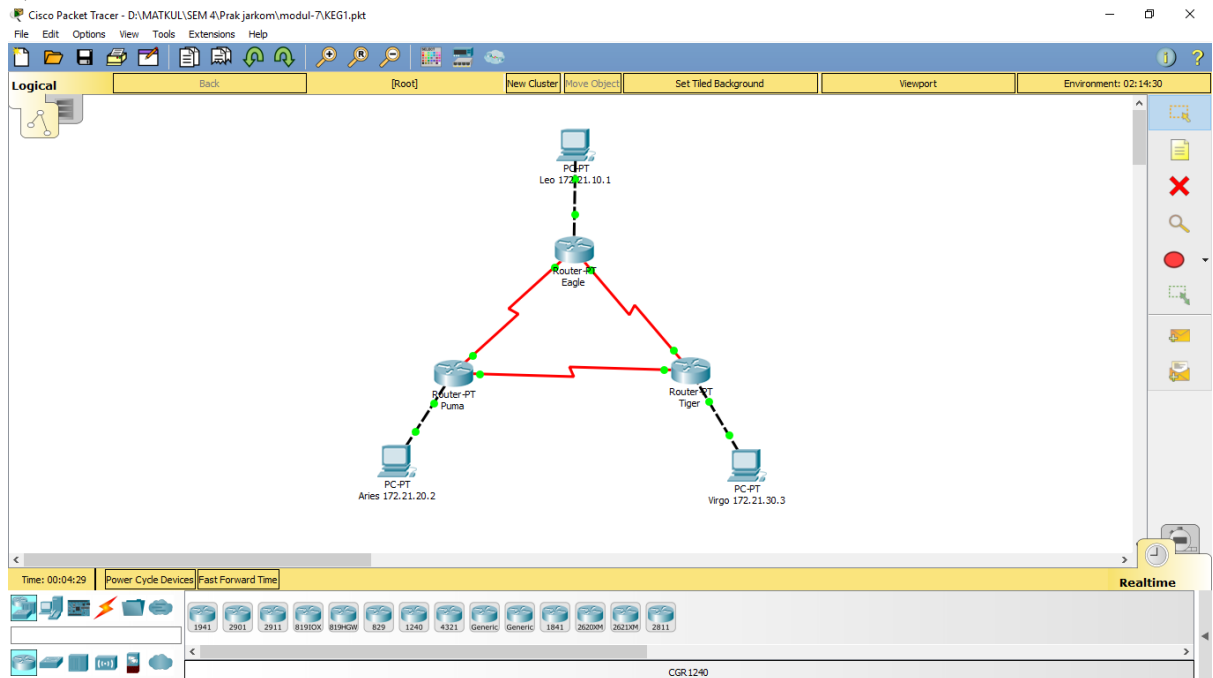


NAMA : Fitri Cahya Kusumawati
NIM : L200170110
KELAS : C
MODUL : 7

Kegiatan 1

1. Membuat topologi dengan menggunakan Router generic
2. Beri nama masing – masing denganagle (Router 1), puma (Router 2), dan tiger (Router 3)



3. Konfigurasi masing – masing interface pada tiap Router dengan alamat IP berikut ini :
 - Eagle (ethernet 0) = 172.21.10.10 / 24
 - Eagle (Serial 2) = 172.21.1.1 / 24
 - Eagle (serial 3) = 172.21.2.1 / 24
 - Puma (ethernet 0) = 172.21.20.20 / 24
 - Puma (Serial 2) = 172.21.1.2 / 24
 - Puma (serial 3) = 172.21.3.2 / 24
 - Tiger (ethernet 0) = 172.21.30.30 / 24
 - Tiger (serial 2) = 172.21.2.3 / 24
 - Tiger (serial 3) = 172.21.3.3 / 24
4. Konfigurasi masing – masing PC dengan nama dan alamat IP :
 - Leo (PC 1) = 172.21.10.1 / 24 dan default gateway 172.21.10.10
 - Aries (PC 2) = 172.21.20.2 / 24 dan default gateway 172.21.20.20
 - Virgo (PC 3) = 172.21.30.3 / 24 dan default gateway 172.21.30.30

5. Lakukan konfigurasi langkah di bawah ini.

Tugas 7A :

Router Eagle

```
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 172.21.10.10 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-6-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#int se2/0
Router(config-if)#clock rate 2000000
Router(config-if)#ip address 172.21.1.1 255.255.255.0
Router(config-if)#no shutdown

%LINK-6-CHANGED: Interface Serial2/0, changed state to down
Router(config-if)#exit
Router(config)#int se3/0
Router(config-if)#clock rate 2000000
Router(config-if)#ip address 172.21.2.1 255.255.255.0
Router(config-if)#no shutdown
^
% Invalid input detected at '^' marker.

Router(config-if)#no shutdown

%LINK-6-CHANGED: Interface Serial3/0, changed state to down
Router(config-if)#
%LINK-6-CHANGED: Interface Serial2/0, changed state to up
%LINEPROTO-6-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
%LINK-6-CHANGED: Interface Serial3/0, changed state to up
%LINEPROTO-6-UPDOWN: Line protocol on Interface Serial3/0, changed state to up
```

Router Puma

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#clock rate 2000000
^
% Invalid input detected at '^' marker.

Router(config-if)#ip address 172.21.20.20 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-6-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#int se2/0
Router(config-if)#clock rate 2000000
This command applies only to DCE interfaces
Router(config-if)#ip address 172.21.1.2 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-6-CHANGED: Interface Serial2/0, changed state to up

Router(config-if)#exit
Router(config)#int s
%LINEPROTO-6-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

% Incomplete command.
Router(config)#int se3/0
Router(config-if)#clock rate 2000000
Router(config-if)#ip address 172.21.3.2 255.255.255.0
Router(config-if)#no shutdown

%LINK-6-CHANGED: Interface Serial3/0, changed state to down
Router(config-if)#
%LINK-6-CHANGED: Interface Serial3/0, changed state to up
```

Router Tiger

```
Router>enable
Router#
Router>configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#clock rate 2000000
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)#clock rate 2000000
This command applies only to DCE interfaces
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)#int
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
% Incomplete command
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
Router(config-if)#
```

6. Ping ke alamat router puma (172.21.20.20) dari router eagle

Tugas 8A : mendapat tanggapan dari puma, terhubung dengan puma

```
Router>enable
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 100 percent (5/5), round-trip min/avg/max =
1/19/93 ms

Router#
```

7. Tracert PC Leo ke PC Aries

Tugas 9A : Hasilnya eagle (etherner 0), puma (serial 2), gateway puma

```
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  0 ms    4 ms    3 ms    172.21.20.2

Trace complete.

C:\>
```

8. Tracert ke alamat router eagle (172.21.1.1)

Tugas 10A : hasilnya eagle (serial 2)

```
Packet Tracer PC Command Line 1.0
C:\>tracert 172.21.1.1

Tracing route to 172.21.1.1 over a maximum of 30 hops:

  1  3 ms    0 ms    0 ms    172.21.1.1

Trace complete.

C:\>
```

9. - Menambahkan route table pada router eagle

```
Router>en
Router#conf
Configuring from terminal, memory, or network [terminal]?
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)#
```

Ctrl+F6 to exit CLI focus

Copy

Paste

- Menambahkan route table pada router puma

```
Router>en
Router#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.10.0 255.255.255.0 172.21.1.1
Router(config)#ip route 172.21.30.0 255.255.255.0 172.21.3.3
Router(config)#
```

Ctrl+F6 to exit CLI focus

Copy

Paste

☐ Top

- Menambahkan route table pada router tiger

```
Router>en
Router#conf
Configuring from terminal, memory, or network [terminal]?
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 172.21.20.0 255.255.255.0 172.21.3.2
Router(config)#
```

Ctrl+F6 to exit CLI focus

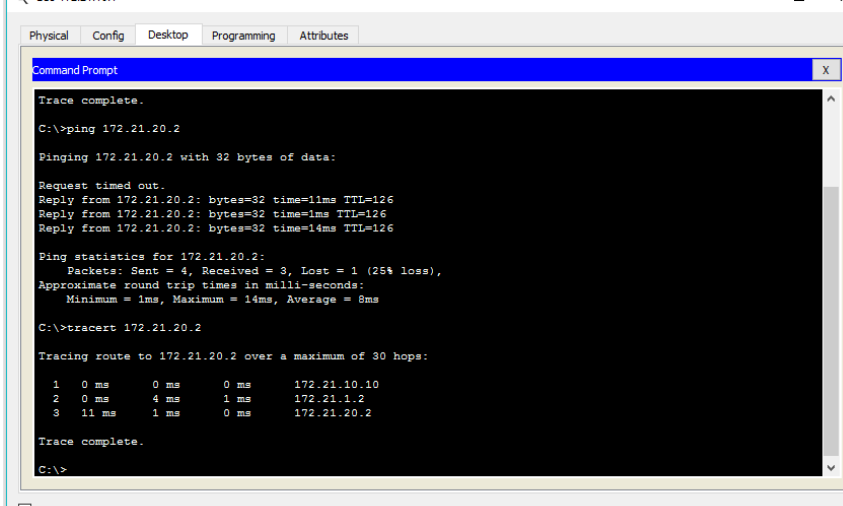
Copy

Paste

☐ Top

10. Ping PC Leo ke PC Aries dan tracert PC Leo ke Aries

Tugas 12A : mendapat reply dari aries dan tracert



```
Physical Config Desktop Programming Attributes
Command Prompt
Trace complete.
C:\>ping 172.21.20.2

Pinging 172.21.20.2 with 32 bytes of data:

Request timed out.
Reply from 172.21.20.2: bytes=32 time=11ms TTL=126
Reply from 172.21.20.2: bytes=32 time=1ms TTL=126
Reply from 172.21.20.2: bytes=32 time=14ms TTL=126

Ping statistics for 172.21.20.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 14ms, Average = 8ms

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  0 ms    4 ms    1 ms    172.21.1.2
  2  11 ms   1 ms    0 ms    172.21.20.2

Trace complete.
C:\>
```

☐ Top

11. Mengubah alamat jaringan pada Leo menjadi 172.21.100.0 / 24

Physical Config Desktop Programming Attributes

IP Configuration

☐ DHCP ☒ Static

IP Address: 172.21.100.1

Subnet Mask: 255.255.255.0

Default Gateway: 172.21.100.10

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☒ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80::20A:41FF:FECE:1008

IPv6 Gateway:

IPv6 DNS Server:

☐ Top

- Konfigurasi ip baru pada router eagle

```
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 172.21.100.10 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

- Konfigurasi ip baru pada router puma

```
Router>en
Router#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.100.0 255.255.255.0 172.21.1.1
Router(config)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

- Konfigurasi ip baru pada router tiger

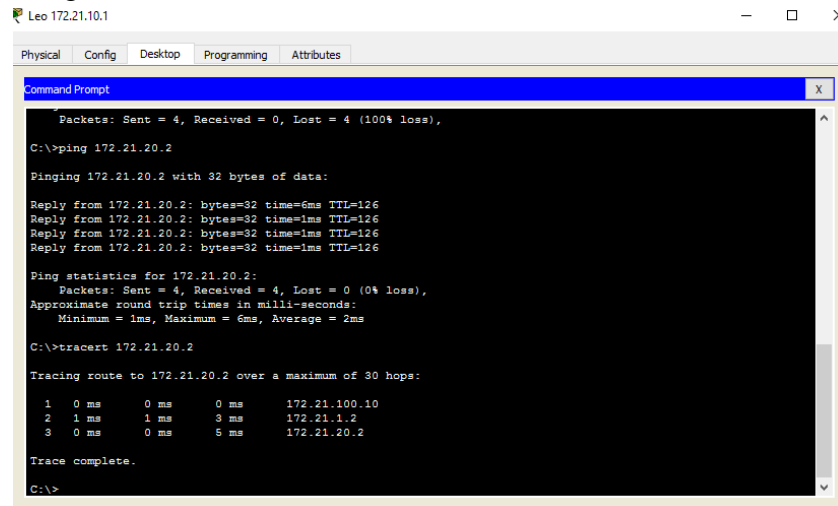
```
Router>en
Router#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.100.0 255.255.255.0 172.21.2.1
Router(config)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

12. Ping dan tracert dari Leo ke Aries



Leo 172.21.10.1

Physical Config Desktop Programming Attributes

Command Prompt

```
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

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=6ms TTL=126
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=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 = 6ms, Average = 2ms

C:\>tracert 172.21.20.2

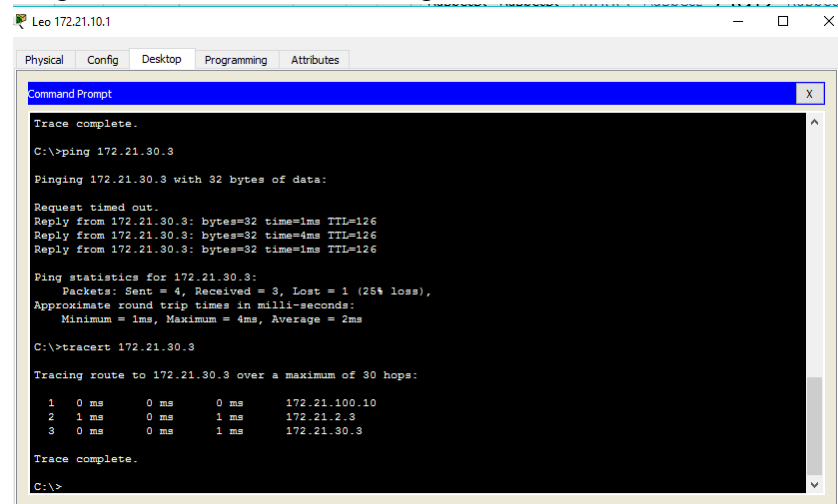
Tracing route to 172.21.20.2 over a maximum of 30 hops:

  1  0 ms    0 ms    0 ms    172.21.100.10
  2  1 ms    1 ms    3 ms    172.21.1.2
  3  0 ms    0 ms    5 ms    172.21.20.2

Trace complete.

C:\>
```

Ping dan tracert dari Leo ke Virgo



Leo 172.21.10.1

Physical Config Desktop Programming Attributes

Command Prompt

```
Trace complete.

C:\>ping 172.21.30.3

Pinging 172.21.30.3 with 32 bytes of data:

Request timed out.
Reply from 172.21.30.3: bytes=32 time=1ms TTL=126
Reply from 172.21.30.3: bytes=32 time=4ms TTL=126
Reply from 172.21.30.3: bytes=32 time=1ms TTL=126

Ping statistics for 172.21.30.3:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 4ms, Average = 2ms

C:\>tracert 172.21.30.3

Tracing route to 172.21.30.3 over a maximum of 30 hops:

  1  0 ms    0 ms    0 ms    172.21.100.10
  2  1 ms    0 ms    1 ms    172.21.2.3
  3  0 ms    0 ms    1 ms    172.21.30.3

Trace complete.

C:\>
```

☐ Top

Kegiatan 2

1. Konfigurasi routing RIP pada router eagle

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#network 172.21.0.0
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

2. Ketik perintah “show running-config”

Tugas 4A : terdapat 1 router RIP yaitu 172.21.0.0

Tugas 4B : Dikarenakan pada pengoperasian hanya di tambahkan network 172.21.0.0

The image displays two screenshots of the Eagle network simulator's IOS Command Line Interface (CLI). The top screenshot shows the initial configuration of a router, including the version (12.2), timestamps, and the hostname (Router). The bottom screenshot shows the full configuration, including interfaces FastEthernet0/0, FastEthernet1/0, Serial12/0, Serial13/0, FastEthernet4/0, and FastEthernet5/0, along with IP addressing, clock rates, and routing protocols.

Top Screenshot: Initial Configuration

```

Router#show running-config
Building configuration...

Current configuration : 795 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
!
!
!
!
!
!
ip cef
no ipv6 cef
.

```

Bottom Screenshot: Full Configuration

```

!
!
!
!
!
!
interface FastEthernet0/0
ip address 172.21.10.10 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet1/0
no ip address
duplex auto
speed auto
shutdown
!
interface Serial12/0
ip address 172.21.1.1 255.255.255.0
clock rate 2000000
!
interface Serial13/0
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 rip
network 172.21.0.0
!
ip classless
!
ip flow-export version 9
!
!

```

Ctrl+F6 to exit CLI focus

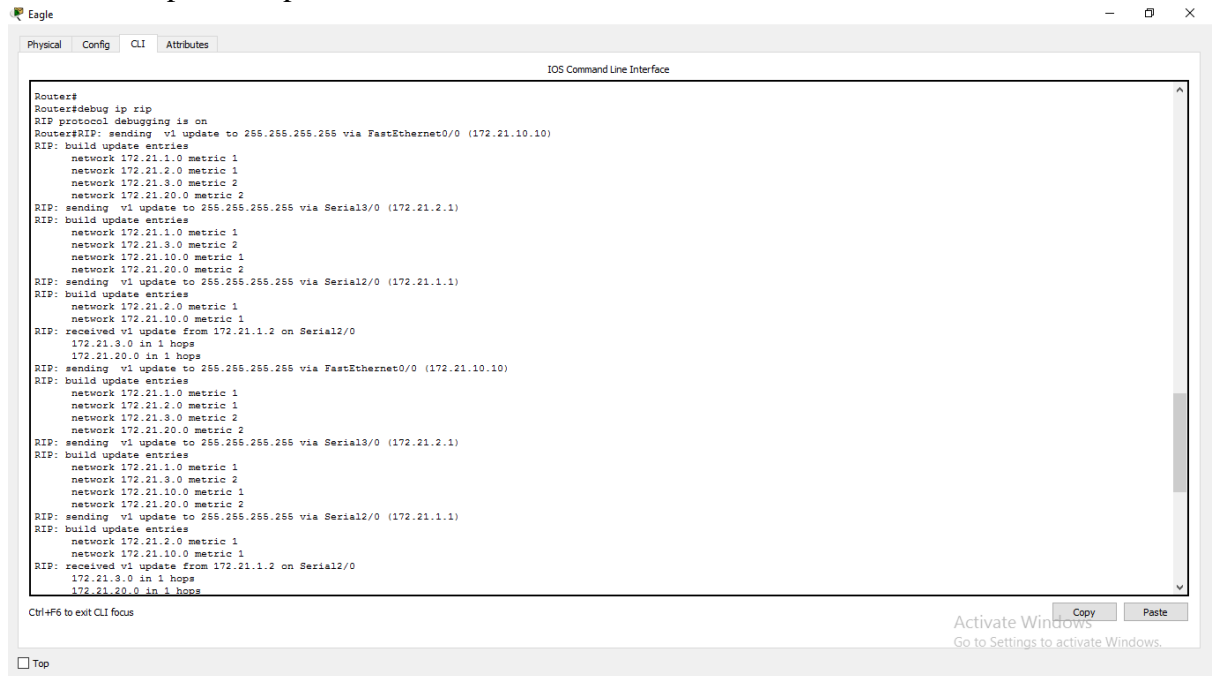
Copy Paste

Top

3. Ketik perintah “debug ip rip”

Tugas 5A : pada proses update routing RIP, maka alamat jaringan yang terdaftar akan terus

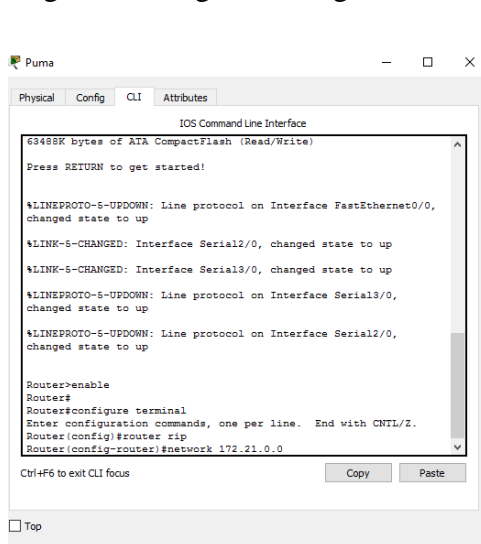
Update tanpa henti



```
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
  network 172.21.3.0 metric 2
  network 172.21.20.0 metric 2
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 172.21.2.0 metric 2
  network 172.21.10.0 metric 1
  network 172.21.20.0 metric 2
RIP: sending v1 update to 255.255.255.255 via Serial2/0 (172.21.1.1)
RIP: build update entries
  network 172.21.1.0 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
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
  network 172.21.3.0 metric 2
  network 172.21.20.0 metric 2
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 2
  network 172.21.10.0 metric 1
  network 172.21.20.0 metric 2
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
```

4. Tugas 6A : langkah konfigurasi routing RIP pada router Puma

Tugas 6B : langkah konfigurasi routing RIP pada router Tiger



```
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

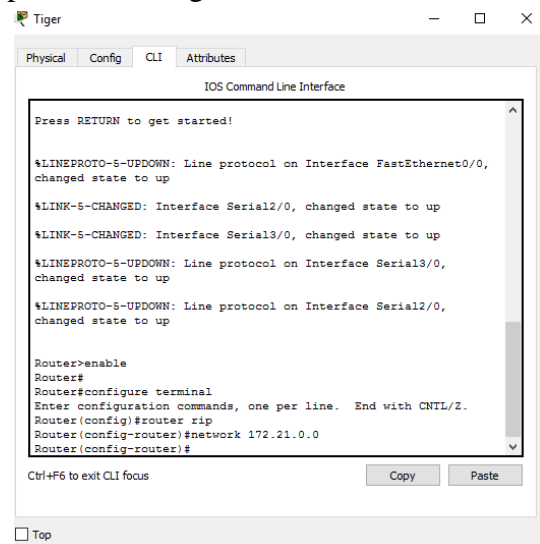
%LINK-5-CHANGED: Interface Serial2/0, changed state to up

%LINK-5-CHANGED: Interface Serial3/0, 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#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#network 172.21.0.0
```



```
Press RETURN to get started!

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

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

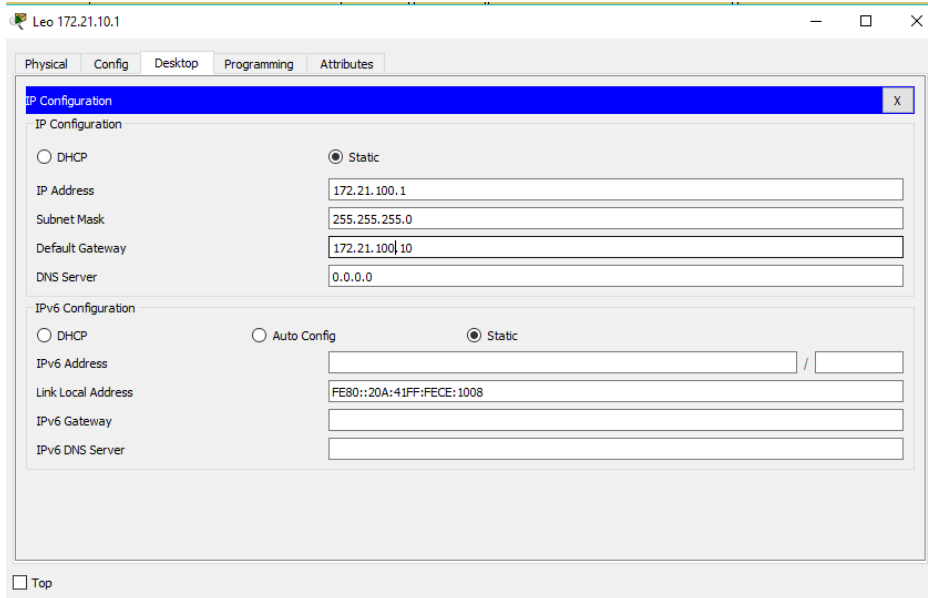
%LINK-5-CHANGED: Interface Serial3/0, changed state to up

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

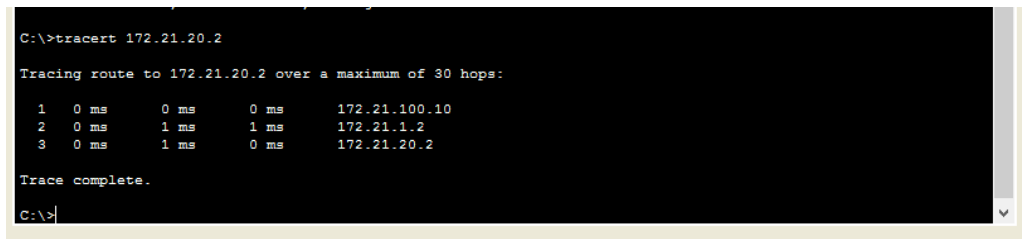
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to up

Router>enable
Router#
Router#configure terminal
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)#
```

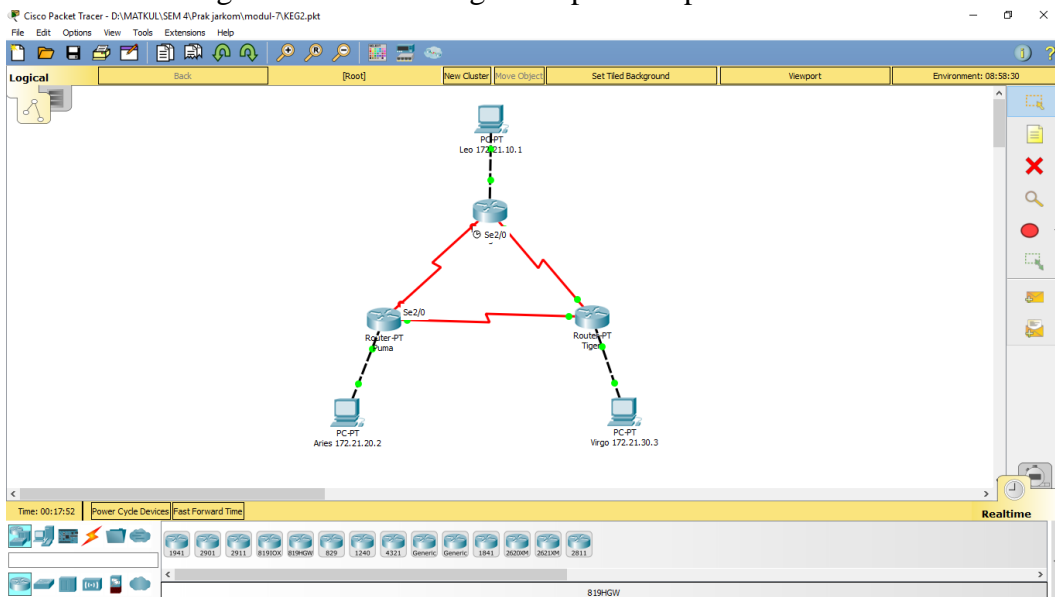

Tugas 6C : Alamat jaringan pada segmen Leo di ubah dari 172.21.10.0 / 24 menjadi 172.21.100.0 / 24. Perlu di lakukan perubahan konfigurasi pada router eagle agar dapat tracert



Tracert PC Leo ke PC Aries

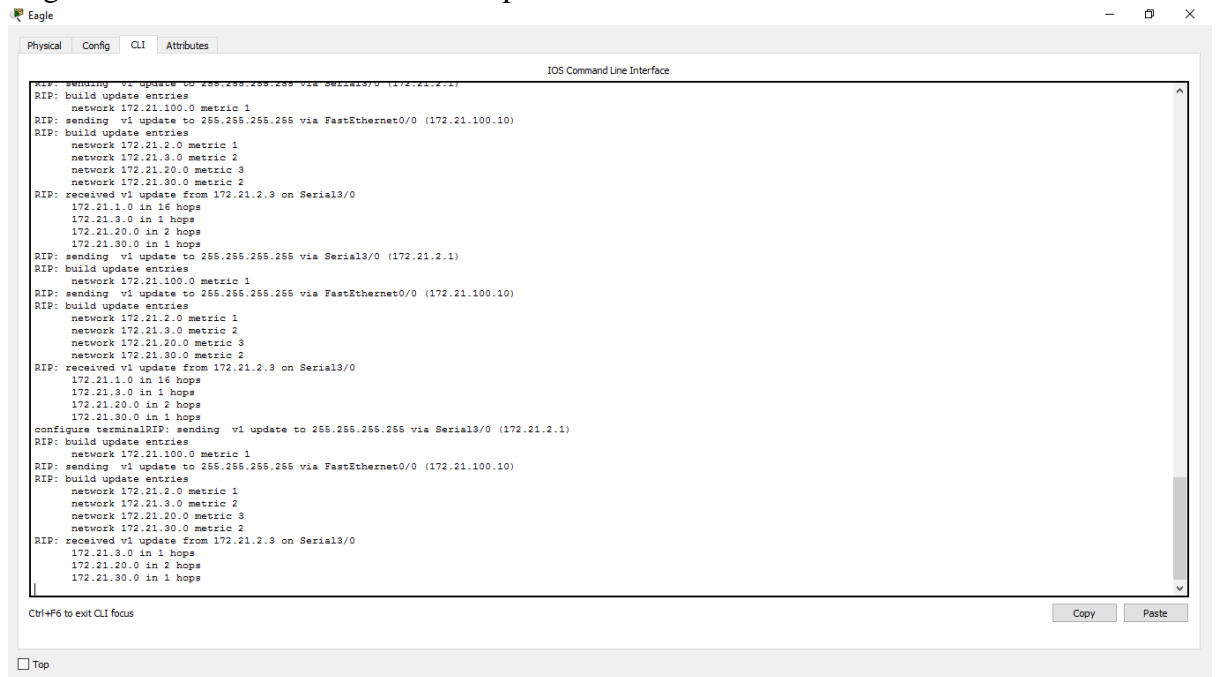


5. Membuat hubungan antara router eagle dan puma terputus



Melakukan “debug ip rip”

Tugas 8A : *Subnet 172.21.20.0 in 2 hops*

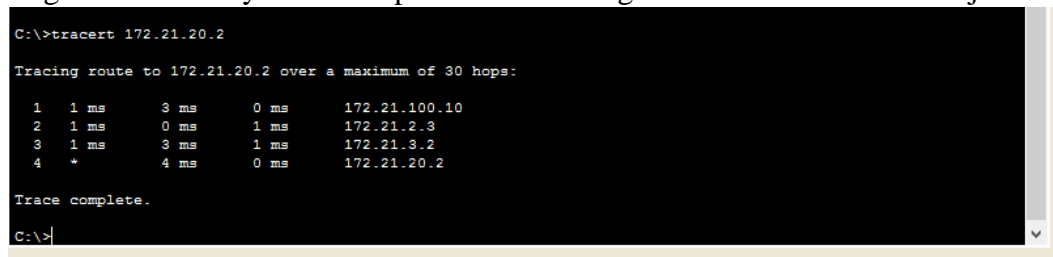


The screenshot shows the Eagle simulator window with the 'CLI' tab selected. The terminal displays the output of the 'debug ip rip' command. The output shows the router building update entries for the 172.21.100.0 network (metric 1) and receiving updates from the 172.21.2.3 router. The output also shows the router sending updates to the 255.255.255.255 address via Serial3/0. The output is repeated several times, indicating a continuous process. The bottom of the window shows a 'Top' button and a 'Copy' button.

```
IOS Command Line Interface
RIP: sending v1 update to 255.255.255.255 via Serial3/0 (172.21.2.1)
RIP: build update entries
  network 172.21.100.0 metric 1
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0 (172.21.100.10)
RIP: build update entries
  network 172.21.2.0 metric 1
  network 172.21.3.0 metric 2
  network 172.21.20.0 metric 3
  network 172.21.30.0 metric 2
RIP: received v1 update from 172.21.2.3 on Serial3/0
  172.21.1.0 in 16 hops
  172.21.3.0 in 1 hops
  172.21.20.0 in 2 hops
  172.21.30.0 in 1 hops
RIP: sending v1 update to 255.255.255.255 via Serial3/0 (172.21.2.1)
RIP: build update entries
  network 172.21.100.0 metric 1
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0 (172.21.100.10)
RIP: build update entries
  network 172.21.2.0 metric 1
  network 172.21.3.0 metric 2
  network 172.21.20.0 metric 3
  network 172.21.30.0 metric 2
RIP: received v1 update from 172.21.2.3 on Serial3/0
  172.21.1.0 in 16 hops
  172.21.3.0 in 1 hops
  172.21.20.0 in 2 hops
  172.21.30.0 in 1 hops
configure terminalRIP: sending v1 update to 255.255.255.255 via Serial3/0 (172.21.2.1)
RIP: build update entries
  network 172.21.100.0 metric 1
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0 (172.21.100.10)
RIP: build update entries
  network 172.21.2.0 metric 1
  network 172.21.3.0 metric 2
  network 172.21.20.0 metric 3
  network 172.21.30.0 metric 2
RIP: received v1 update from 172.21.2.3 on Serial3/0
  172.21.1.0 in 1 hops
  172.21.20.0 in 2 hops
  172.21.30.0 in 1 hops
|
Ctrl+F6 to exit CLI focus
Copy Paste
```

6. Tracert PC Leo ke PC Aries

Tugas 9A : Hasilnya akan tetap sama ketika langkah 8 belum dan sudah di jalankan



The screenshot shows a Windows command prompt window with the output of the 'tracert 172.21.20.2' command. The output shows the route from the source to the destination, with the first three hops being 172.21.100.10, 172.21.2.3, and 172.21.3.2, and the final hop being 172.21.20.2. The output is repeated several times, indicating a continuous process. The bottom of the window shows a 'Top' button and a 'Copy' button.

```
C:\>tracert 172.21.20.2

Tracing route to 172.21.20.2 over a maximum of 30 hops:

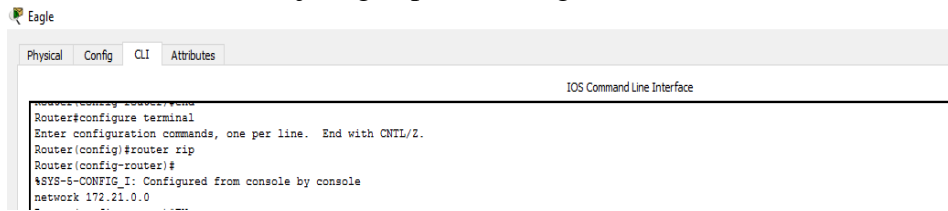
  1  1 ms    3 ms     0 ms     172.21.100.10
  2  1 ms    0 ms     1 ms     172.21.2.3
  3  1 ms    3 ms     1 ms     172.21.3.2
  4  *        4 ms     0 ms     172.21.20.2

Trace complete.

C:\>
```

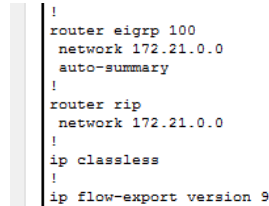
Kegiatan 3

1. Menambahkan alamat jaringan pada routing RIP 172.21.0.0



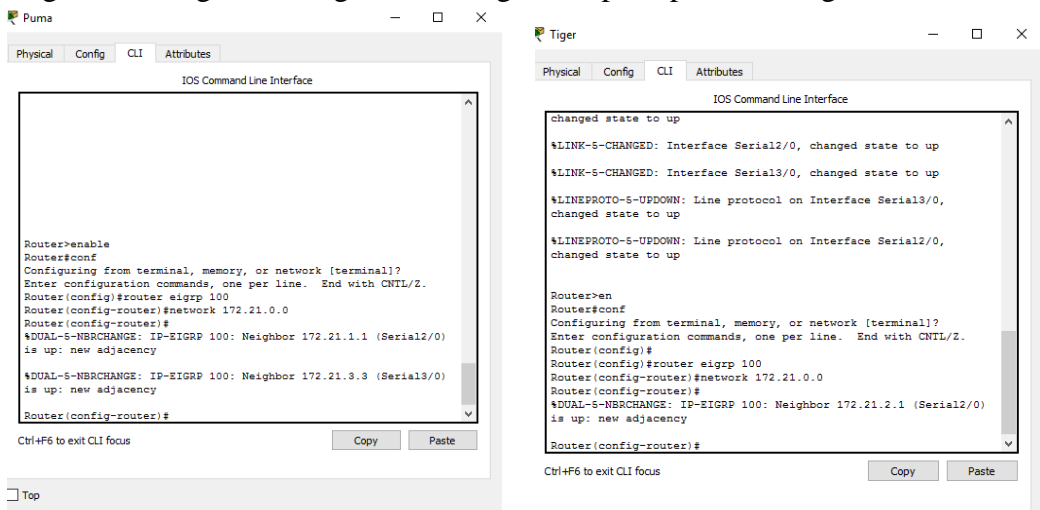
```
Router>configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#
$SYS-S-CONFIG_I: Configured from console by console
network 172.21.0.0
```

2. Tugas 4A : Alamat jaringan yang terdaftar pada konfigurasi routing IGRP : 172.21.0.0

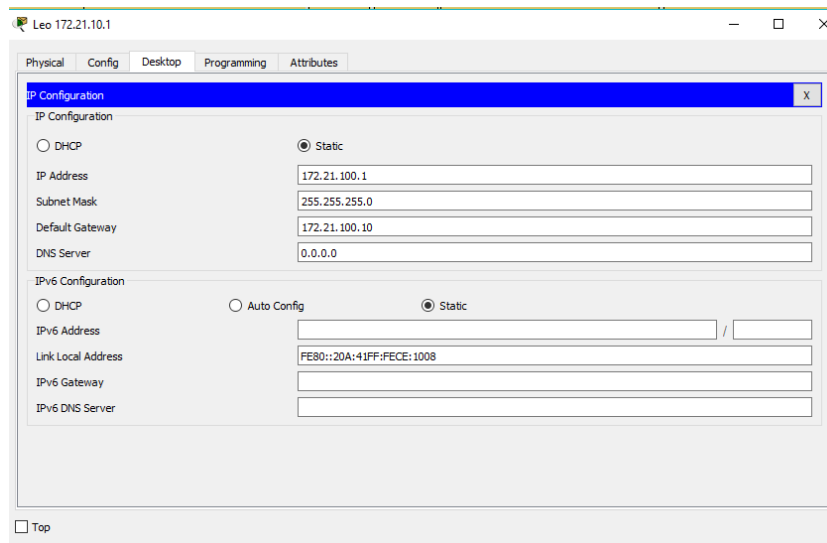


```
!
router eigrp 100
network 172.21.0.0
auto-summary
!
router rip
network 172.21.0.0
!
ip classless
!
ip flow-export version 9
```

3. Tugas 7A : langkah konfigurasi routing IGRP pada puma dan tiger



Tugas 7C : alamat jaringan pada segmen leo di ubah dari 172.21.10.0 / 24 menjadi 172.21.100.0 / 24



- Konfigurasi ip baru pada router eagle

```
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 172.21.100.10 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

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- Konfigurasi ip baru pada router puma

```
Router>en
Router#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.100.0 255.255.255.0 172.21.1.1
Router(config)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

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- Konfigurasi ip baru pada router tiger

```
Router>en
Router#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.100.0 255.255.255.0 172.21.2.1
Router(config)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

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4. Ping dan tracert dari Leo ke Aries

Leo 172.21.10.1

```
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.20.2
Pinging 172.21.20.2 with 32 bytes of data:
Request timed out.
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=1ms TTL=126
Ping statistics for 172.21.20.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 4ms, Average = 2ms
C:\>
```

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