

NAMA : NARENDRA GUSTIAJI

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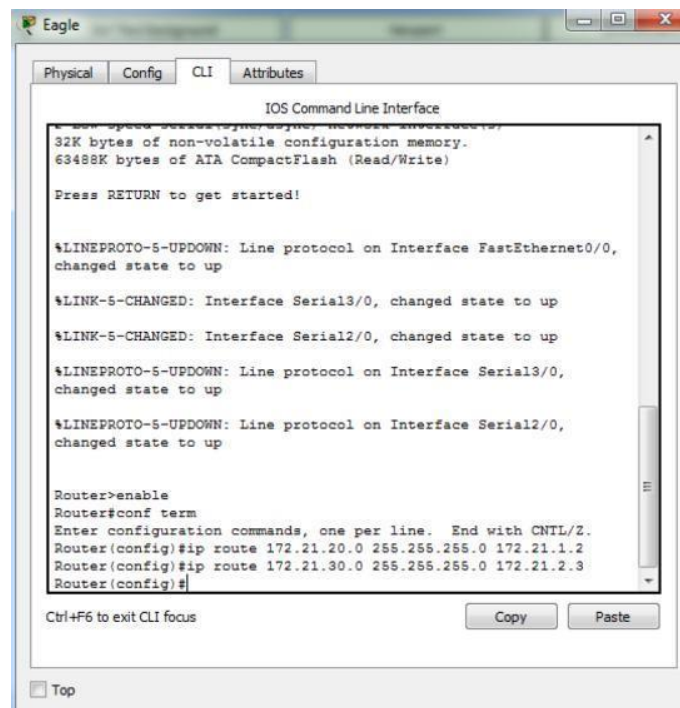
KELAS : D

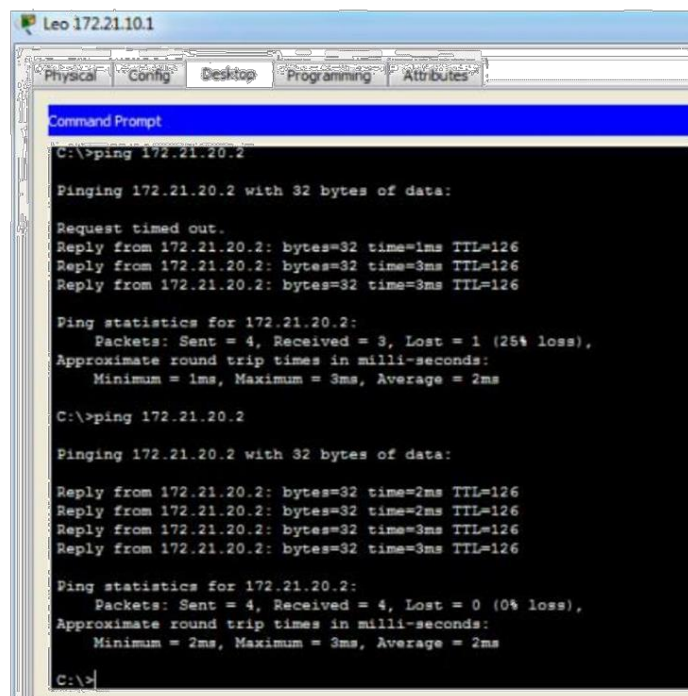
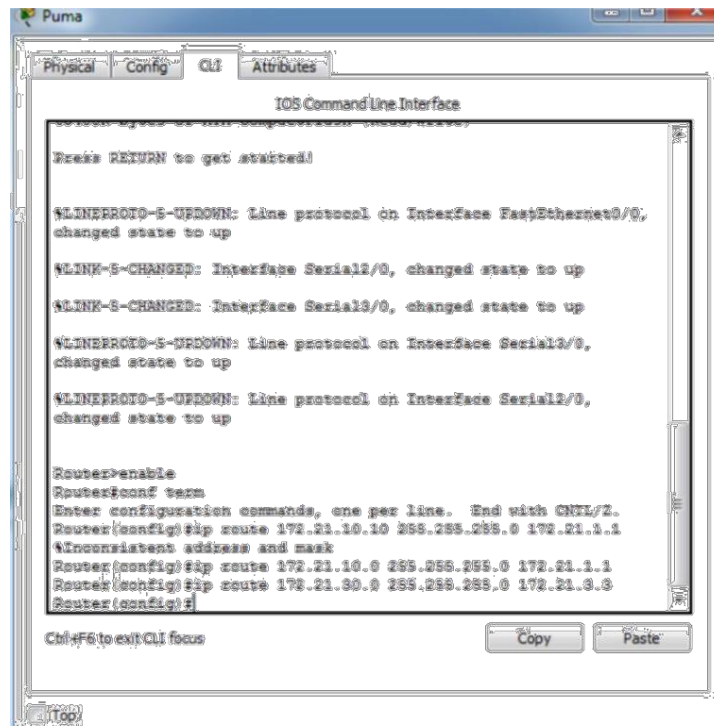
MODUL 7

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

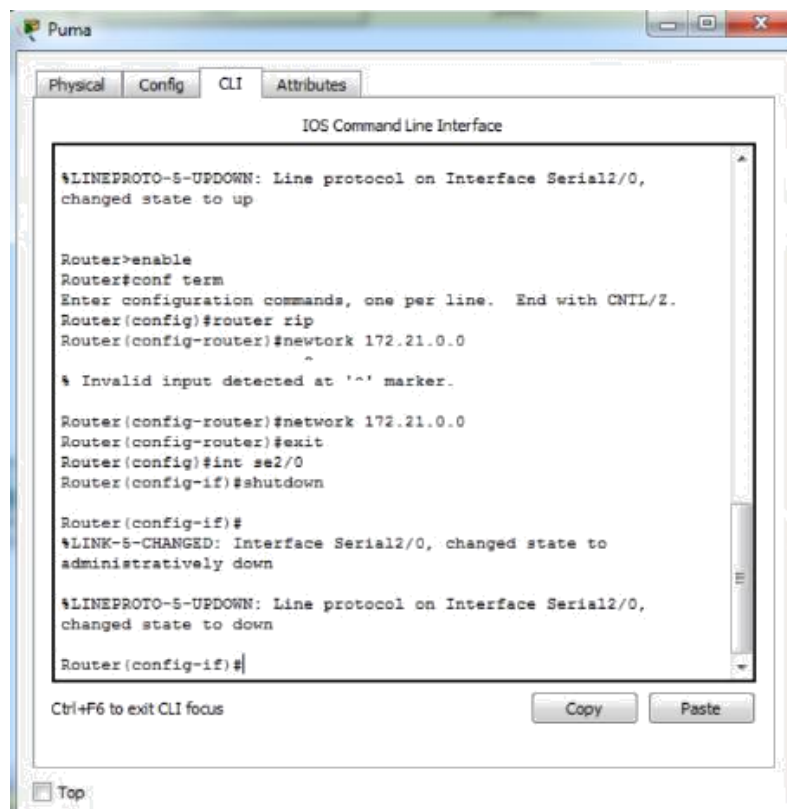
Router#RIP: sending v1 update to 255.255.255.255 via
FastEthernet0/0 (172.21.10.10)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.2.0 metric 1
RIP: sending v1 update to 255.255.255.255 via Serial3/0
```

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
```

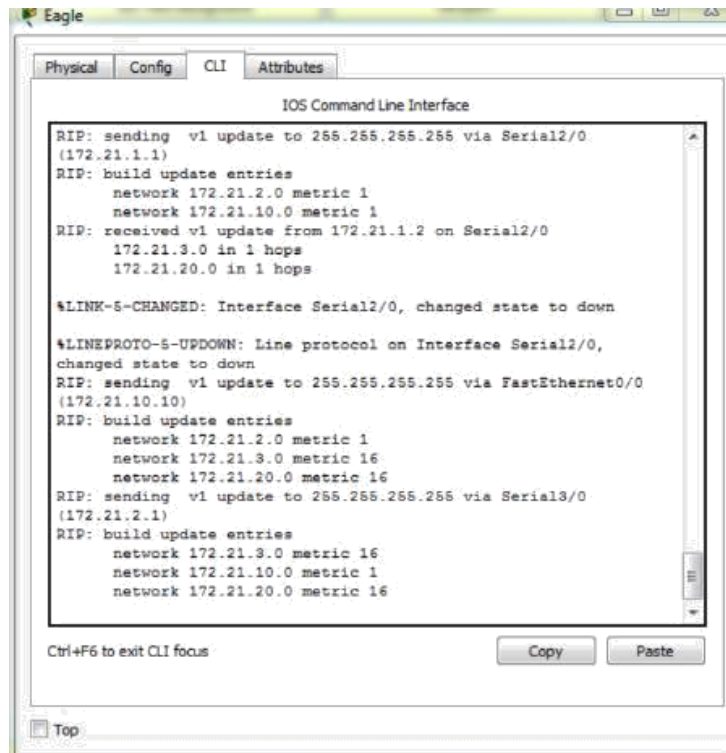
Tugas 6B : Jelaskan secara singkat proses update yang terjadi pada router eagle ketika konfigurasi salah satu router(puma atau tiger) dilakukan. (Perhatikan bagian "RIP: Received updated from 172.21.X.X on SerialX" dan tambahan subnet yang terjadi)



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 downkan dan dimana melalui serial 3/0 yang terjadi di mana hops juga berubah.



```
Eagle
Physical Config CLI Attributes
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

Ctrl+F6 to exit CLI focus
Copy Paste
Top
```

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

Jawab :

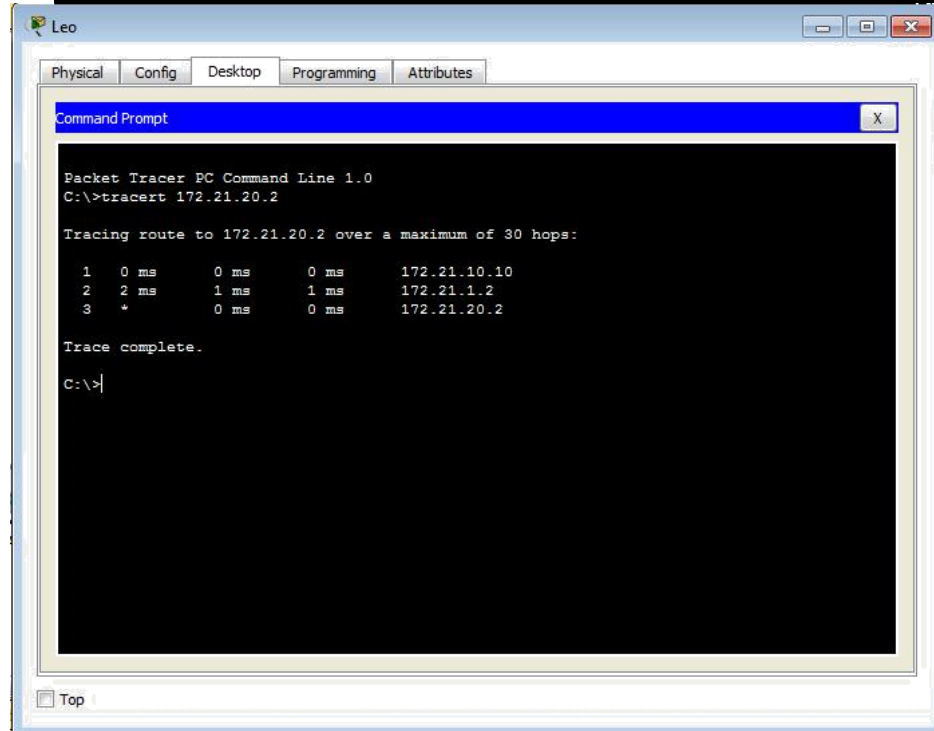
```
C:\>tracert 172.21.20.2

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:\>
```



The screenshot shows a Packet Tracer PC Command Line window titled 'Leo'. It contains a Command Prompt window with the following output:

```
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  *      0 ms    0 ms    172.21.20.2

Trace complete.

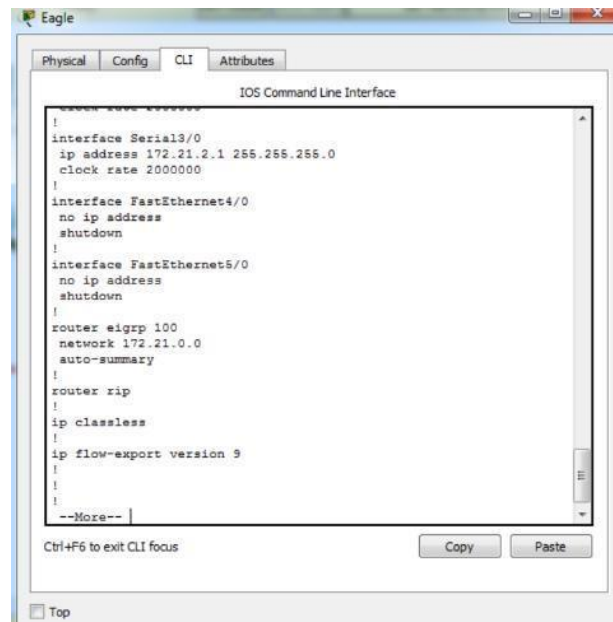
C:\>
```

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 :



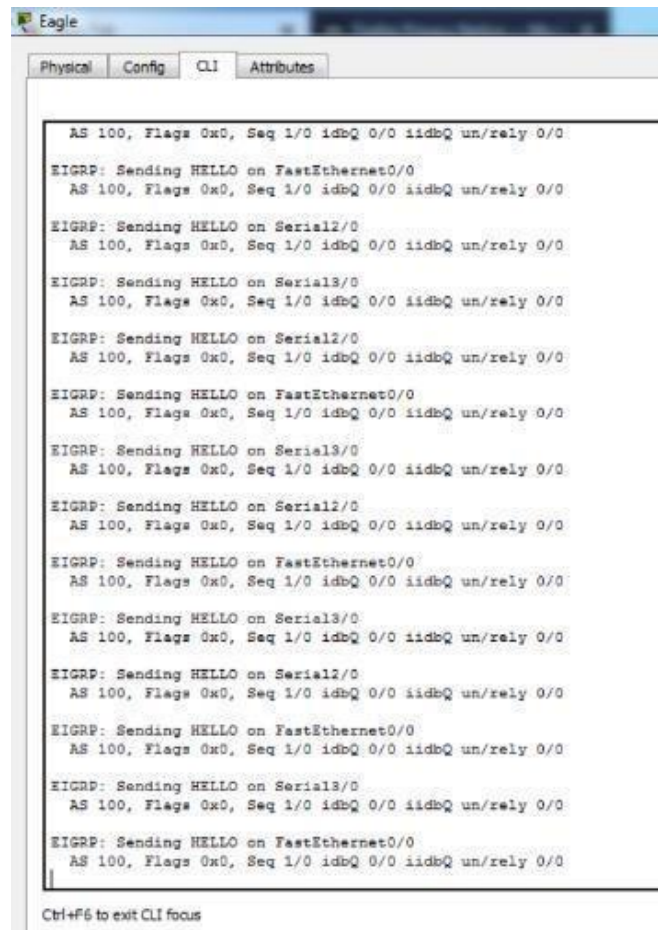
The screenshot shows the Eagle network simulator window with the 'CLI' tab selected. The 'IOS Command Line Interface' window displays the following configuration:

```
!
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--
```

Below the CLI window, there is a status bar with the text 'Ctrl+F6 to exit CLI focus' and two buttons: 'Copy' and 'Paste'. At the bottom left of the Eagle window, there is a 'Top' button.

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.



```
Eagle
Physical Config CLI Attributes

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

Ctrl+F6 to exit CLI focus
```

Tugas 6A : Jelaskan secara singkat proses tersebut

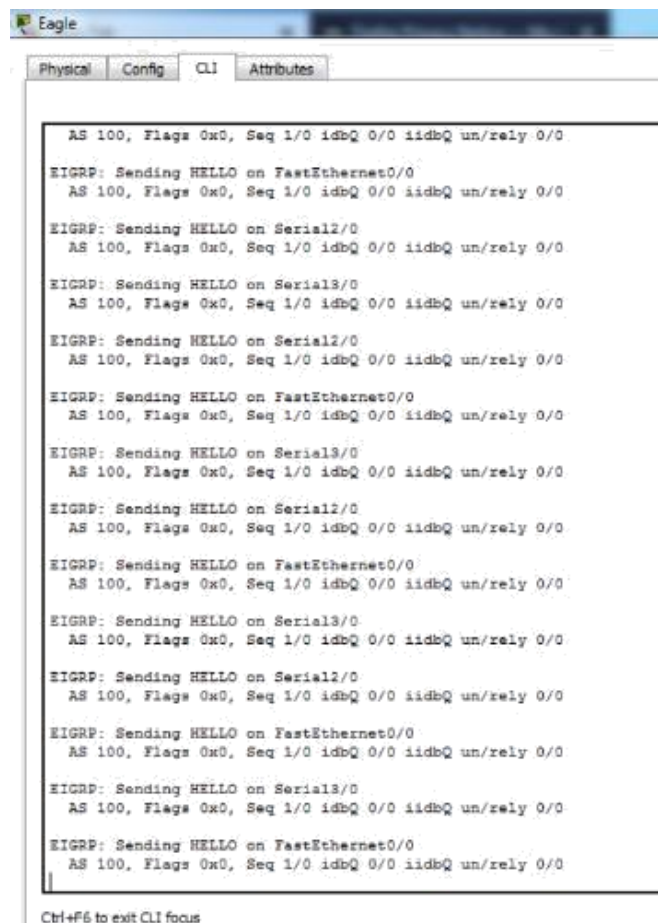
Jawab :

```
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)

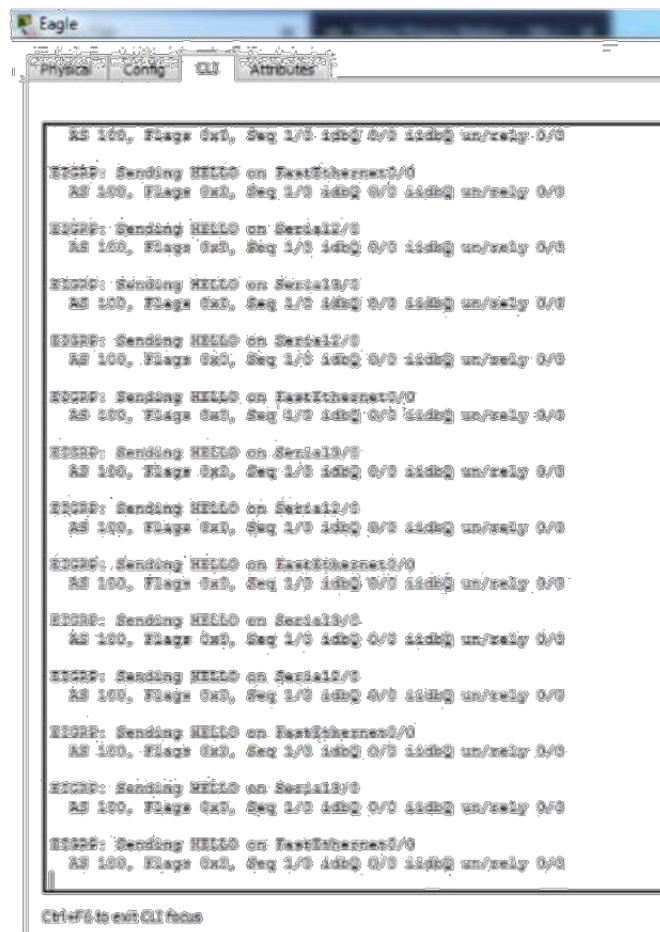
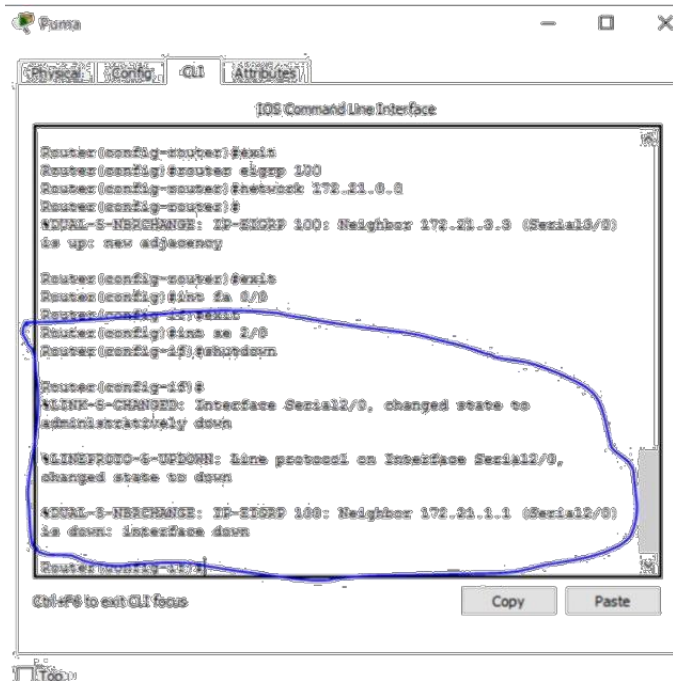
Jawab : Setelah router puma di konfigurasi maka di router eagle otomatis meng-update kemudian mengirim ACK hingga proses selesai.

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 :

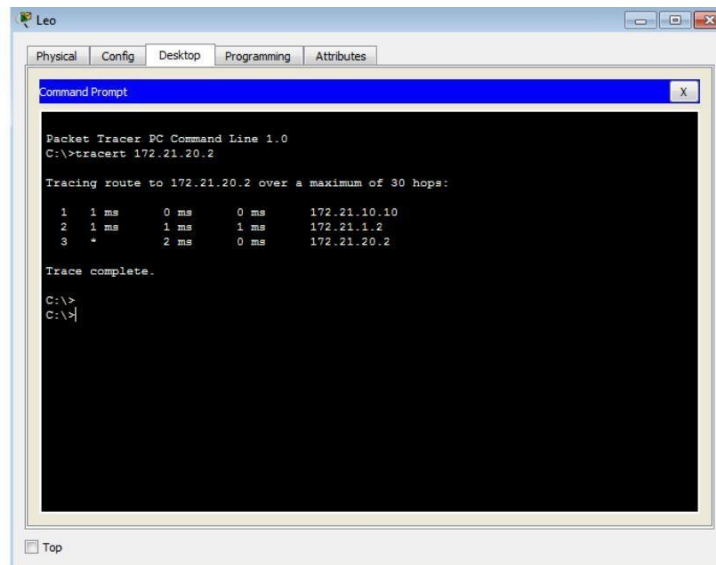


Setelah pemutusan pada router puma dan eagle pada router puma, maka akan ada notifikasi dan update pada router eagle.

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

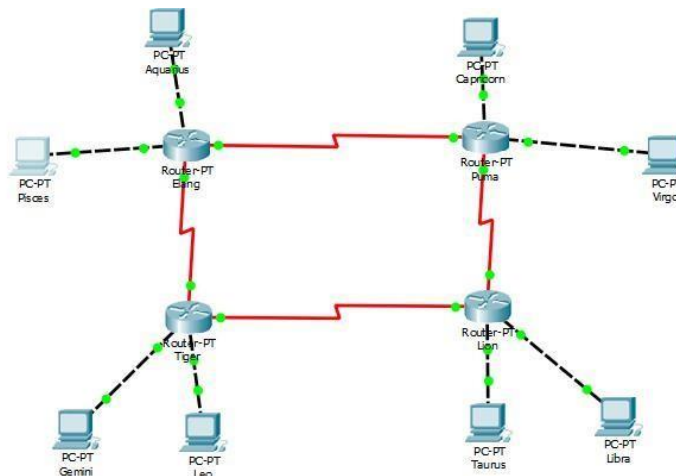
Trace complete.

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

0.1

IOS Command Line Interface

```

aoute1#>enabl#
aoute1#s
;router#config# terminal
nter configuration eonw.nd#, one per line. End with CNTL/Z.
aoute1#config#intel#fae fast#thernet0/0
.loute1#Ceonfig-1f#tno ip adr***
aoute1#rleonfig-1f#tip adr*** 172.21.20.10 2SS.2SS.O.O
aoute1#Ceonfig-1f#tip adr*** 172.21.20.10 2SS.2SS.O.O
aoute1#Ceonfig-1f#tlp adr#e** 172.21.20.10 2SS.2SS.2SS.O
aoute1#Ceonfig-1f#f
;router#Ceonfig-1f#text1
aoute1#Ceonfig#tinterfae Fast!thernet1/0
aoute1#Ceonfig-1f#flp address 172.21.30.20 2SS 2SS.2SS 0
aoute1#Ceonfig-1f#flp adr*** 172.21.30.20 2SS 2SS.2SS 0
aoute1#eonfig-1f#f aoute1#Ceonfig-1f#text1t aoute1#config#intel#fae
Fast!thernet0/0
.loute1#Ceonfig-1f#f
aoute1#rleonfig-1f#textit
aoute1#Ceonfig#tinterfae Fast#thernet1/0
aoute1#Ceonfig-1f#t
aoute1#Ceonfig-1f#textit
aoute1#rleonfig#tinterfae Serial2/0
;router#Ceonfig-1f#tip address 172.21.1.2 2SS.2SS.2SS.O

```

OJ	Attributes
----	------------

IOS Command Interface

```
Router>enabl
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 18.255.0.0
Router(config-if)#ip address 172.21.30.10 255.255.255.0
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)#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)#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)#exit
```

Cb1-+f-6 to eXJt 0.1 focus

ges ..

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 is configured with static IP 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 is also configured with static IP, auto config, and a link local address FE80::230:A3FF:FE77:BEE.

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

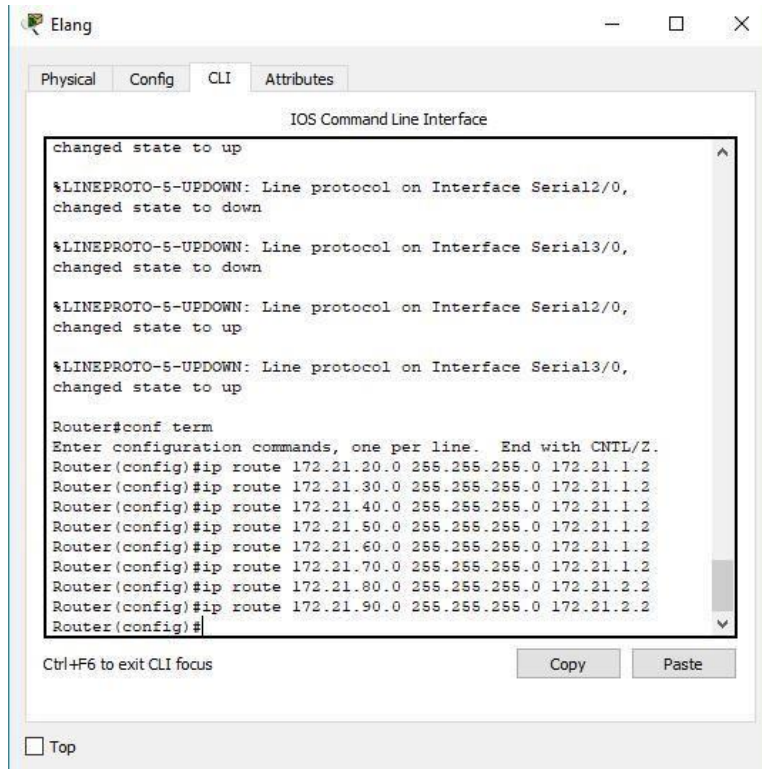
Ping statistics for 172.21.10.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 108ms, Average = 27ms
```

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



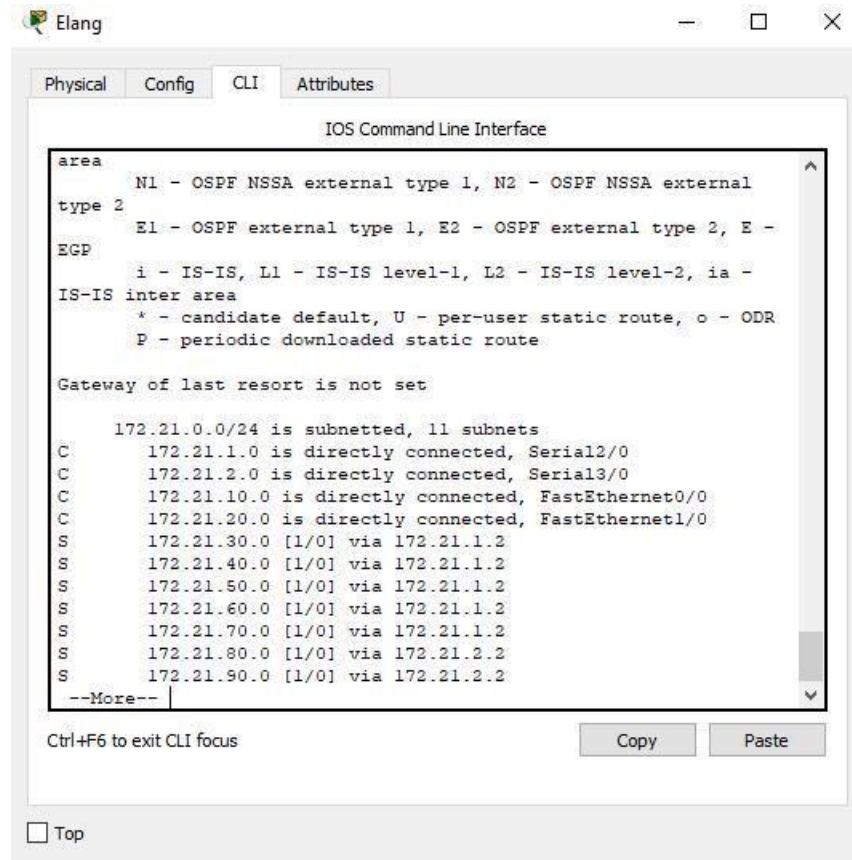
The screenshot shows a window titled "Elang" with a tabbed interface. The "CLI" tab is selected, displaying the "IOS Command Line Interface". The interface shows a sequence of commands and their outputs:

```
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 status bar with the text "Ctrl+F6 to exit CLI focus" and two buttons: "Copy" and "Paste". At the bottom left, there is a checkbox labeled "Top".

6. Show ip route



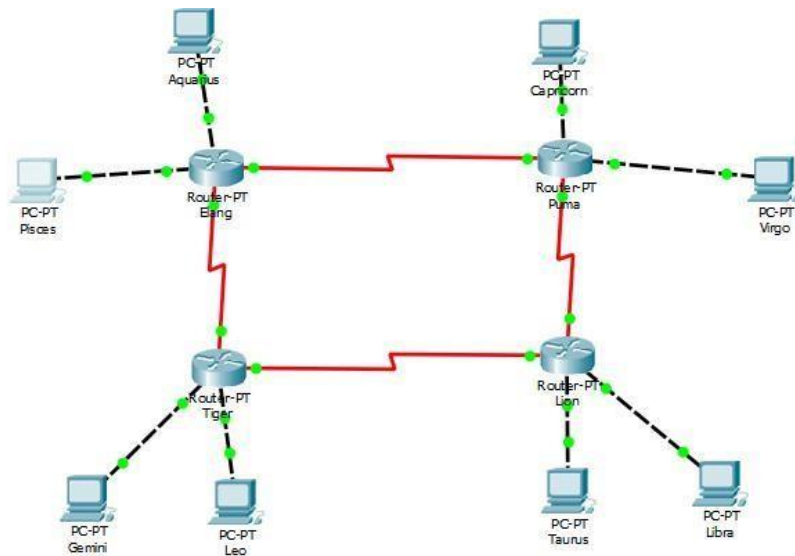
7. PING PC Pisces ke Libra

```
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, Serial2/0
C   172.21.2.0 is directly connected, Serial3/0
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.

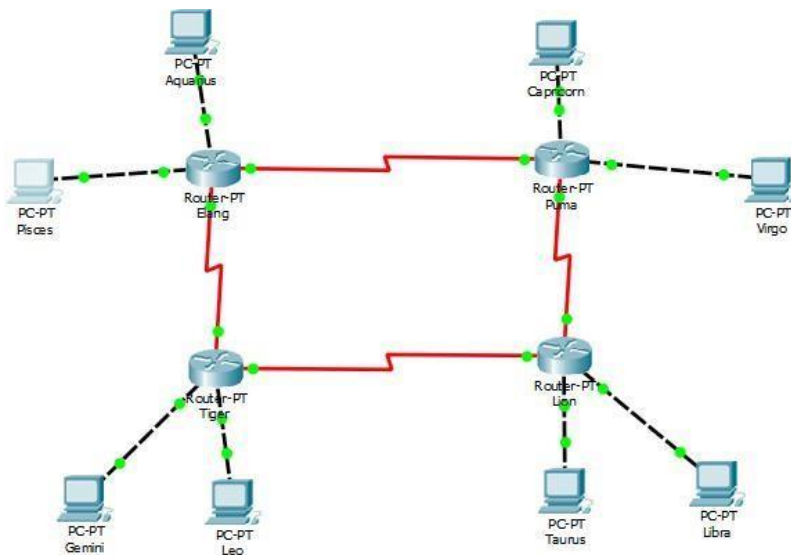
```
C:\>ping 172.21.30.1

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
```