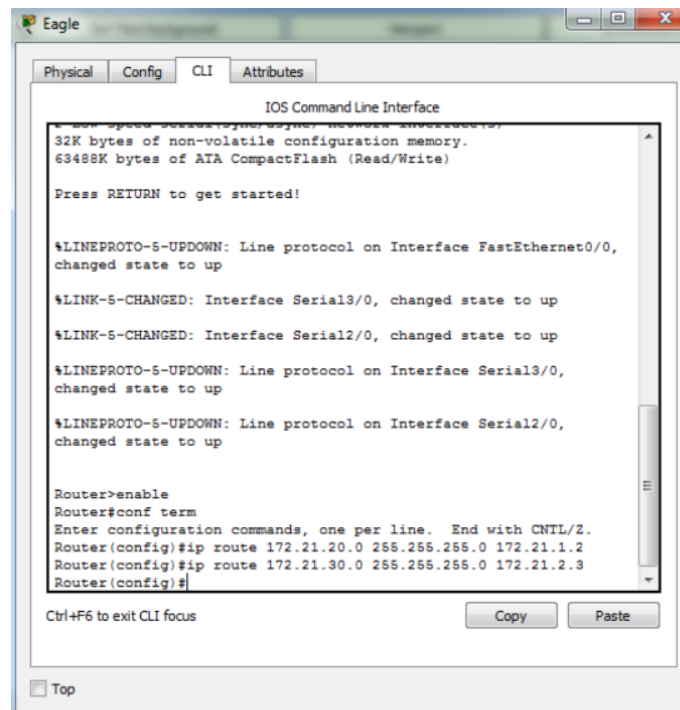


Tugas Praktikum Jarkom
Modul 7
Packet Filtering Dengan Access List

Kegiatan 1.

Static Routing.

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



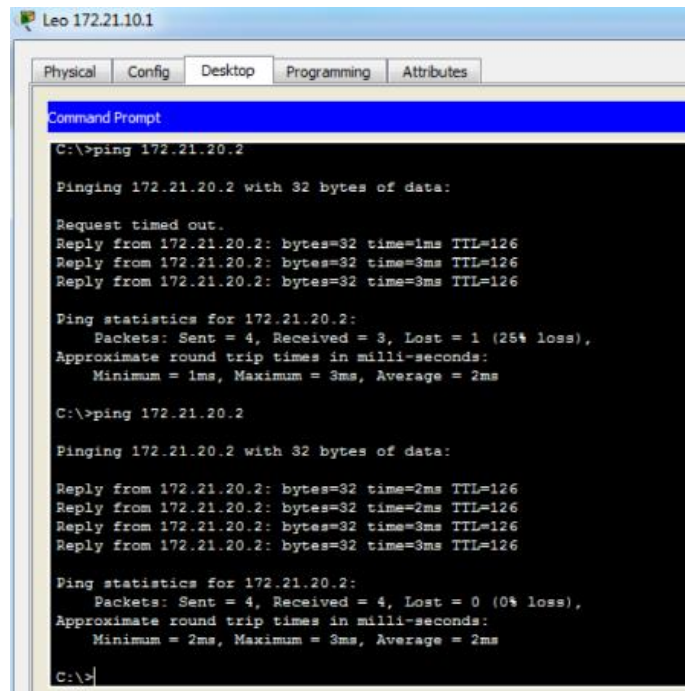
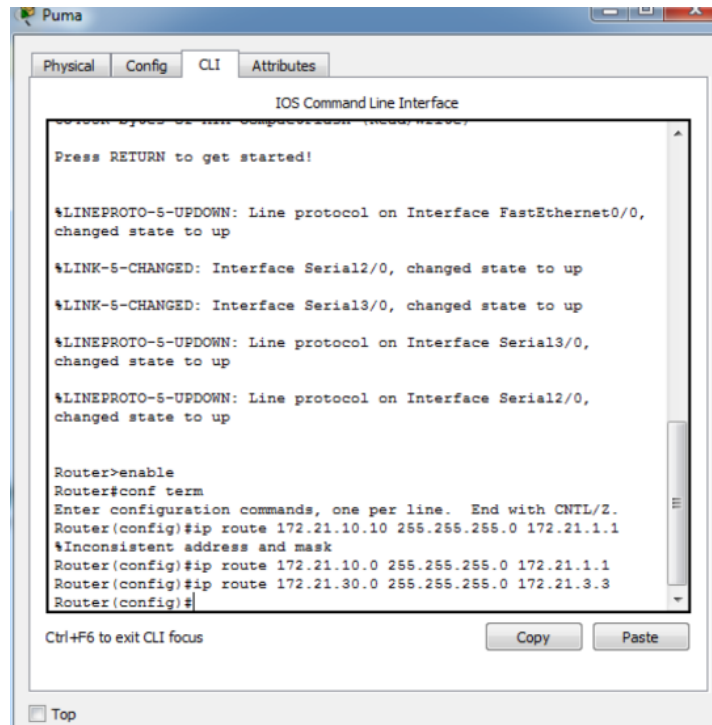
```
IOS Command Line Interface
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)

Press RETURN to get started!

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up
%LINK-5-CHANGED: Interface Serial3/0, changed state to up
%LINK-5-CHANGED: Interface Serial2/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0,
changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to up

Router>enable
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 172.21.30.0 255.255.255.0 172.21.2.3
Router(config)#
```

Muhibah Fata Tika
L200170156
D
Jarkom



Muhibah Fata Tika
L200170156
D
Jarkom

Tugas 12A: Apakah mendapat tanggapan dari leo? Jelaskan secara singkat mengapa demikian.

Ya mendapatkan. Karena sudah dibuat routing untuk lewat jalur tersebut.

Tugas 13A: 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?

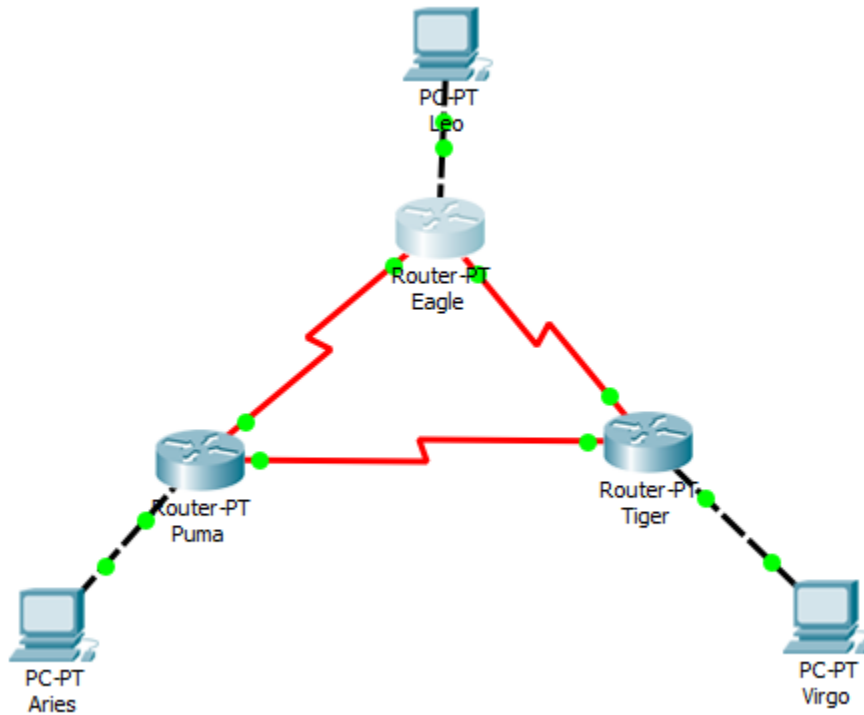
- 1. Lakukan konfigurasi pada router eagle.**
- 2. Lakukan konfigurasi pada PC Leo dan ubah default gateway.**
- 3. Lakukan routing pada masing masing router sesuai dengan blok ip pc**
- 4. Lakukan pengecekan dengan cara (ping)**

Muhibah Fata Tika
L200170156
D
Jarkom

Kegiatan 2.

Rip (Routing Information Protocol)

1. Dari Packet Tracer, buka(load) topologi NetMap yang dipakai **Kegiatan 1**.



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

Muhibah Fata Tika
L200170156
D
Jarkom

```
!  
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?

Karena pada 172.21.0.0 mencakup semua alamat jaringan.

Tugas 5A : Jelaskan secara singkat proses tersebut.

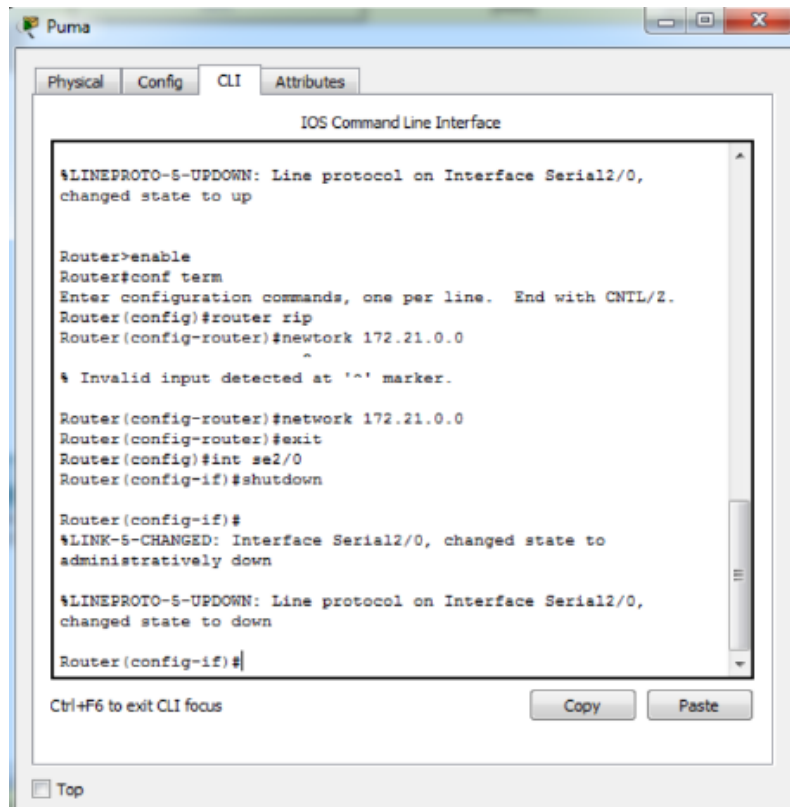
```
Router#  
Router#  
Router#debug ip rip  
RIP protocol debugging is on  
Router#RIP: sending v1 update to 255.255.255.255 via  
FastEthernet0/0 (172.21.10.10)  
RIP: build update entries  
network 172.21.1.0 metric 1  
network 172.21.2.0 metric 1  
RIP: sending v1 update to 255.255.255.255 via Serial2/0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

Muhibah Fata Tika
L200170156
D
Jarkom

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

```
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)

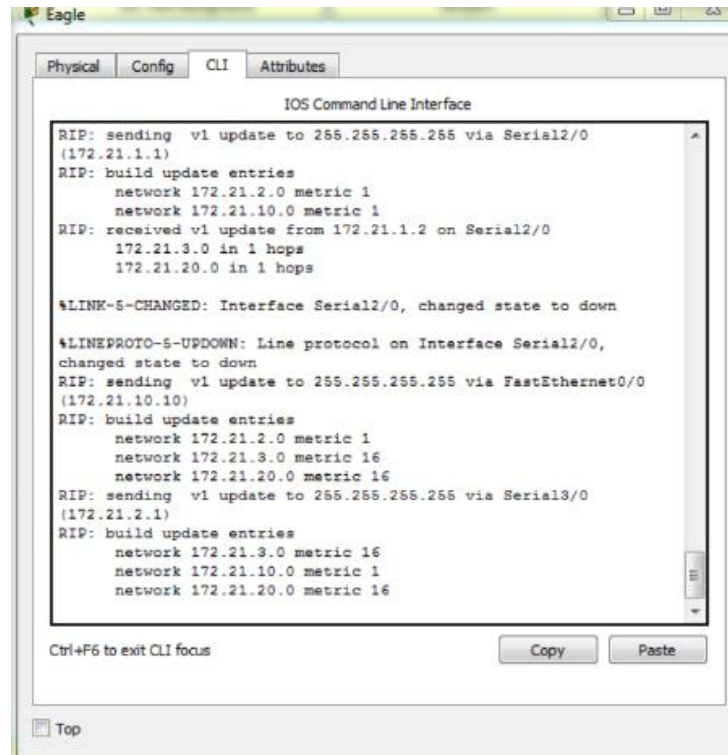


Tugas 6C : Jika alamat jaringan pada segmen leo diubah dari 172.21.100.0/24. Apakah perlu dilakukan perubahan konfigurasi pada setiap router agar PC leo dapat dihubungi (ping) dari PC aries dan virgo? Mengapa demikian?

Muhibah Fata Tika
L200170156
D
Jarkom

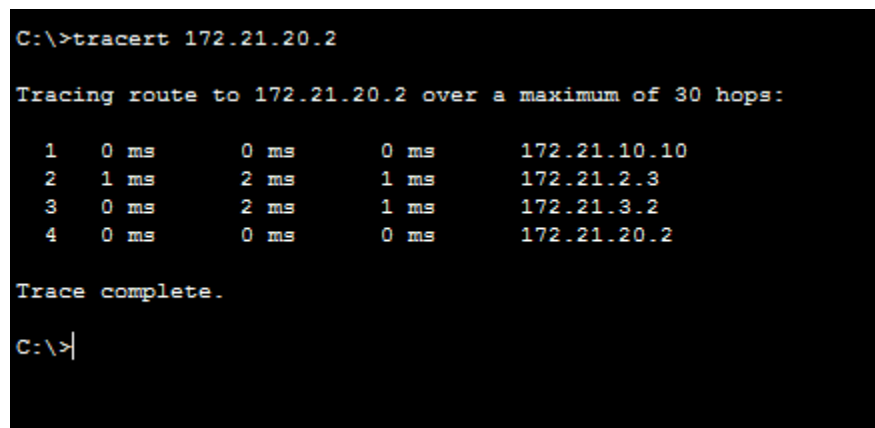
Tidak perlu, karena masih dalam satu jaringan.

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)



```
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.



```
C:\>tracert 172.21.20.2

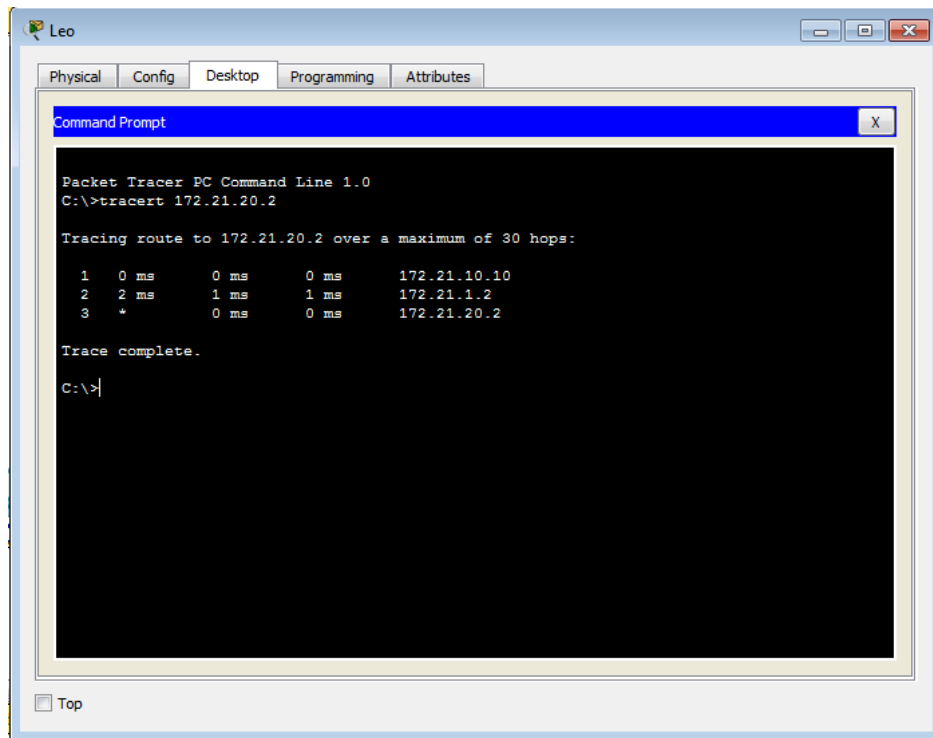
Tracing route to 172.21.20.2 over a maximum of 30 hops:

  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:\>|
```

Muhibah Fata Tika
L200170156
D
Jarkom



The screenshot shows a Packet Tracer PC Command Line window for a device named 'Leo'. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Command Prompt shows the command 'C:\>tracert 172.21.20.2' and its output. The output indicates a successful trace to 172.21.20.2 over 3 hops. The first hop is 172.21.10.10 with 0 ms delay. The second hop is 172.21.1.2 with 2 ms delay. The third hop is 172.21.20.2 with a delay of '*' (indicating a timeout or high delay). The trace is complete.

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

Trace complete.

C:\>
```

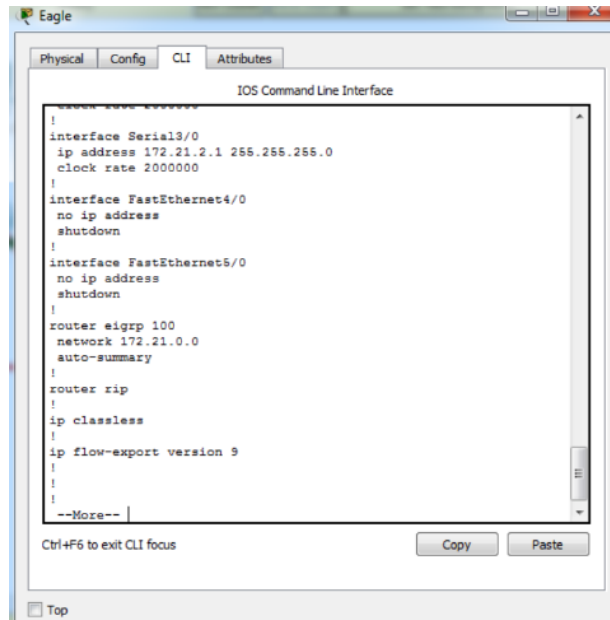
Karena hubungan sudah di downkan, maka routing RTO karena sudah tidak terhubung.

Muhibah Fata Tika
L200170156
D
Jarkom

Kegiatan 3.

EIGRP(Interior Gateway Routing Protocol)

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



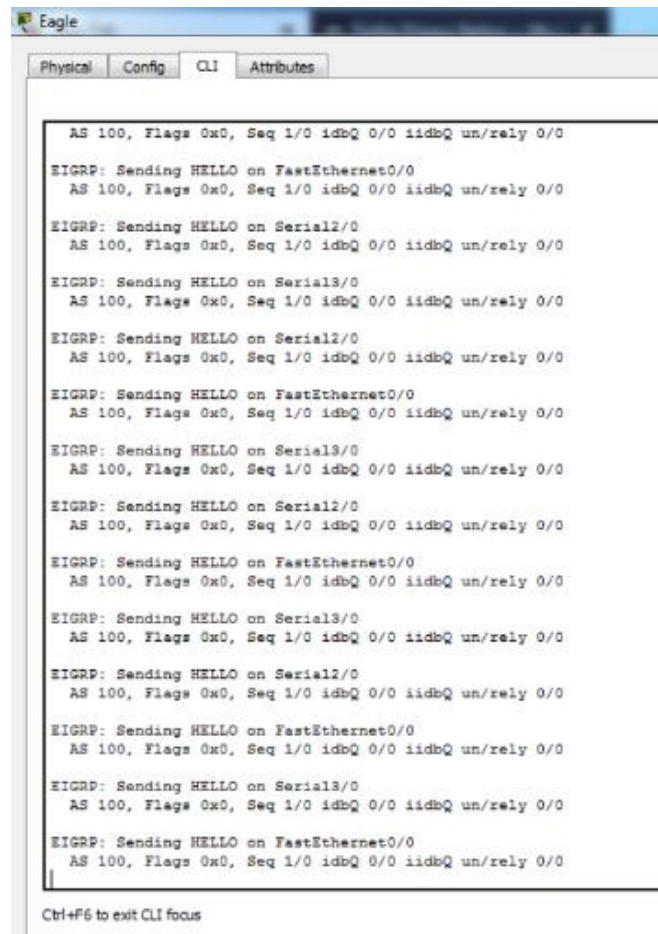
```
!
interface Serial3/0
 ip address 172.21.2.1 255.255.255.0
 clock rate 2000000
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
router eigrp 100
 network 172.21.0.0
 auto-summary
!
router rip
!
 ip classless
!
 ip flow-export version 9
!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

Ctrl+F6 to exit CLI focus

Copy Paste

Top

- Tugas 5A : Jelaskan secara singkat proses tersebut?

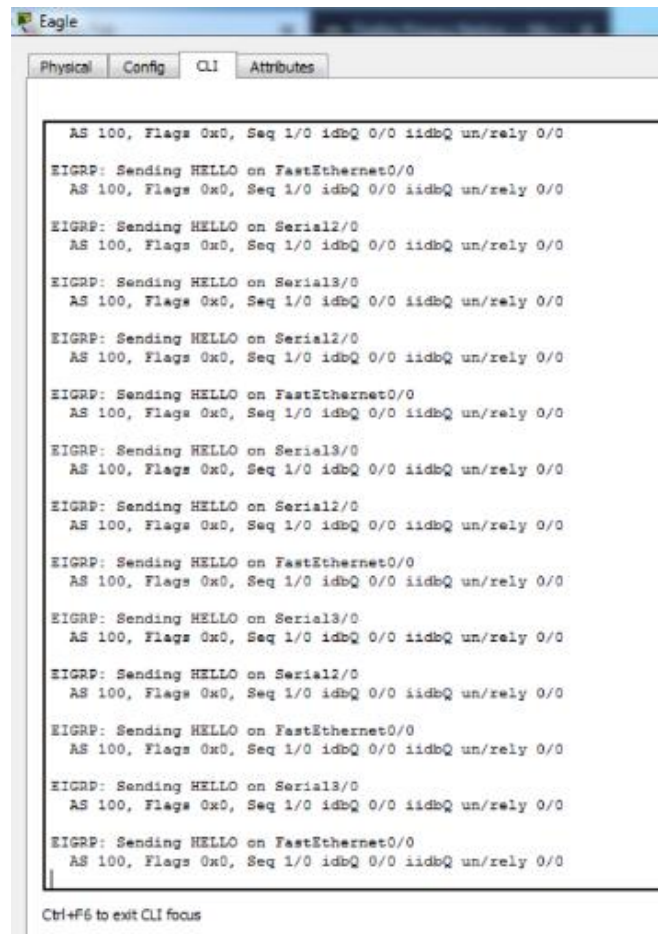


- Tugas 6A : Jelaskan secara singkat proses tersebut

```
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).



```
Eagle
Physical Config CLI Attributes
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
Ctrl+F6 to exit CLI focus
```

- 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 tambahkan subnet yang terjadi)

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?

Tidak perlu karna dalam jaringan yang sama.

- Tugas 9A : Jelaskan secara singkat proses update yang terjadi pada router

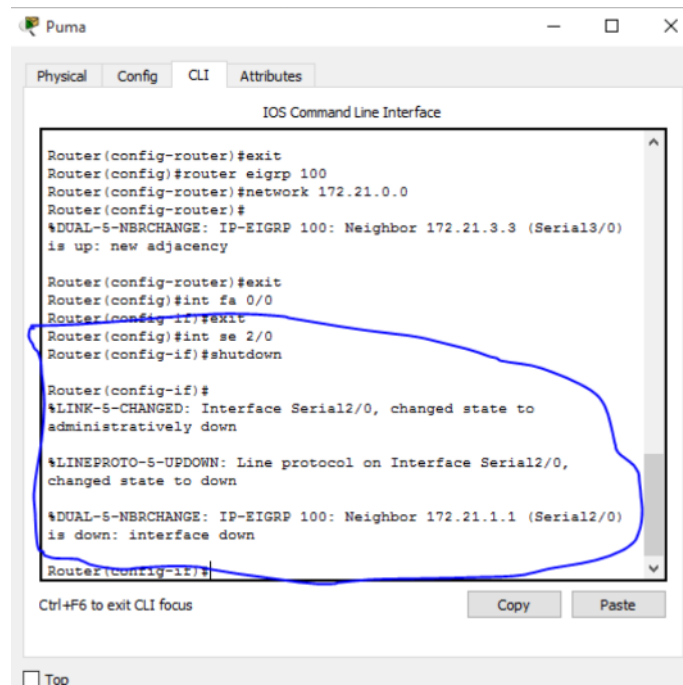
Muhibah Fata Tika

L200170156

D

Jarkom

eagle.(perhatikan bagian"EIGRP : Received updated from 172.21.2.3 on Serial1")



```
Router(config-router)#exit
Router(config)#router eigrp 100
Router(config-router)#network 172.21.0.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 172.21.3.3 (Serial3/0)
is up: new adjacency

Router(config-router)#exit
Router(config)#int fa 0/0
Router(config-if)#exit
Router(config)#int se 2/0
Router(config-if)#shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to
administratively down

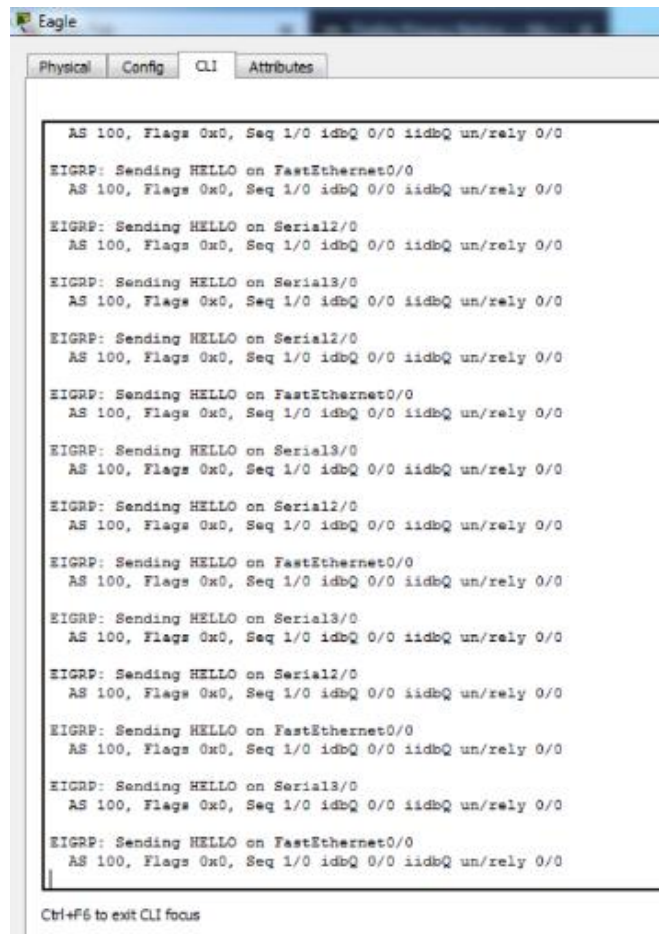
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to down

%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 172.21.1.1 (Serial2/0)
is down: interface down

Router(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

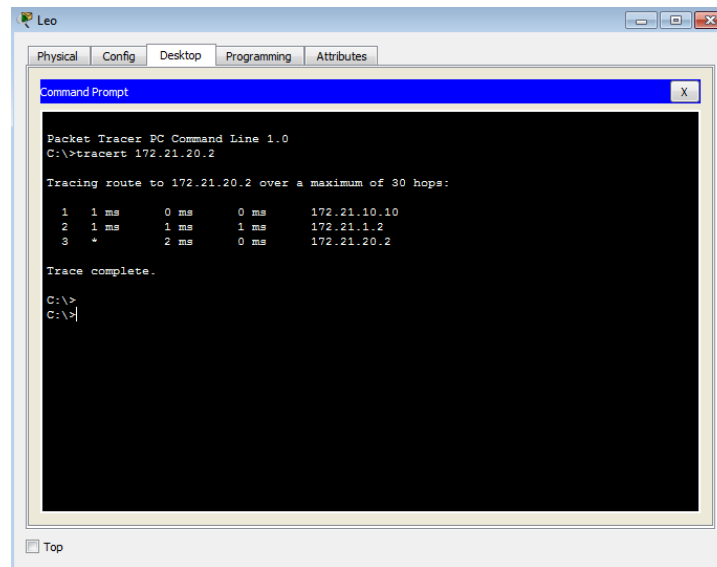


```
Eagle
Physical Config CLI Attributes
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial2/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on Serial3/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
EIGRP: Sending HELLO on FastEthernet0/0
AS 100, Flags 0x0, Seq 1/0 idbQ 0/0 iadbQ un/rely 0/0
Ctrl+F6 to exit CLI focus
```

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.

Muhibah Fata Tika
L200170156
D
Jarkom



```
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:\>|
```

Muhibah Fata Tika

L200170156

D

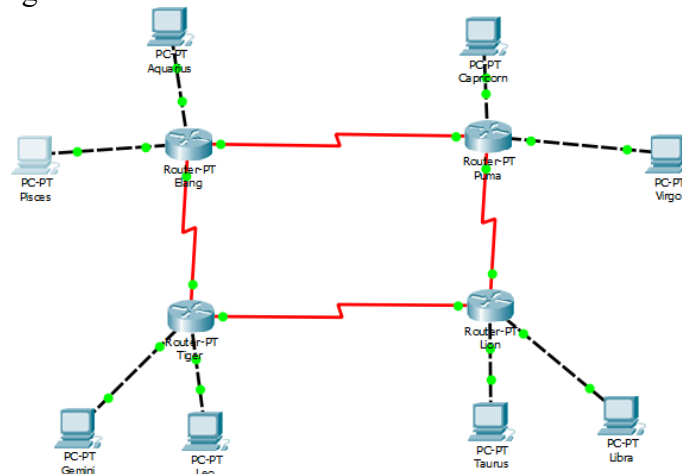
Jarkom

D. TUGAS MODUL 5

1. Buatlah konfigurasi static routing dan dynamic routing yang terdiri dari 4 router dan setiap router terdiri dari 2 pc. Dengan ip address sesuai kebutuhan!.

Static Routing.

1. Gambar Topologi



2. Konfigurasi masing masing router.

Elang

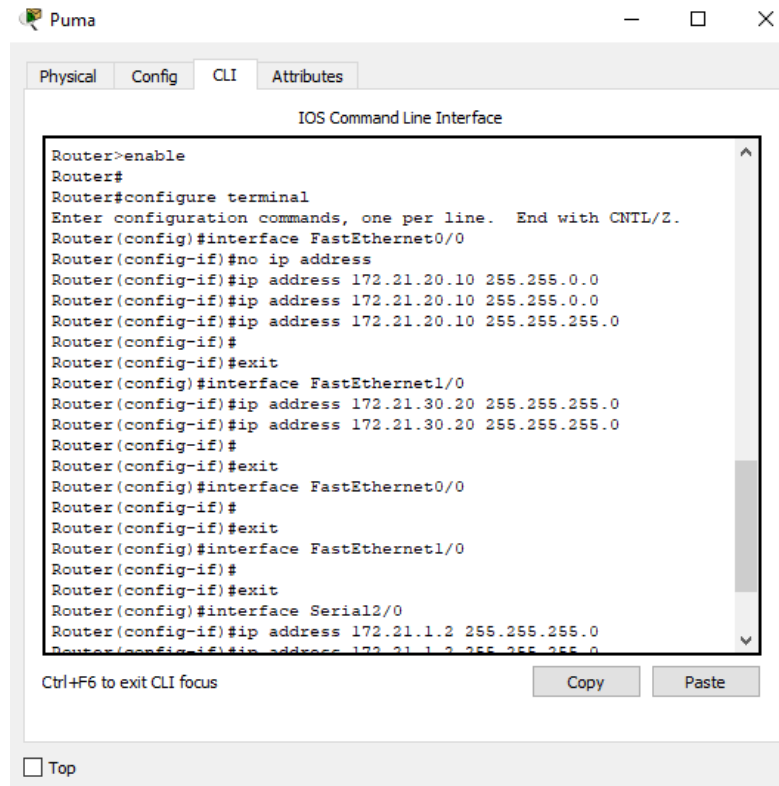
```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 172.21.10.10 255.255.0.0
Router(config-if)#ip address 172.21.10.10 255.255.0.0
Router(config-if)#ip address 172.21.10.10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

Muhibah Fata Tika
L200170156
D
Jarkom

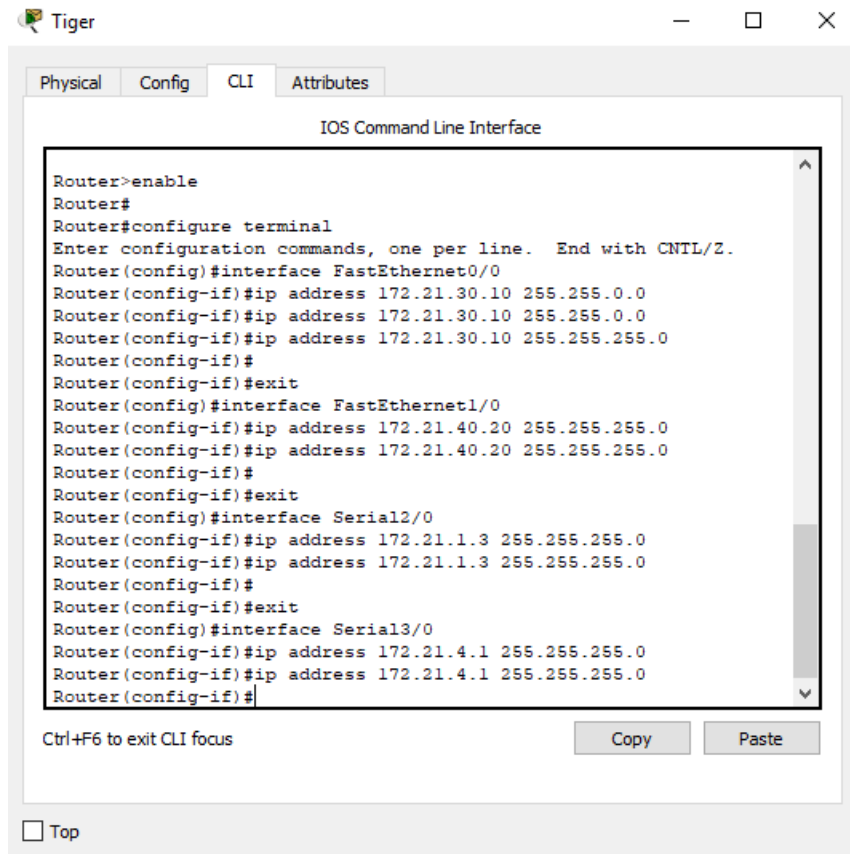


The screenshot shows a window titled "Puma" with a tabbed interface. The "CLI" tab is selected, displaying the "IOS Command Line Interface". The terminal window shows the following commands and their outputs:

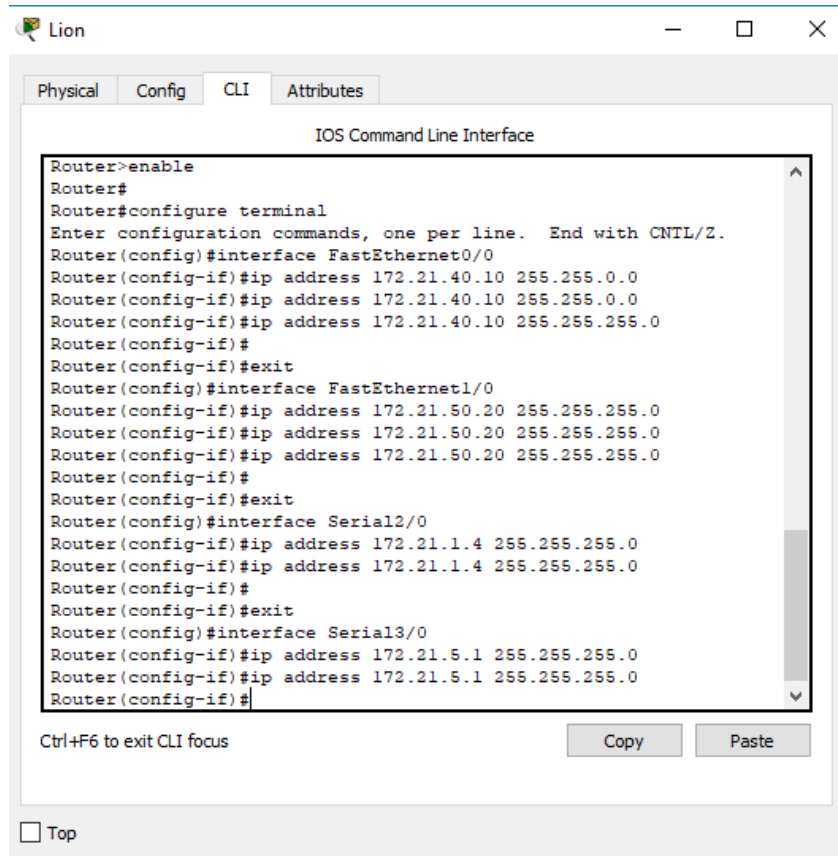
```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no ip address
Router(config-if)#ip address 172.21.20.10 255.255.0.0
Router(config-if)#ip address 172.21.20.10 255.255.0.0
Router(config-if)#ip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

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

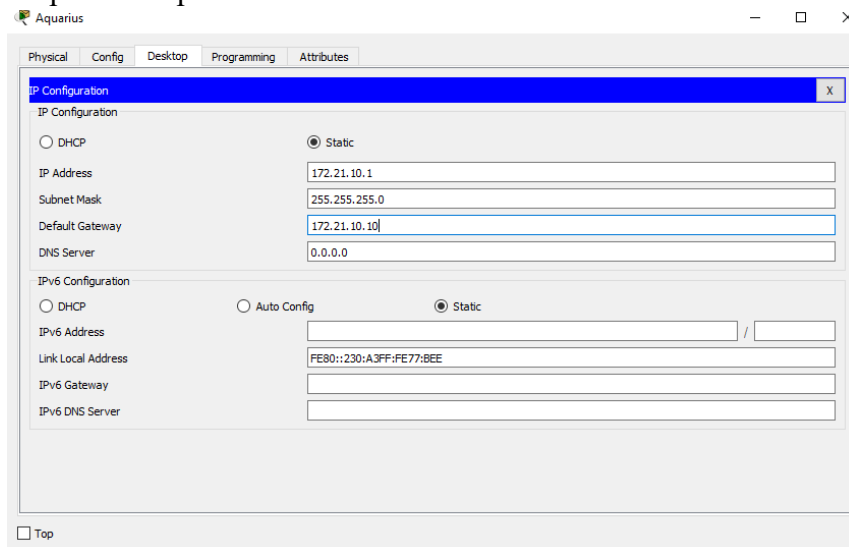
Muhibah Fata Tika
L200170156
D
Jarkom



Muhibah Fata Tika
L200170156
D
Jarkom



3. Konfigurasi pada setiap PC.



Muhibah Fata Tika
L200170156
D
Jarkom

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
```

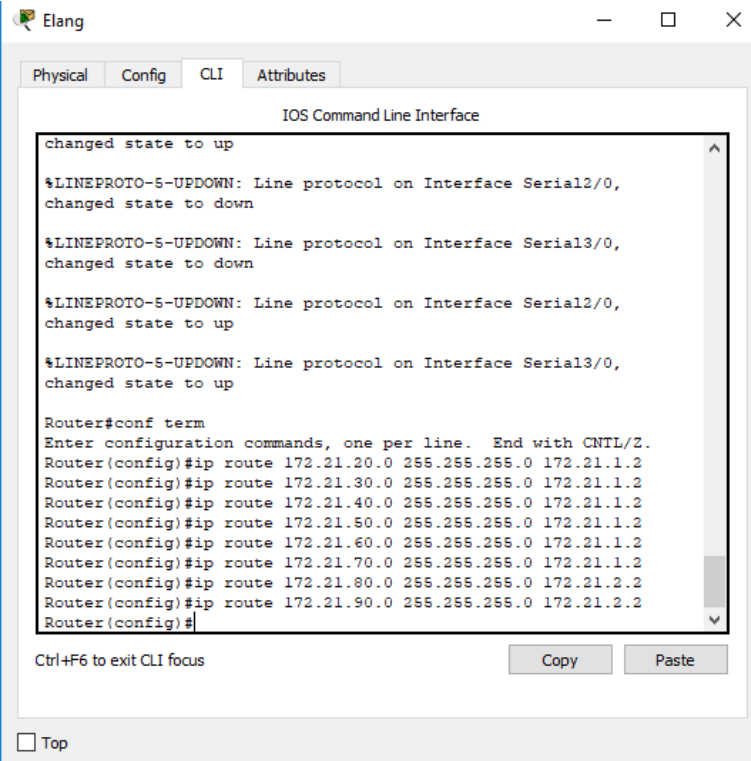
dari Router Elang ke Router Puma.

```
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

Muhibah Fata Tika
L200170156
D
Jarkom



```
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)#
```

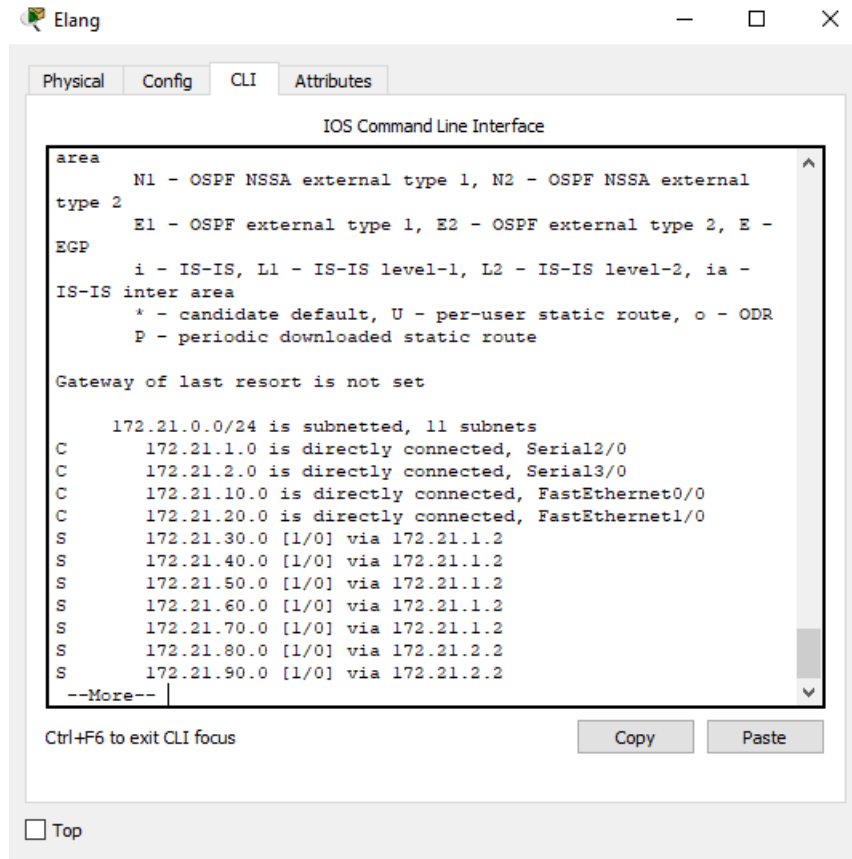
Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

6. Show ip route

Muhibah Fata Tika
L200170156
D
Jarkom



7. PING PC Pisces ke Libra

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.50.1

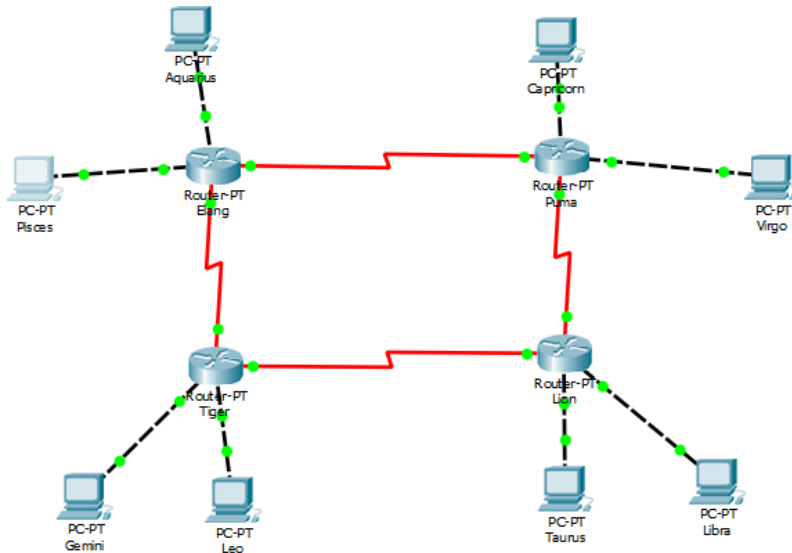
Pinging 172.21.50.1 with 32 bytes of data:

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
```

Muhibah Fata Tika
L200170156
D
Jarkom

DinamicRouting Tang.



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
```

Muhibah Fata Tika
L200170156
D
Jarkom

2. Melakukan PING PC Gemini ke Capricorn.

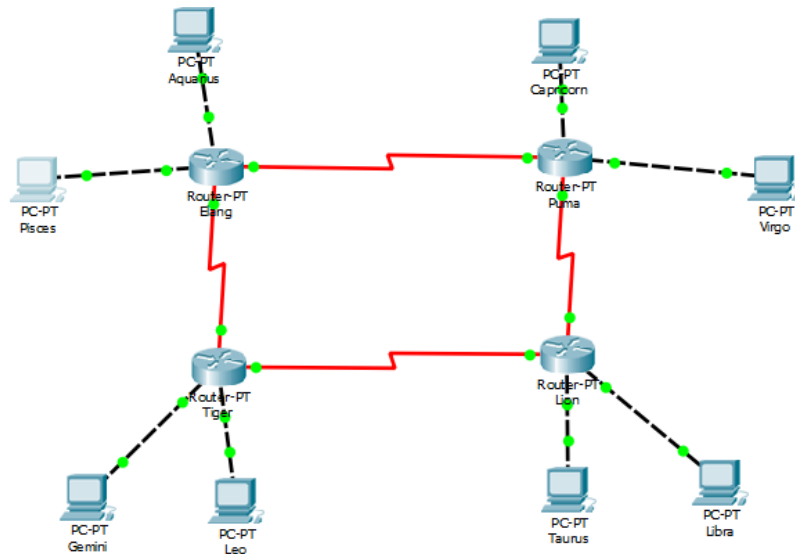
```
C:\>ping 172.21.30.1

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)#
```

Muhibah Fata Tika
L200170156
D
Jarkom

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
```