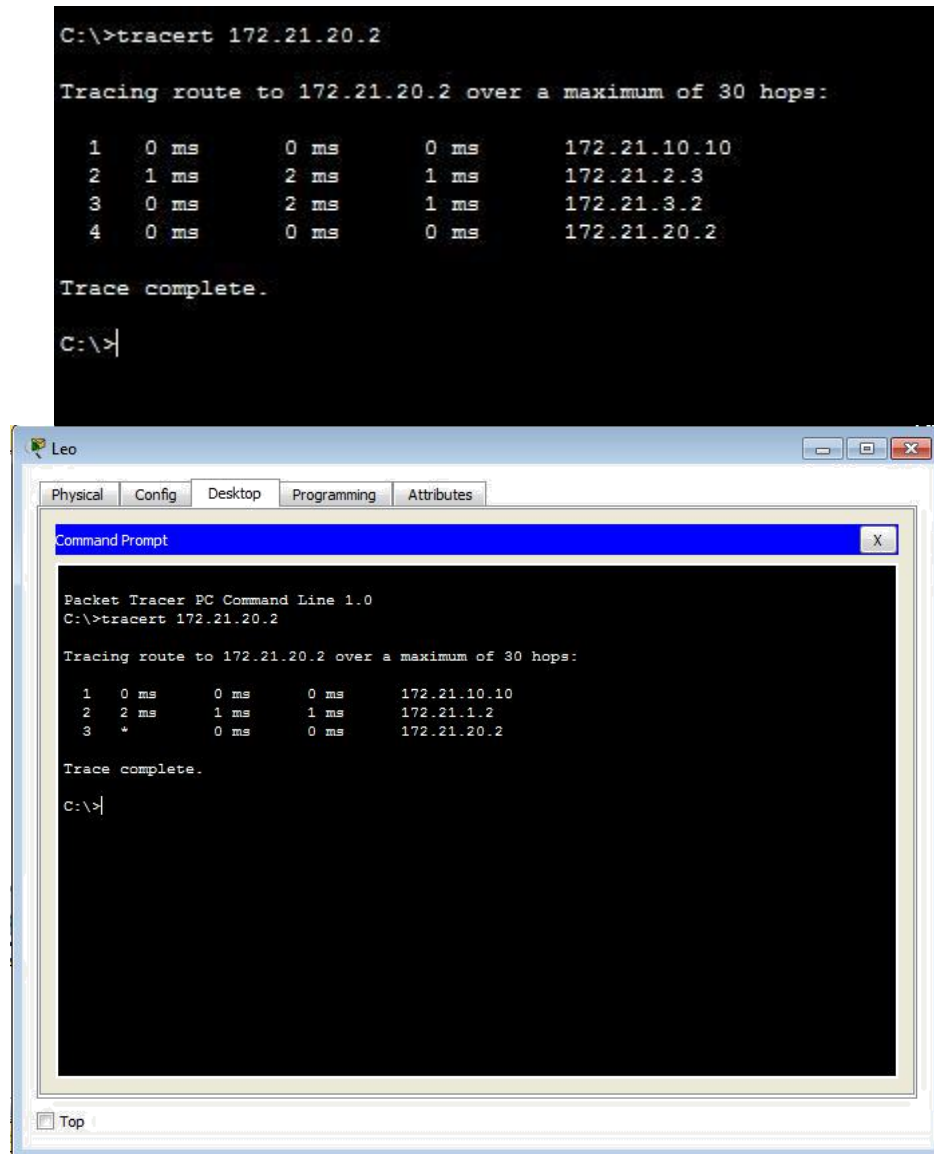
RIP: sending v1 update to 255.255.255.255 via Serial2/0
(172.21.1.1)
RIP: build update entries
  network 172.21.2.0 metric 1
  network 172.21.10.0 metric 1
RIP: received v1 update from 172.21.1.2 on Serial2/0
  172.21.3.0 in 1 hops
  172.21.20.0 in 1 hops

%LINK-5-CHANGED: Interface Serial2/0, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to down
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0
(172.21.10.10)
RIP: build update entries
  network 172.21.2.0 metric 1
  network 172.21.3.0 metric 16
  network 172.21.20.0 metric 16
RIP: sending v1 update to 255.255.255.255 via Serial3/0
(172.21.2.1)
RIP: build update entries
  network 172.21.3.0 metric 16
  network 172.21.10.0 metric 1
  network 172.21.20.0 metric 16
```

**Tugas 9A :** Apakah hasil yang diperoleh berbeda dengan langkah 8 diatas(ketika langkah 8 belum dilakukan)? Jelaskan secara singkat mengapa demikian.

**Jawab :**



```
C:\>tracert 172.21.20.2

Tracing route to 172.21.20.2 over a maximum of 30 hops:

  0  0 ms    0 ms    0 ms    172.21.10.10
  1  1 ms    2 ms    1 ms    172.21.2.3
  2  0 ms    2 ms    1 ms    172.21.3.2
  3  0 ms    0 ms    0 ms    172.21.20.2

Trace complete.

C:\>
```

```
Leo
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>tracert 172.21.20.2

Tracing route to 172.21.20.2 over a maximum of 30 hops:

  0  0 ms    0 ms    0 ms    172.21.10.10
  1  2 ms    1 ms    1 ms    172.21.1.2
  2  * ms    0 ms    0 ms    172.21.20.2

Trace complete.

C:\>
```

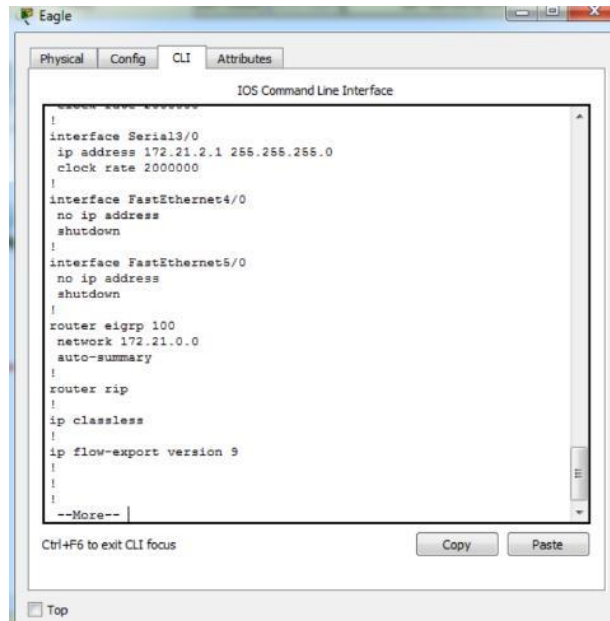
Dikarenakan hubungan di downkan maka hasil routing yang berawal dari dimulai menjadi berhenti dan menghasilkan RTO karena jaringan tidak terhubung.



### Kegiatan 3

**Tugas 4A :** Berapa nomor alamat jaringan yang terdaftar pada konfigurasi routing EIGRP?

**Jawab :**



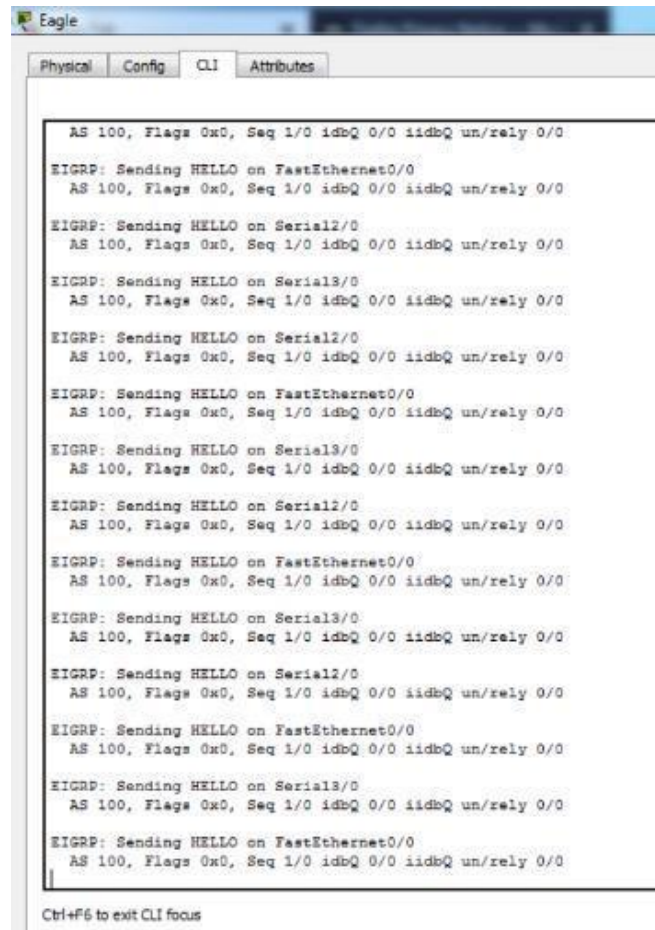
The screenshot shows the Eagle emulator window with the 'CLI' tab selected. The 'IOS Command Line Interface' window displays the following configuration:

```
!
interface Serial3/0
ip address 172.21.2.1 255.255.255.0
clock rate 2000000
!
interface FastEthernet4/0
no ip address
shutdown
!
interface FastEthernet5/0
no ip address
shutdown
!
router eigrp 100
network 172.21.0.0
auto-summary
!
router rip
!
ip classless
!
ip flow-export version 9
!
!
--More--
```

At the bottom of the CLI window, there is a prompt 'Ctrl+F6 to exit CLI focus' and buttons for 'Copy' and 'Paste'.

**Tugas 5A :** Jelaskan secara singkat proses tersebut?

**Jawab :** Terjadi suatu transaksi yang mengiri tanda ataupun sapa untuk router lain dan komputer melalui fa dan serial.



The screenshot shows the Eagle network simulator interface with the CLI tab selected. The CLI window displays a series of EIGRP Hello messages being sent by AS 100. The messages are as follows:

```
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iidbQ un/rely 0/0
```

At the bottom of the CLI window, it says "Ctrl+F6 to exit CLI focus".

**Tugas 6A :** Jelaskan secara singkat proses tersebut

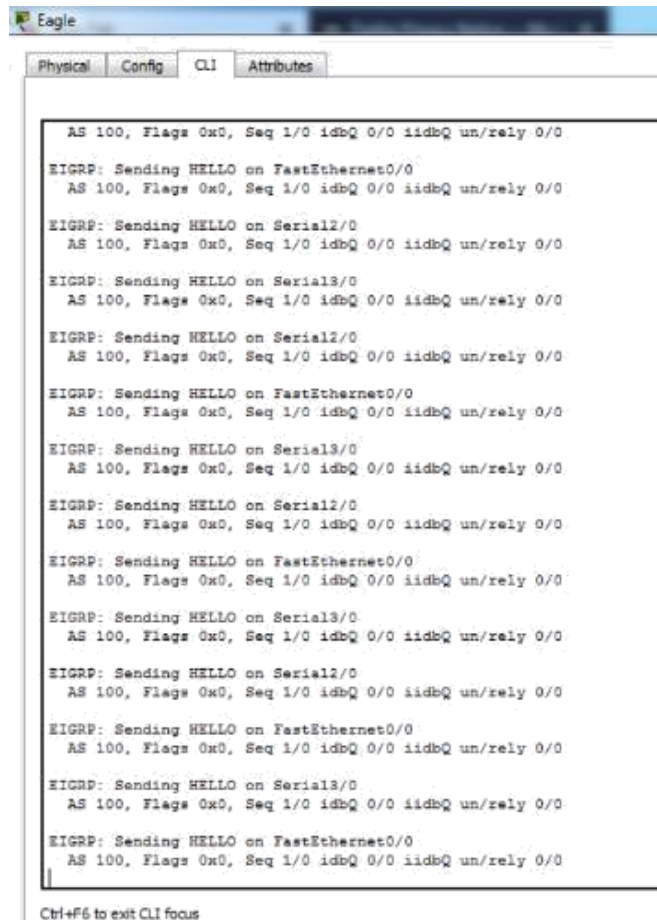
**Jawab :**

```
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 100
Router(config-router)#network 172.21.0.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 172.21.3.2 (Serial3/0)
is up: new adjacency

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 172.21.2.1 (Serial2/0)
is up: new adjacency
|
```

**Tugas 7A :** Tuliskan langkah konfigurasi routing EIGRP yang dilakukan pada salah satu router(puma atau tiger).

**Jawab :**



**Tugas 7B :** Jelaskan secara singkat proses update yang terjadi pada router eagle ketika konfigurasi salah satu router(puma atau tiger) dilakukan.  
(perhatikan bagian "EIGRP : Received updated from 172.21.X.X on SerialX" dan tambahan subnet yang terjadi)

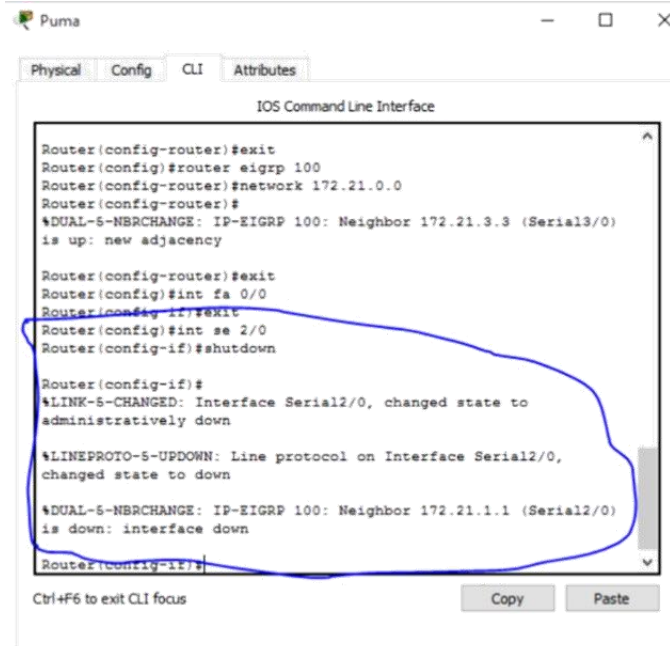
**Jawab :** Setelah router puma di konfigurasi maka di router eagle otomatis meng-update kemudian mengirim ACK hingga proses selesai.

**Tugas 7C :** Jika alamat jaringan pada segmen leo diubah dari 172.21.10.0/24 menjadi 172.21.100.0/24. Apakah perlu dilakukan perubahan konfigurasi pada setiap router agar PC leo dapat dihubungi(ping) dari PC aries dan virgo? Mengapa demikian?

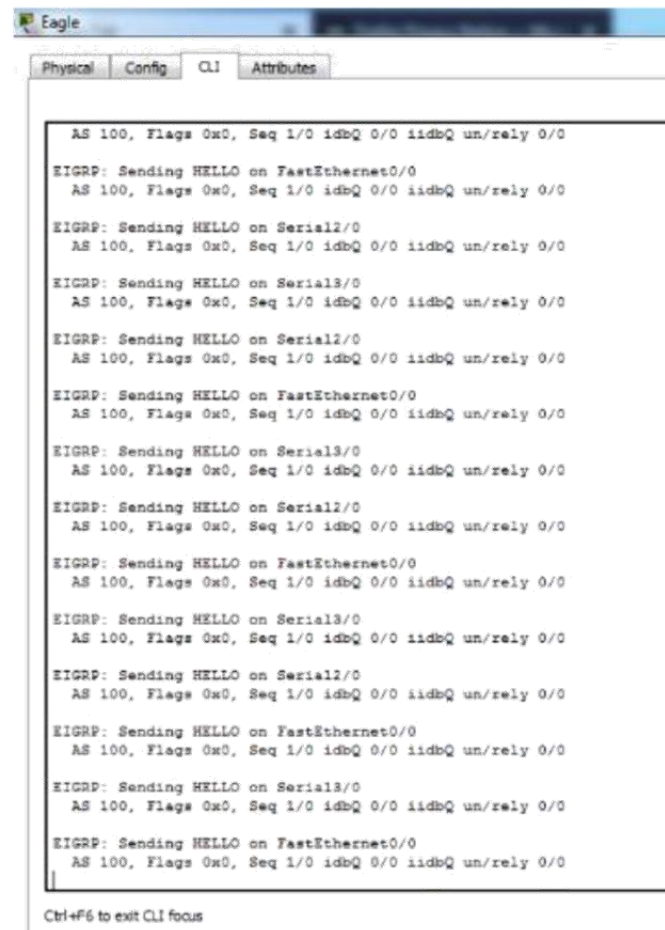
**Jawab :** Tidak perlu. Karena tetap berada pada jaringan yang sama dan routing sudah dinamis.

**Tugas 9A :** Jelaskan secara singkat proses update yang terjadi pada router eagle.(perhatikan bagian"EIGRP : Received updated from 172.21.2.3 on Serial1")

**Jawab :**



Too

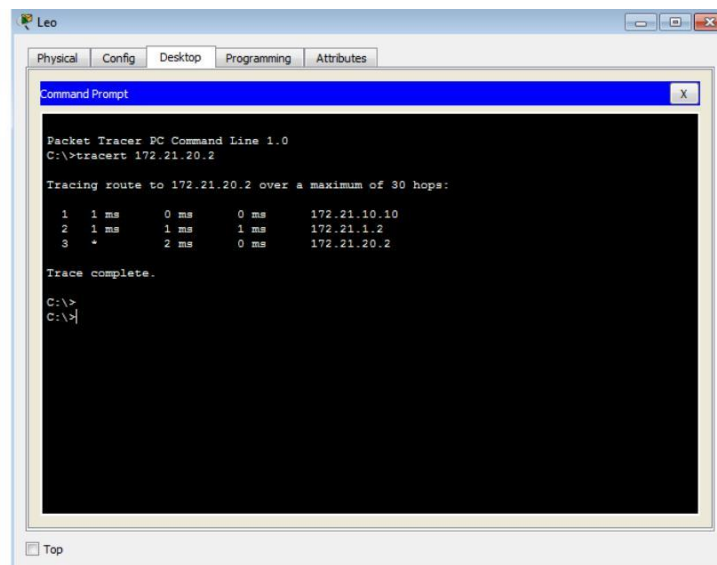


Setelah pemutusan pada router puma dan eagle pada router puma, maka akan ada notifikasi dan update pada router eagle.

**Tugas 10A :** Apakah hasil yang diperoleh berbeda dengan langkah 8 diatas(ketika langkah 9 belum dilakukan)? Jelaskan secara singkat mengapa demikian.

**Jawab :**

Setelah router terputus waktu yang dibutuhkan untuk mengirim data menjadi berbeda. Juga terdapat perbedaan pada hops atau jalan yang dilalui.



```
Leo
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>tracert 172.21.20.2

Tracing route to 172.21.20.2 over a maximum of 30 hops:

  1  1 ms    0 ms    0 ms    172.21.10.10
  2  1 ms    1 ms    1 ms    172.21.1.2
  3  *        2 ms    0 ms    172.21.20.2

Trace complete.

C:\>
C:\>
```

```
C:\>tracert 172.21.20.2

Tracing route to 172.21.20.2 over a maximum of 30 hops:

  1  0 ms    0 ms    0 ms    172.21.10.10
  2  1 ms    1 ms    0 ms    172.21.2.3
  3  1 ms    2 ms    0 ms    172.21.3.2
  4  1 ms    0 ms    0 ms    172.21.20.2

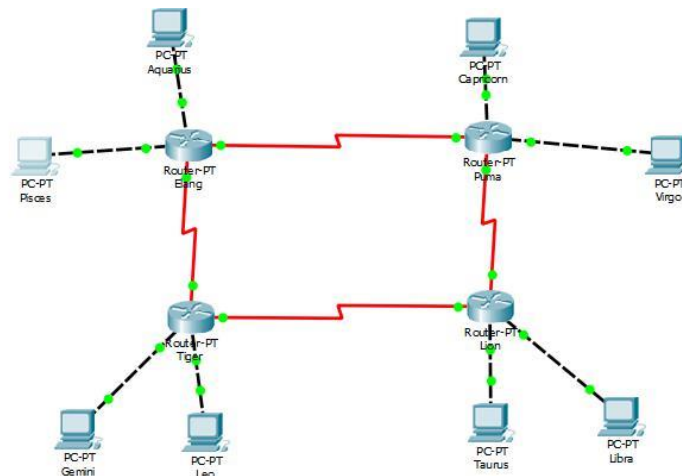
Trace complete.

C:\>
```

## TUGAS MODUL 5

1.

1. Gambar Topologi



2. Konfigurasi masing masing router.

Elang

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 172.21.10.10 255.255.0.0
Router(config-if)#ip address 172.21.10.10 255.255.0.0
Router(config-if)#ip address 172.21.10.10 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address 172.21.20.20 255.255.255.0
Router(config-if)#ip address 172.21.20.20 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#ip address 172.21.1.1 255.255.255.0
Router(config-if)#ip address 172.21.1.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial3/0
Router(config-if)#ip address 172.21.2.1 255.255.255.0
Router(config-if)#ip address 172.21.2.1 255.255.255.0
Router(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

Puma

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no ip address
Router(config-if)#ip address 172.21.20.10 255.255.0.0
Router(config-if)#ip address 172.21.20.10 255.255.0.0
Router(config-if)#ip address 172.21.20.10 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address 172.21.30.20 255.255.255.0
Router(config-if)#ip address 172.21.30.20 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#ip address 172.21.1.2 255.255.255.0
Router(config-if)#ip address 172.21.1.2 255.255.255.0
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

Tiger

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 172.21.30.10 255.255.0.0
Router(config-if)#ip address 172.21.30.10 255.255.0.0
Router(config-if)#ip address 172.21.30.10 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address 172.21.40.20 255.255.255.0
Router(config-if)#ip address 172.21.40.20 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#ip address 172.21.1.3 255.255.255.0
Router(config-if)#ip address 172.21.1.3 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial3/0
Router(config-if)#ip address 172.21.4.1 255.255.255.0
Router(config-if)#ip address 172.21.4.1 255.255.255.0
Router(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top



Lion

Physical

Config

CLI

Attributes

IOS Command Line Interface

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 172.21.40.10 255.255.0.0
Router(config-if)#ip address 172.21.40.10 255.255.0.0
Router(config-if)#ip address 172.21.40.10 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address 172.21.50.20 255.255.255.0
Router(config-if)#ip address 172.21.50.20 255.255.255.0
Router(config-if)#ip address 172.21.50.20 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#ip address 172.21.1.4 255.255.255.0
Router(config-if)#ip address 172.21.1.4 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial3/0
Router(config-if)#ip address 172.21.5.1 255.255.255.0
Router(config-if)#ip address 172.21.5.1 255.255.255.0
Router(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy

Paste

☐ Top

### 3. Konfigurasi pada setiap PC.

The screenshot shows the 'Aquarius' configuration window with the 'Config' tab selected. The 'IP Configuration' section is active, showing settings for both IPv4 and IPv6. The IPv4 section has 'Static' selected, with IP Address '172.21.10.1', Subnet Mask '255.255.255.0', Default Gateway '172.21.10.10', and DNS Server '0.0.0.0'. The IPv6 section has 'Static' selected, with IPv6 Address, Link Local Address 'FE80::230:A3FF:FE77:BEE', IPv6 Gateway, and IPv6 DNS Server fields.

Aquarius

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address 172.21.10.1

Subnet Mask 255.255.255.0

Default Gateway 172.21.10.10

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::230:A3FF:FE77:BEE

IPv6 Gateway

IPv6 DNS Server

☐ Top

#### 4. Cek koneksi

dari PC Aquarius ke Router Elang.

```
C:\>ping 172.21.10.10

Pinging 172.21.10.10 with 32 bytes of data:

Reply from 172.21.10.10: bytes=32 time=108ms TTL=255
Reply from 172.21.10.10: bytes=32 time<1ms TTL=255
Reply from 172.21.10.10: bytes=32 time<1ms TTL=255
Reply from 172.21.10.10: bytes=32 time<1ms TTL=255

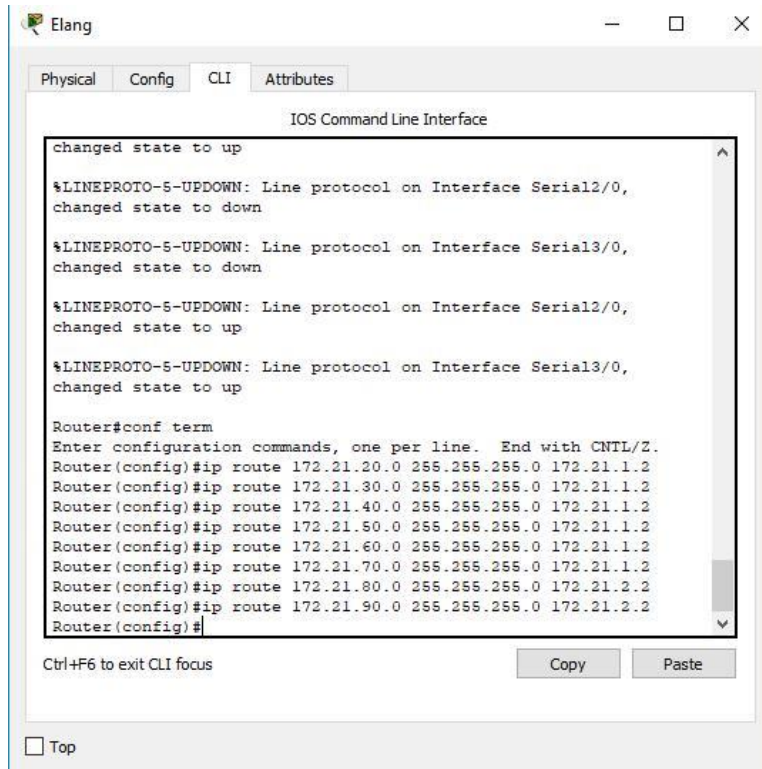
Ping statistics for 172.21.10.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 108ms, Average = 27ms
```

dari Router Elang ke Router Puma.

```
Router#ping 172.21.1.2

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.21.1.2, timeout is 2
seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max =
1/3/11 ms
```

## 5. Melakukan routing

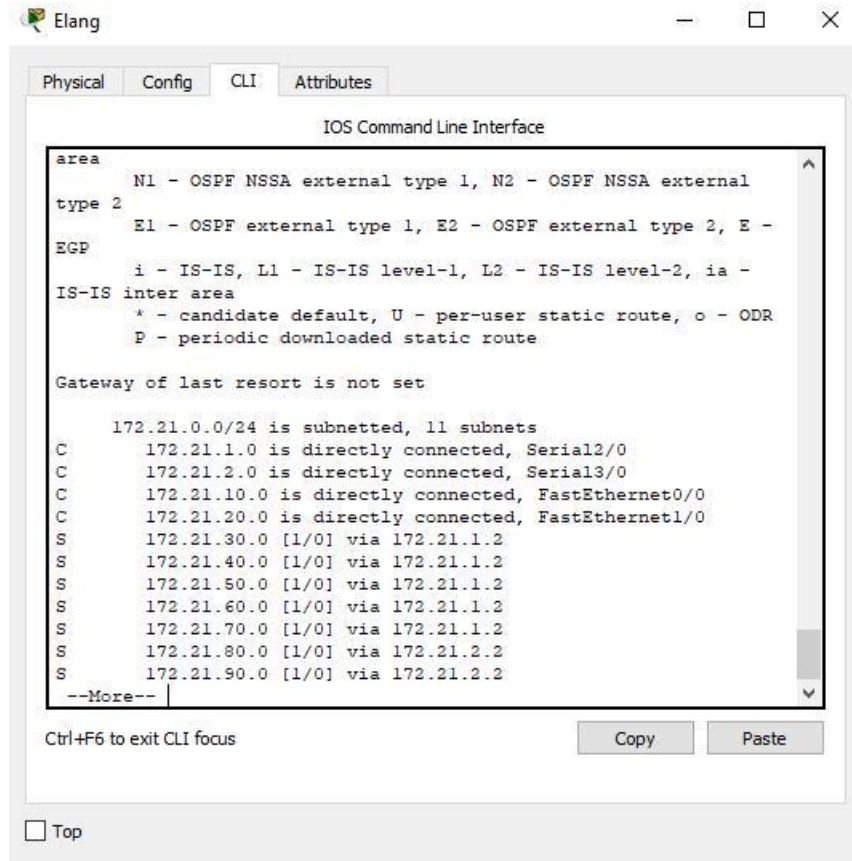


The screenshot shows a window titled "Elang" with a tabbed interface. The "CLI" tab is selected, displaying the "IOS Command Line Interface". The interface shows a sequence of commands and their outputs:

```
changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0,
changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0,
changed state to up
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.20.0 255.255.255.0 172.21.1.2
Router(config)#ip route 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 172.21.80.0 255.255.255.0 172.21.2.2
Router(config)#ip route 172.21.90.0 255.255.255.0 172.21.2.2
Router(config)#
```

Below the CLI window, there is a "Ctrl+F6 to exit CLI focus" label and two buttons: "Copy" and "Paste". At the bottom left, there is a "Top" button.

## 6. Show ip route



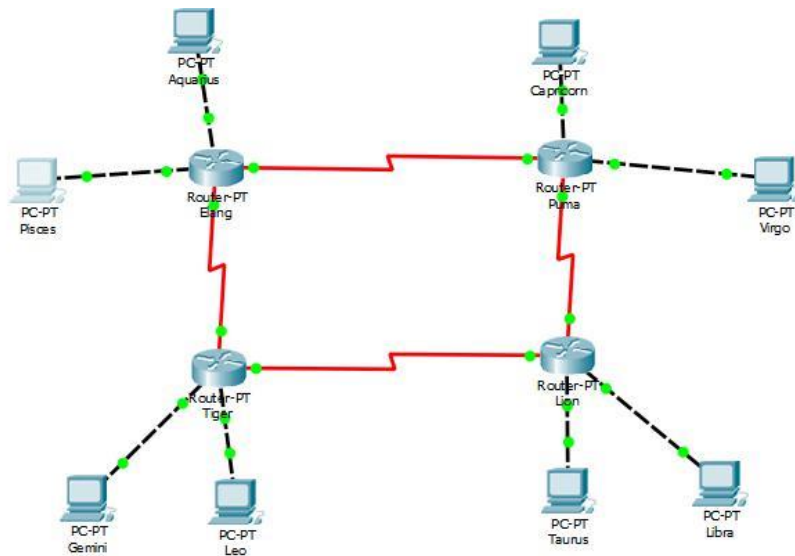
## 7. PING PC Pisces ke Libra

```
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
```



## 1. Konfigurasi IP dan routing.

```

Elang

Physical Config CLI Attributes
IOS Command Line Interface
172.21.0.0/24 is subnetted, 11 subnets
C   172.21.1.0 is directly connected, Serial12/0
C   172.21.2.0 is directly connected, Serial13/0
C   172.21.10.0 is directly connected, FastEthernet0/0
C   172.21.20.0 is directly connected, FastEthernet1/0
S   172.21.30.0 [1/0] via 172.21.1.2
S   172.21.40.0 [1/0] via 172.21.1.2
S   172.21.50.0 [1/0] via 172.21.1.2
S   172.21.60.0 [1/0] via 172.21.1.2
S   172.21.70.0 [1/0] via 172.21.1.2
S   172.21.80.0 [1/0] via 172.21.2.2
S   172.21.90.0 [1/0] via 172.21.2.2

Router>
Router>
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#network 172.21.0.0
Router(config-router)#ex
Router(config)#ex
Router#
%SYS-5-CONFIG_I: Configured from console by console

Ctrl+F6 to exit CLI focus
Copy Paste

```

2. Melakukan PING PC Gemini ke Capricorn.

```
C:\>ping 172.21.30.1

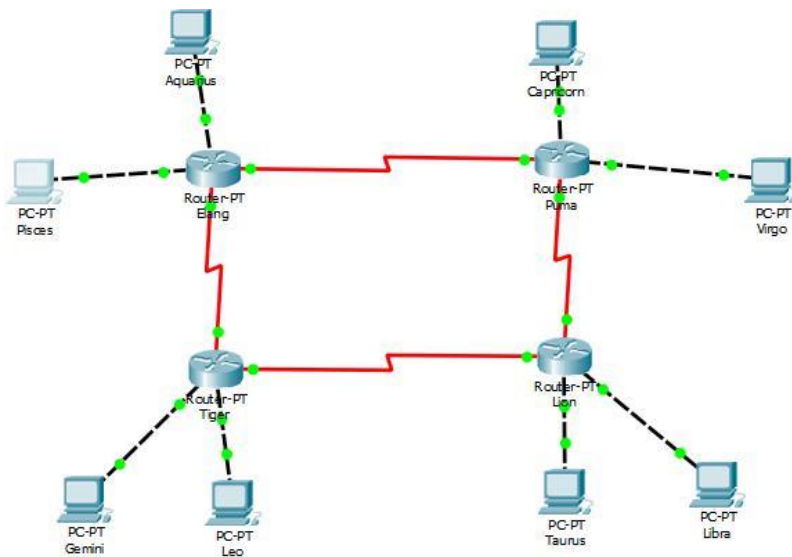
Pinging 172.21.30.1 with 32 bytes of data:

Request timed out.
Reply from 172.21.30.1: bytes=32 time=2ms TTL=125
Reply from 172.21.30.1: bytes=32 time=3ms TTL=123
Reply from 172.21.30.1: bytes=32 time=7ms TTL=123

Ping statistics for 172.21.30.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 7ms, Average = 4ms
```



## EIGRP



### 1. Konfigurasi IP dan routing

```
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 100
Router(config-router)#network 172.21.0.0
Router(config-router)#
```

## 2. Melakukan PING PC Libra ke PC Pisces

```
C:\>ping 172.21.10.1

Pinging 172.21.10.1 with 32 bytes of data:

Request timed out.
Reply from 172.21.10.1: bytes=32 time=2ms TTL=125
Reply from 172.21.10.1: bytes=32 time=6ms TTL=125
Reply from 172.21.10.1: bytes=32 time=3ms TTL=125

Ping statistics for 172.21.10.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 6ms, Average = 3ms
```