

**COMPUTER NETWORKS
PRACTICUM 7**



By:

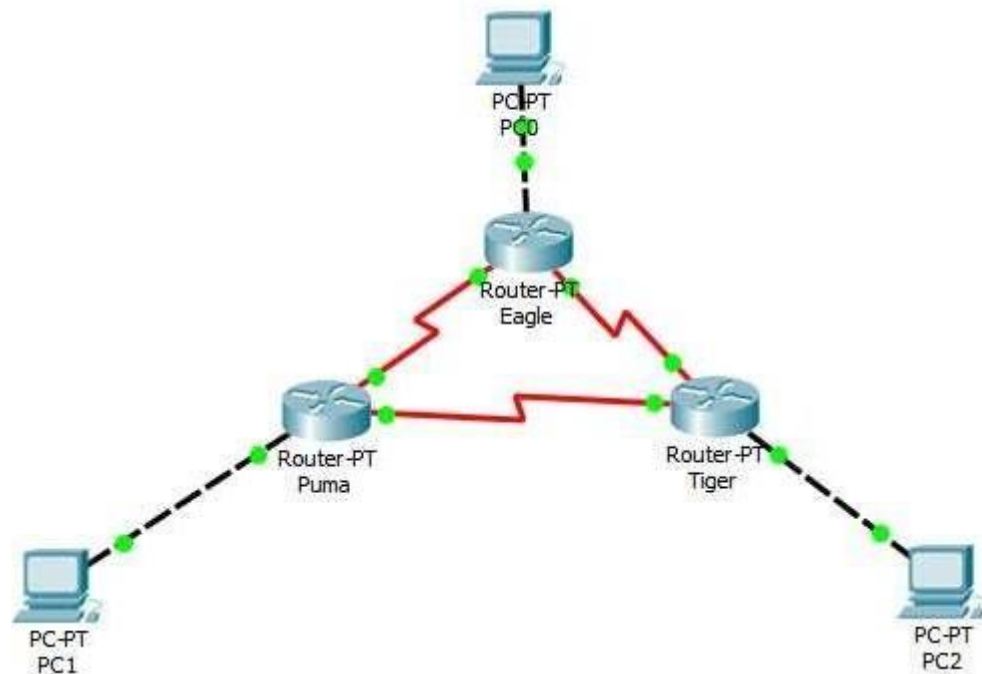
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NIM: L200184220

**INFORMATION TECHNOLOGY
FACULTY OF COMMUNICATION AND INFORMATICS
UNIVERSITY OF MUHAMMADIYAH SURAKARTA
2020**

ACTIVITY 1

- A. Membuat topologi
- B. Memberi nama router



C. Konfigurasi IP Router

- Eagle (Ethernet 0)

Eagle

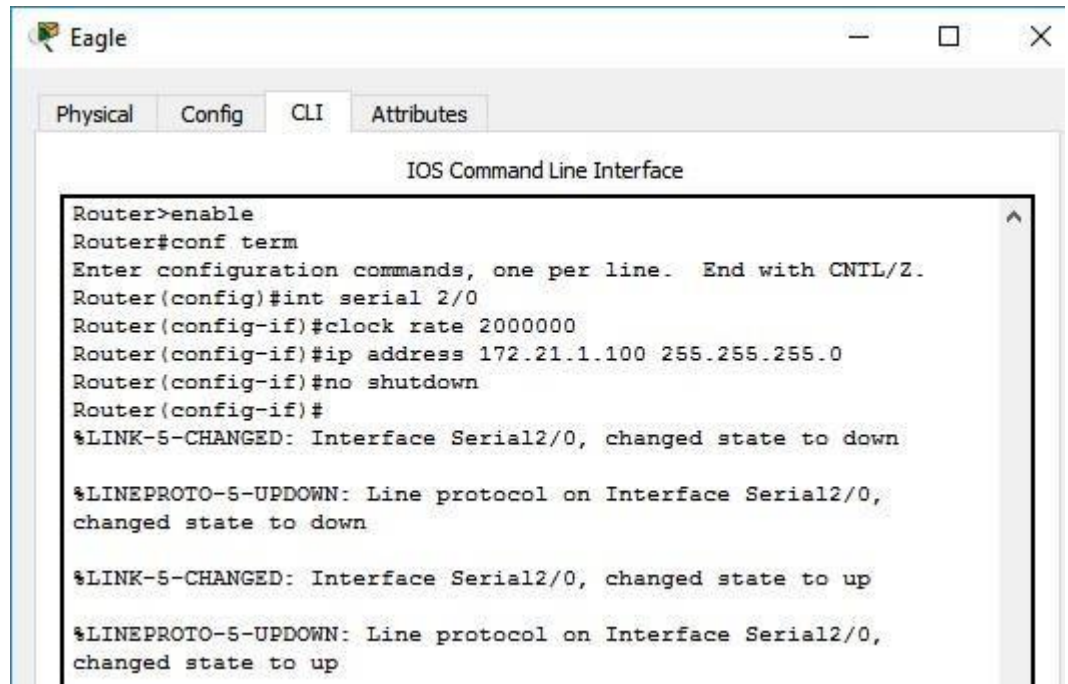
Physical Config CLI Attributes

IOS Command Line Interface

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 172.21.10.10 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up
```

Eagle (Serial 0)



The screenshot shows the Eagle application window with the CLI tab selected. The title bar reads 'Eagle'. Below the tabs (Physical, Config, CLI, Attributes), the text 'IOS Command Line Interface' is displayed. The CLI window contains the following text:

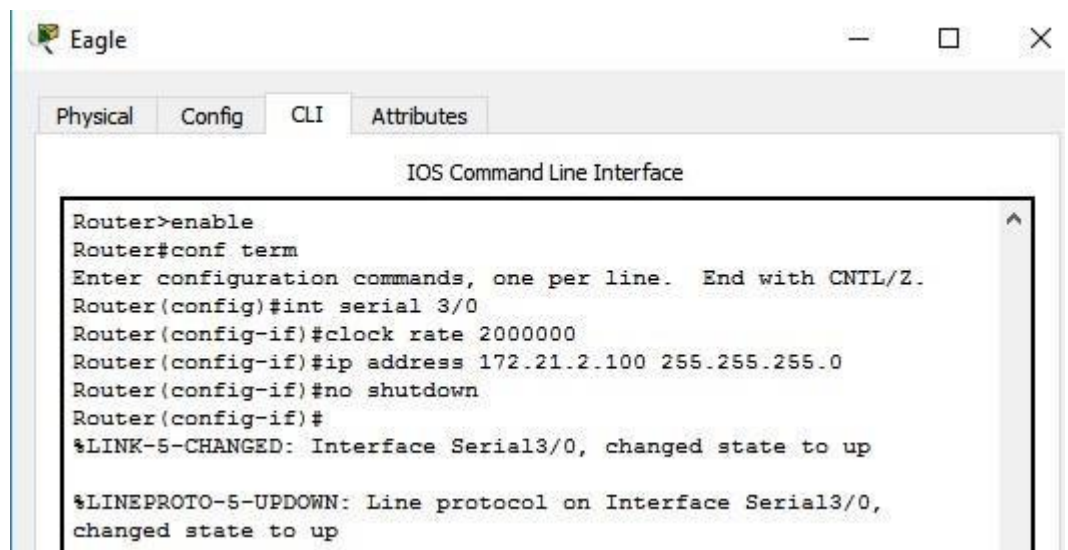
```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int serial 2/0
Router(config-if)#clock rate 2000000
Router(config-if)#ip address 172.21.1.100 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to down

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

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

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

Eagle (Serial 1)

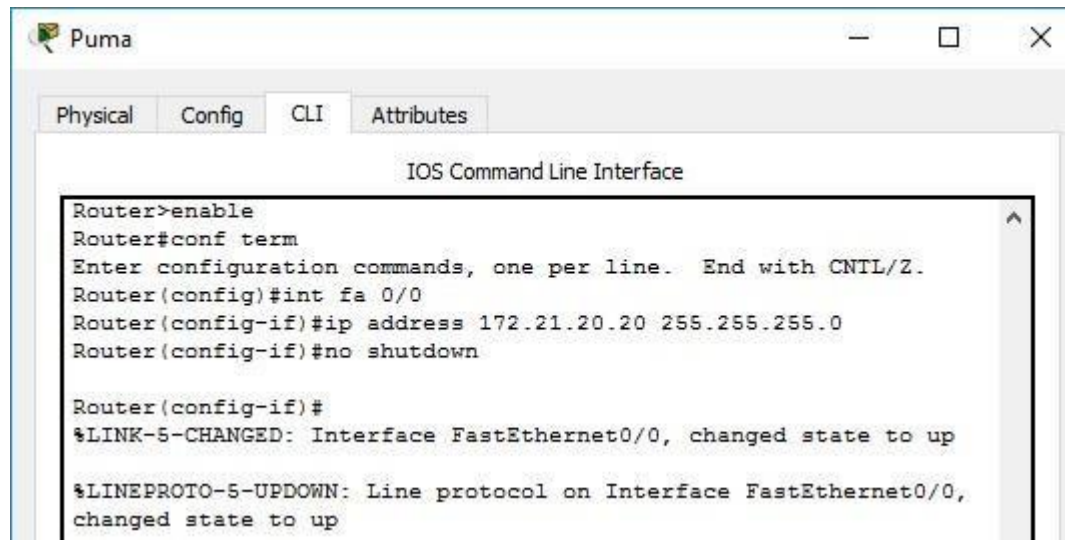


The screenshot shows the Eagle application window with the CLI tab selected. The title bar reads 'Eagle'. Below the tabs (Physical, Config, CLI, Attributes), the text 'IOS Command Line Interface' is displayed. The CLI window contains the following text:

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int serial 3/0
Router(config-if)#clock rate 2000000
Router(config-if)#ip address 172.21.2.100 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface Serial3/0, changed state to up

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

➤ Puma (Ethernet 0)



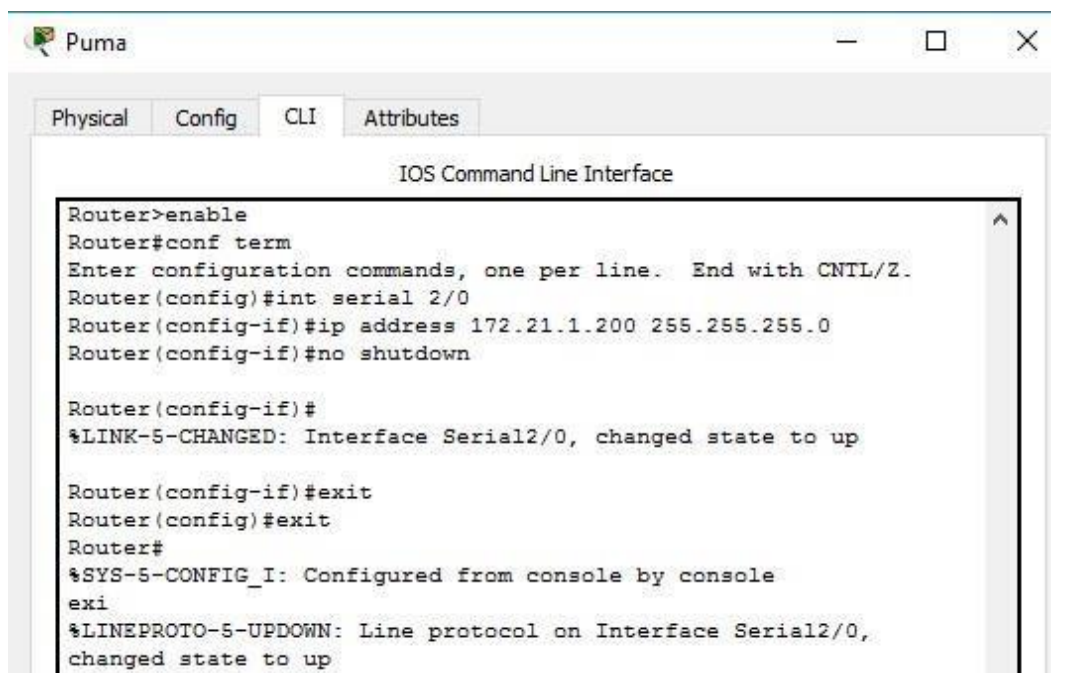
The screenshot shows a window titled "Puma" with four tabs: "Physical", "Config", "CLI", and "Attributes". The "CLI" tab is selected, displaying the "IOS Command Line Interface". The terminal output shows the following commands and responses:

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 172.21.20.20 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

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

➤ Puma (Serial 0)



The screenshot shows a window titled "Puma" with four tabs: "Physical", "Config", "CLI", and "Attributes". The "CLI" tab is selected, displaying the "IOS Command Line Interface". The terminal output shows the following commands and responses:

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int serial 2/0
Router(config-if)#ip address 172.21.1.200 255.255.255.0
Router(config-if)#no shutdown

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

Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
exi
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to up
```



Puma (Serial 1)

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int serial 3/0
Router(config-if)#clock rate 2000000
Router(config-if)#ip address 172.21.3.200 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface Serial3/0, changed state to up

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

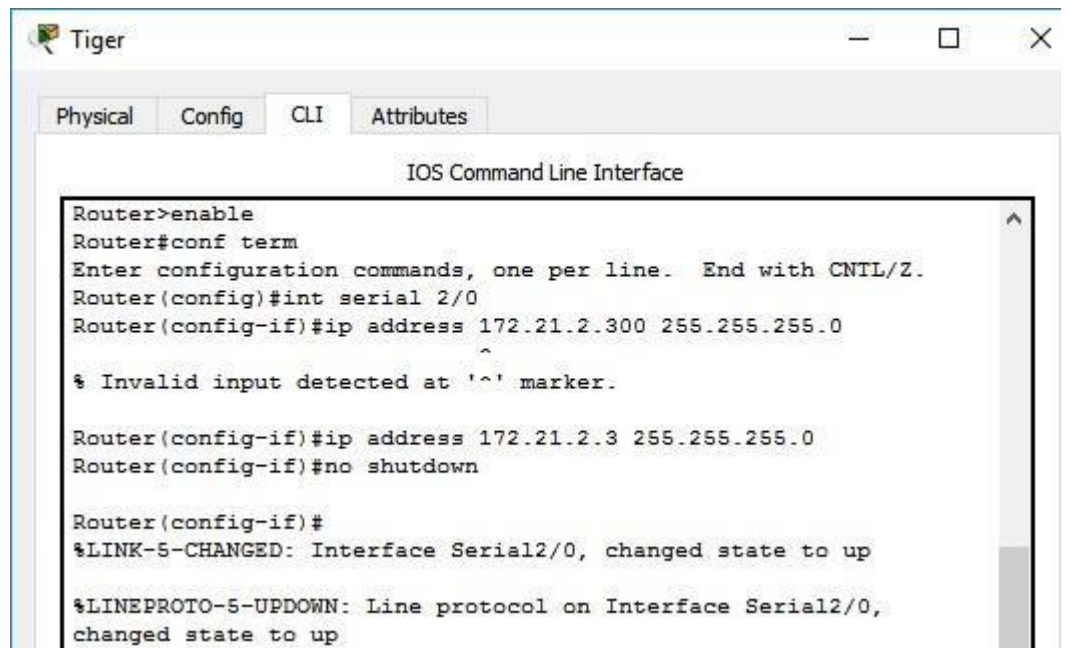
➤ Tiger (Ethernet 0)

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 172.21.30.30 255.255.255.0
Router(config-if)#no shutdown

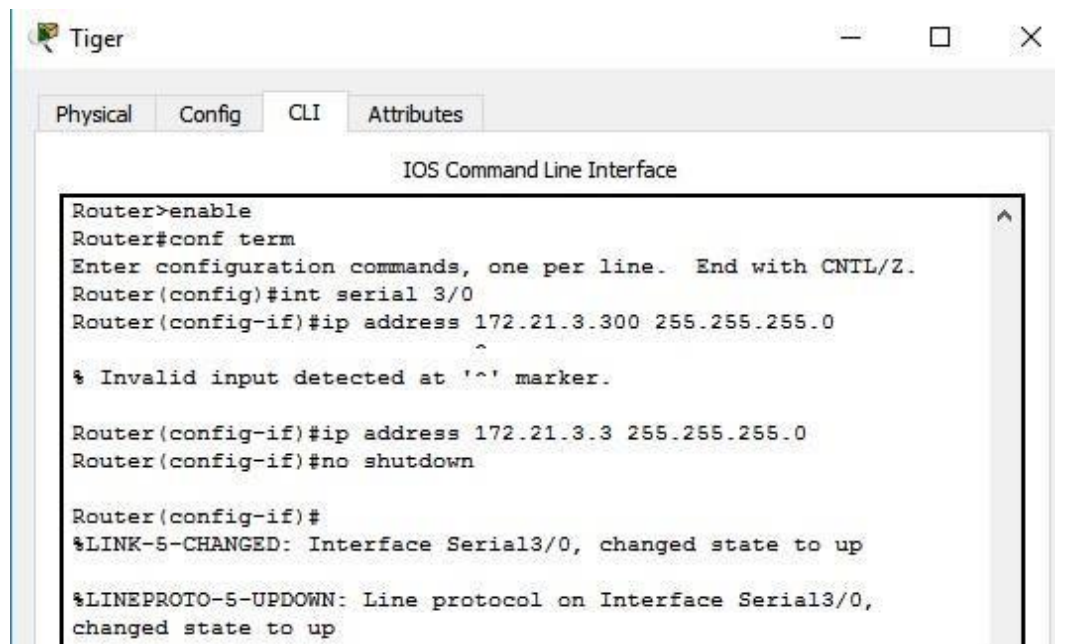
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

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

Tiger (Serial 0)

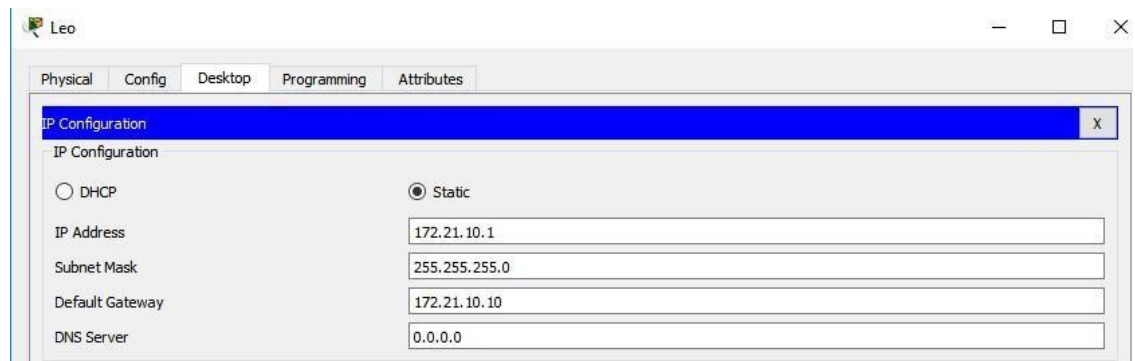


➤ Tiger (Serial 1)

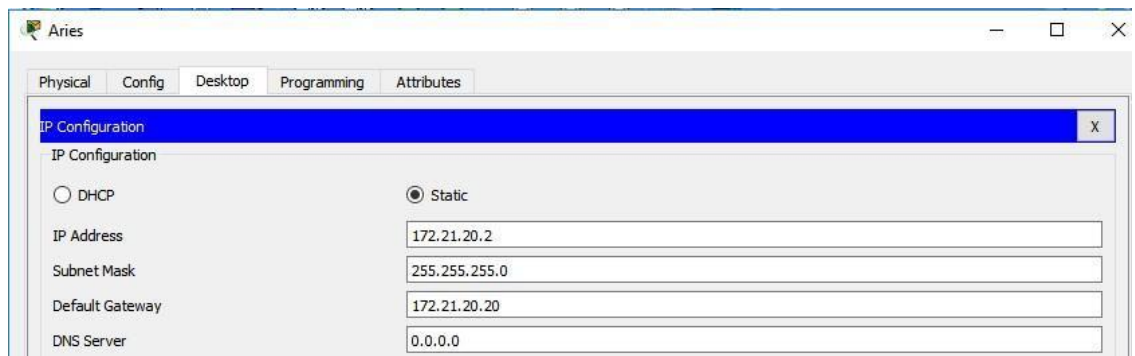


D. Konfigurasi PC

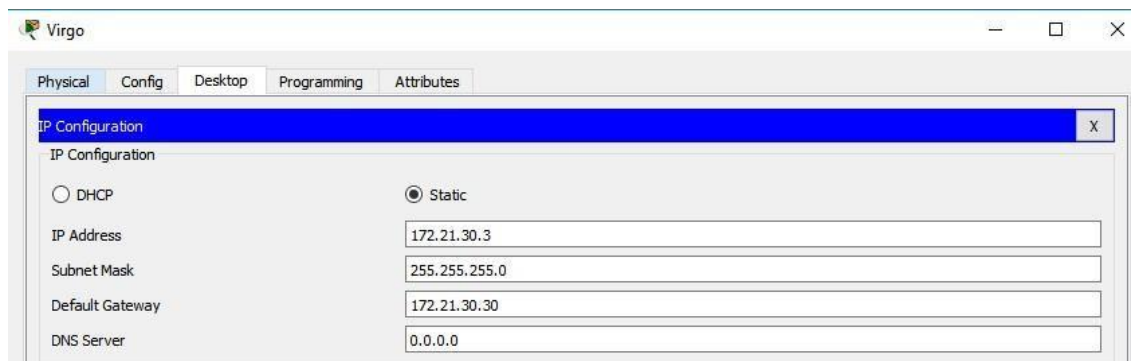
➤ Leo (PC1)



➤ Aries (PC2)



➤ Virgo (PC3)



E. Memastikan kesesuaian konfigurasi

➤ Ping dari PC Leo ke router Eagle

The screenshot shows a window titled "Leo" with tabs for Physical, Config, Desktop, Programming, and Attributes. The "Desktop" tab is active, displaying a "Command Prompt" window. The command prompt shows the execution of the command `C:\>ping 172.21.1.100`. The output indicates a successful ping to 172.21.1.100 with 32 bytes of data. Four replies are shown, each with a time of <1ms and TTL=255. The ping statistics show 4 packets sent, 4 received, and 0% loss, with minimum, maximum, and average round trip times all at 0ms.

```
C:\>ping 172.21.1.100

Pinging 172.21.1.100 with 32 bytes of data:

Reply from 172.21.1.100: bytes=32 time<1ms TTL=255
Reply from 172.21.1.100: bytes=32 time<1ms TTL=255
Reply from 172.21.1.100: bytes=32 time<1ms TTL=255
Reply from 172.21.1.100: bytes=32 time<1ms TTL=255

Ping statistics for 172.21.1.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

➤ **Ping dari PC Aries ke router Puma**

The screenshot shows a window titled "Aries" with tabs for Physical, Config, Desktop, Programming, and Attributes. The "Desktop" tab is active, displaying a "Command Prompt" window. The command prompt shows the execution of the command `C:\>ping 172.21.1.200`. The output indicates a successful ping to 172.21.1.200 with 32 bytes of data. Four replies are shown, each with a time of <1ms and TTL=255. The ping statistics show 4 packets sent, 4 received, and 0% loss, with minimum, maximum, and average round trip times all at 0ms.

```
C:\>ping 172.21.1.200

Pinging 172.21.1.200 with 32 bytes of data:

Reply from 172.21.1.200: bytes=32 time<1ms TTL=255
Reply from 172.21.1.200: bytes=32 time<1ms TTL=255
Reply from 172.21.1.200: bytes=32 time<1ms TTL=255
Reply from 172.21.1.200: bytes=32 time<1ms TTL=255

Ping statistics for 172.21.1.200:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

➤ **Ping dari PC Virgo ke router Tiger**

The screenshot shows a window titled "Virgo" with tabs for Physical, Config, Desktop, Programming, and Attributes. The "Desktop" tab is active, displaying a "Command Prompt" window. The command prompt shows the execution of the command `C:\>ping 172.21.3.3`. The output indicates a successful ping to 172.21.3.3 with 32 bytes of data. Four replies are shown, each with a time of <1ms and TTL=255. The ping statistics show 4 packets sent, 4 received, and 0% loss, with minimum, maximum, and average round trip times all at 0ms.

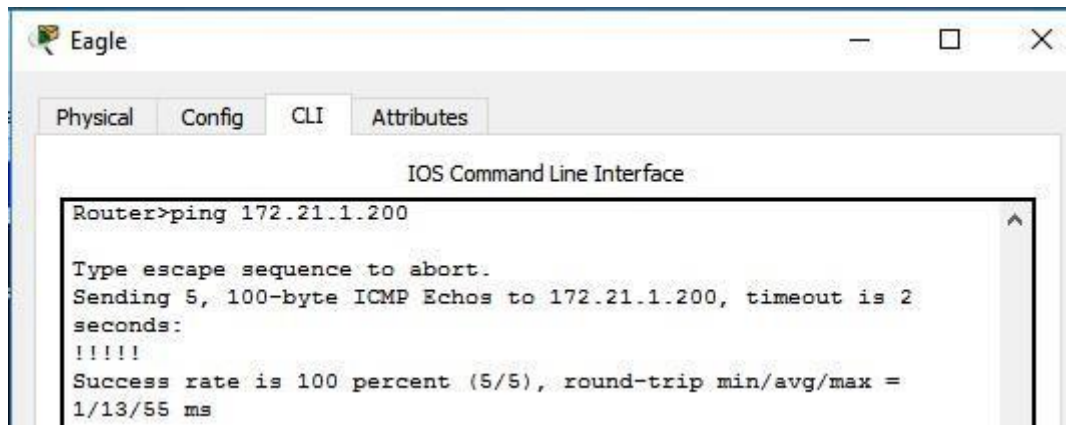
```
C:\>ping 172.21.3.3

Pinging 172.21.3.3 with 32 bytes of data:

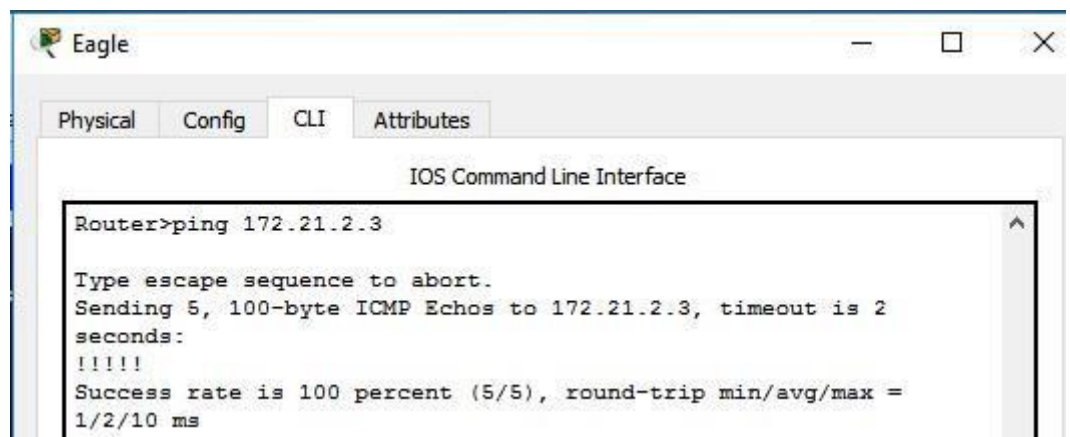
Reply from 172.21.3.3: bytes=32 time<1ms TTL=255
Reply from 172.21.3.3: bytes=32 time<1ms TTL=255
Reply from 172.21.3.3: bytes=32 time<1ms TTL=255
Reply from 172.21.3.3: bytes=32 time<1ms TTL=255

Ping statistics for 172.21.3.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

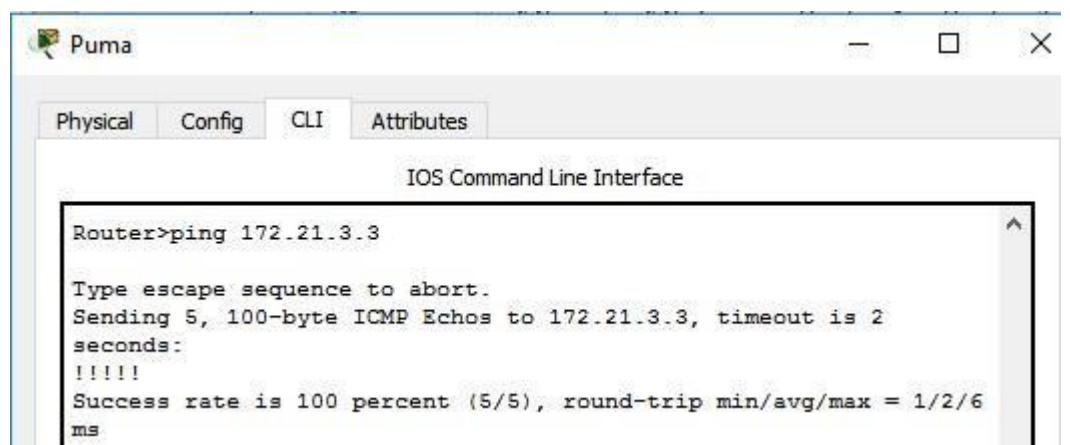
➤ **Ping dari router Eagle ke router Puma**



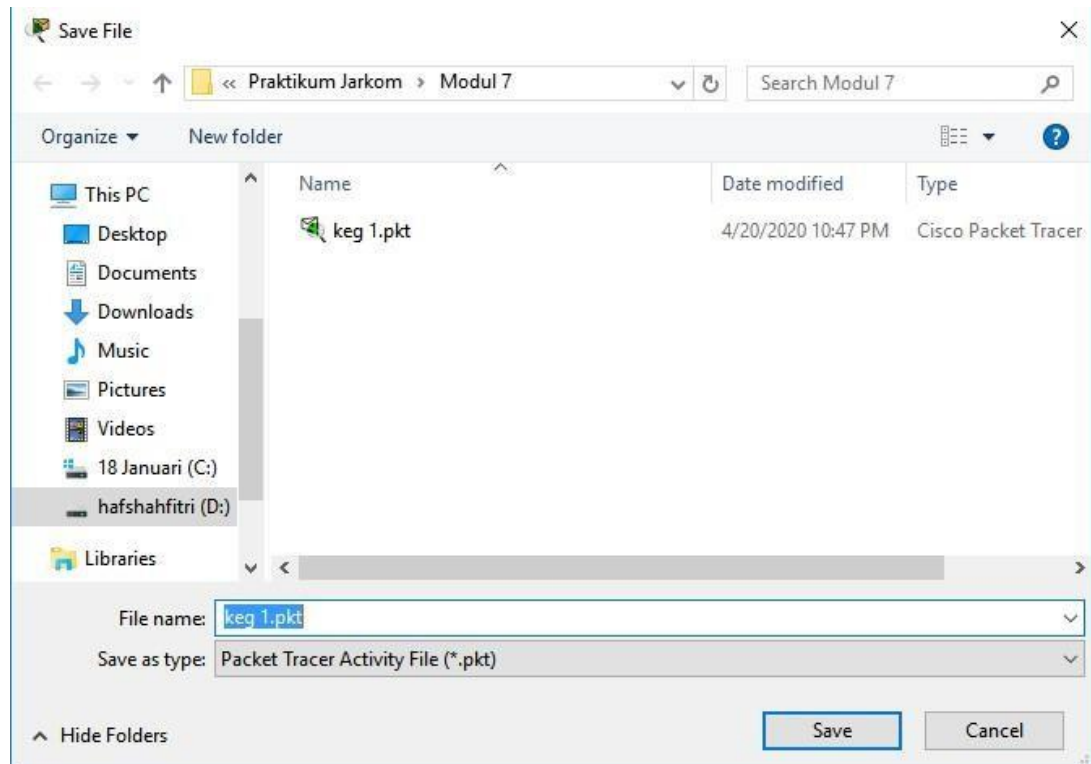
➤ **Ping dari router Eagle ke router Tiger**



➤ **Ping dari router Puma ke router Tiger**

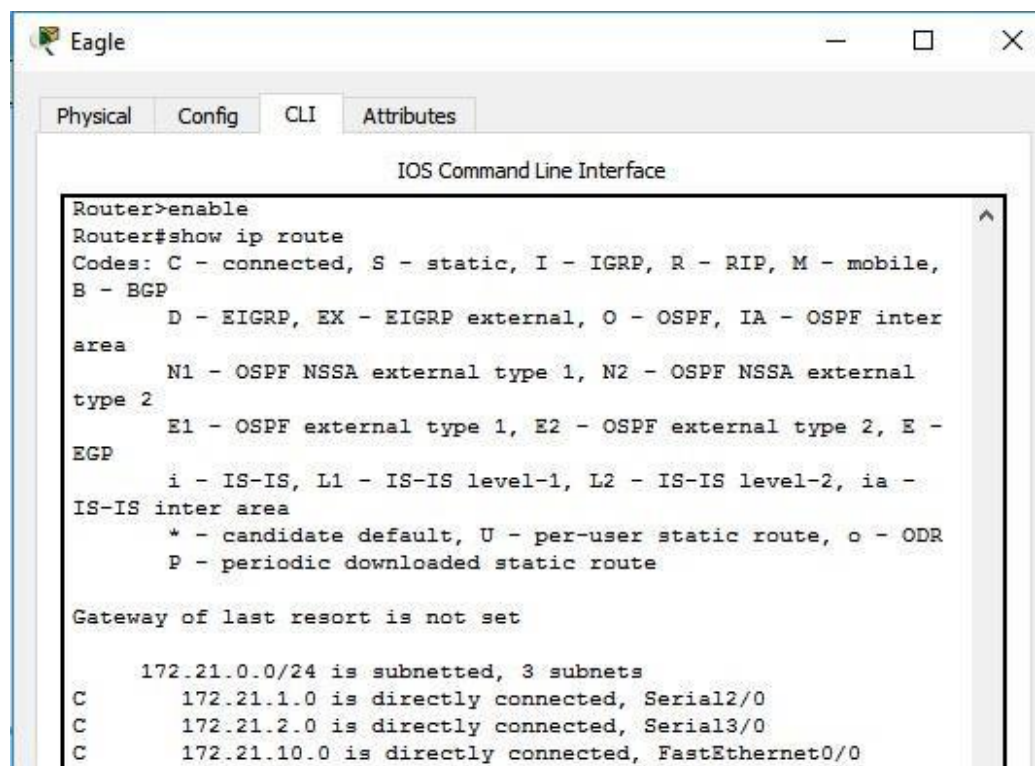


F. Simpan konfigurasi



G. Tugas 7A . Melihat route table masing-masing router

➤ Eagle



➤ Puma

Puma

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>enable
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile,
B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

      172.21.0.0/24 is subnetted, 3 subnets
C       172.21.1.0 is directly connected, Serial2/0
C       172.21.3.0 is directly connected, Serial3/0
C       172.21.20.0 is directly connected, FastEthernet0/0
```

➤ Tiger

Tiger

Physical Config CLI Attributes

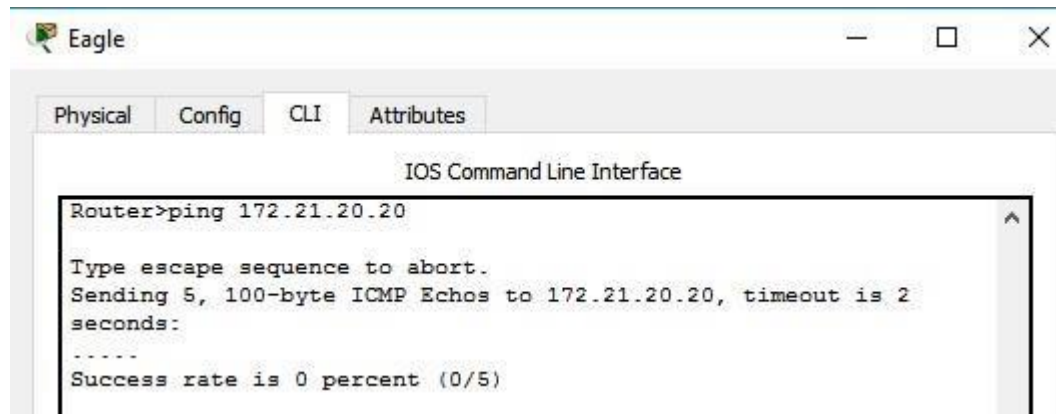
IOS Command Line Interface

```
Router>enable
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile,
B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

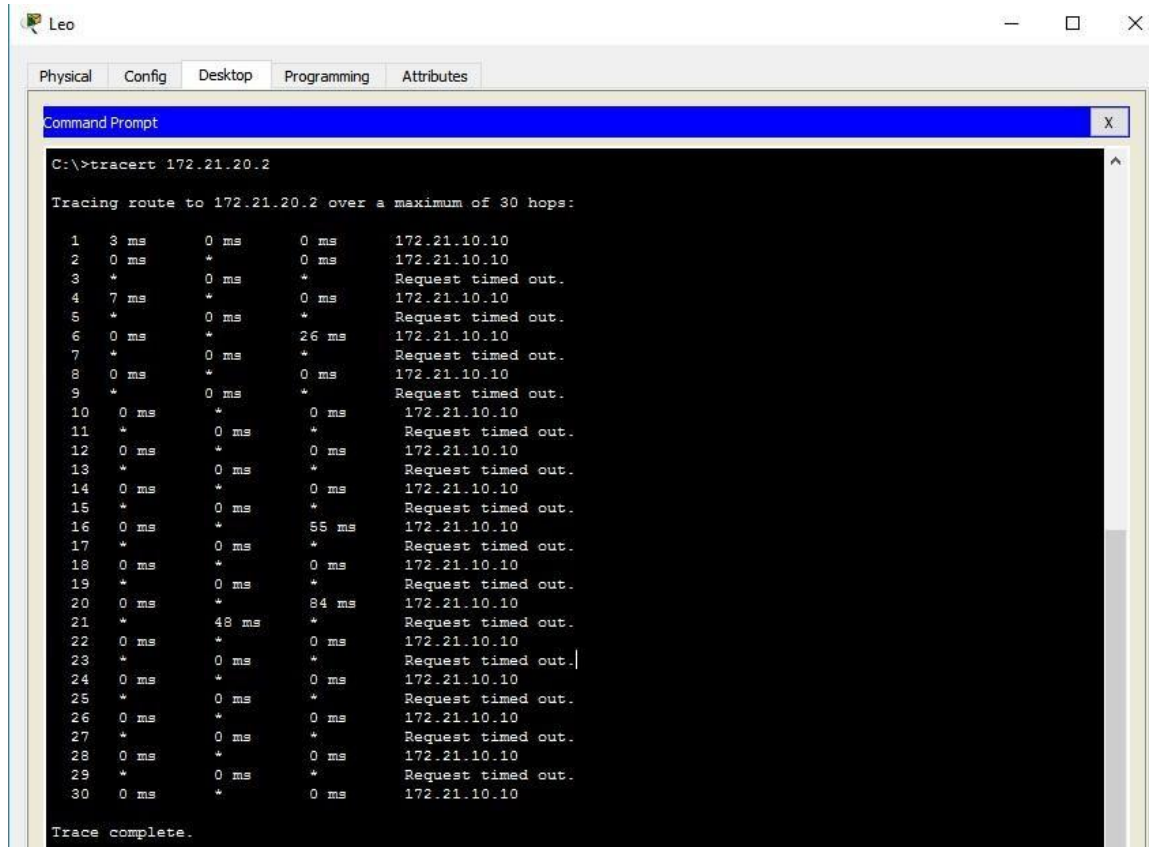
Gateway of last resort is not set

      172.21.0.0/24 is subnetted, 3 subnets
C       172.21.2.0 is directly connected, Serial2/0
C       172.21.3.0 is directly connected, Serial3/0
C       172.21.30.0 is directly connected, FastEthernet0/0
```

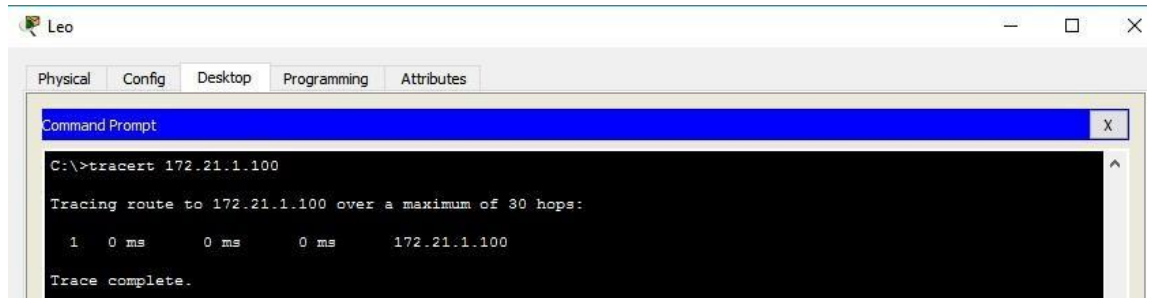
H. Tugas 8A . Ping dari Eagle ke interface e0 router Puma **JELASIN**



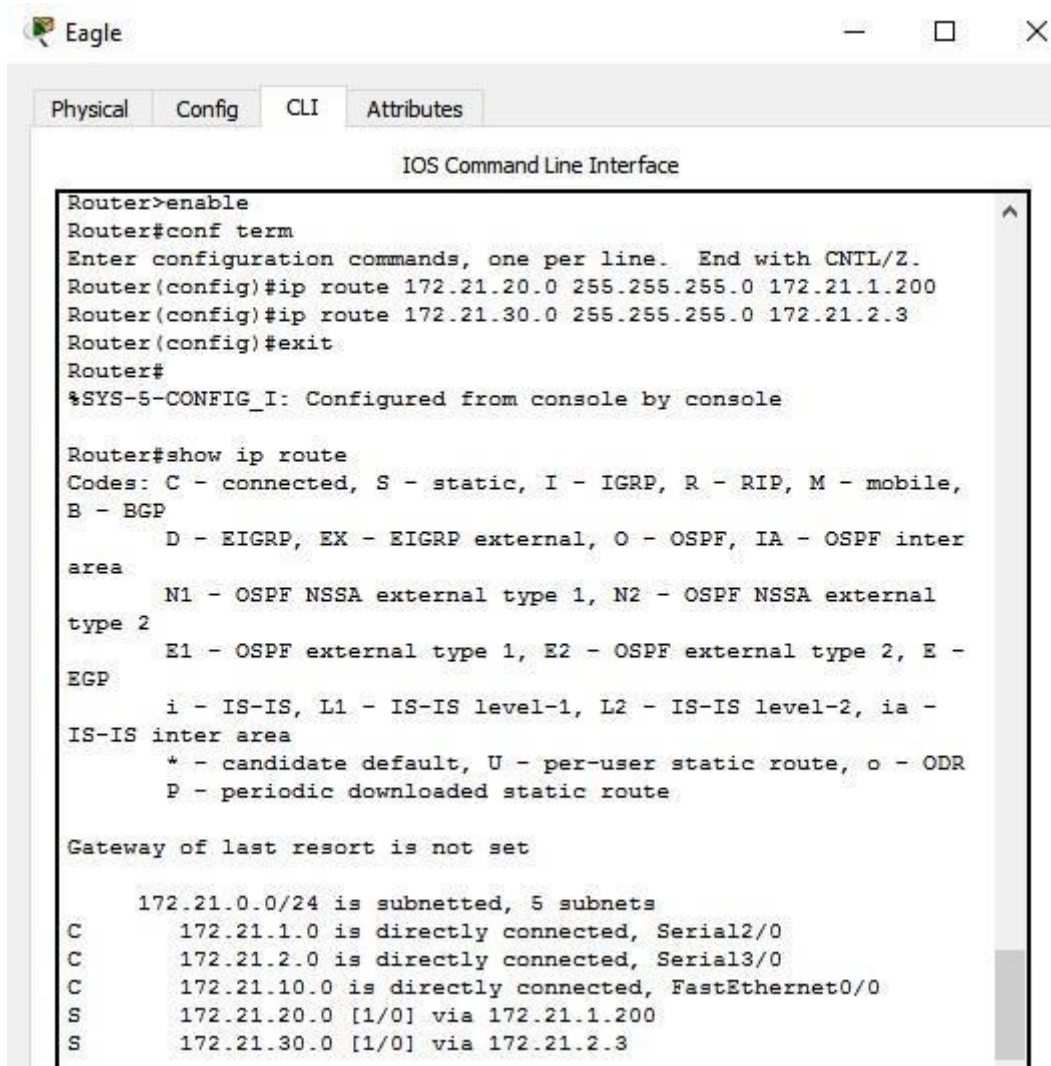
I. Tugas 9A . Trace PC Leo ke PC Aries **JELASIN**



J. Tugas 10A . Trace PC Leo ke interface s0 router Eagle **JELASIN**



K. Route table untuk masing-masing router



❖ Tugas 11A

- Langkah penambahan route table pada router Puma

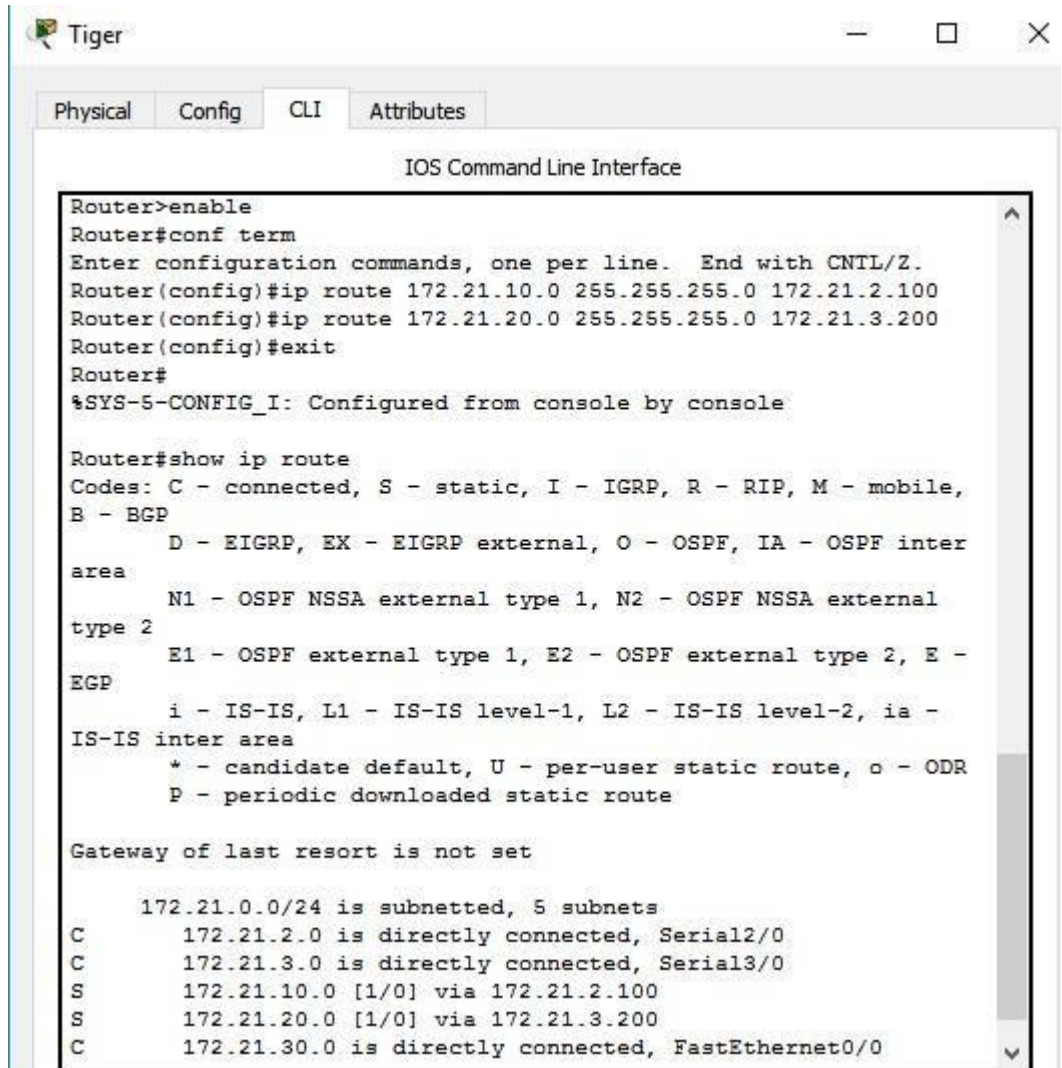

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.10.0 255.255.255.0 172.21.1.100
Router(config)#ip route 172.21.30.0 255.255.255.0 172.21.3.3
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile,
B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

      172.21.0.0/24 is subnetted, 5 subnets
C       172.21.1.0 is directly connected, Serial2/0
C       172.21.3.0 is directly connected, Serial3/0
S       172.21.10.0 [1/0] via 172.21.1.100
C       172.21.20.0 is directly connected, FastEthernet0/0
S       172.21.30.0 [1/0] via 172.21.3.3
```

- Langkah penambahan route table pada router Tiger



```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip route 172.21.10.0 255.255.255.0 172.21.2.100
Router(config)#ip route 172.21.20.0 255.255.255.0 172.21.3.200
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

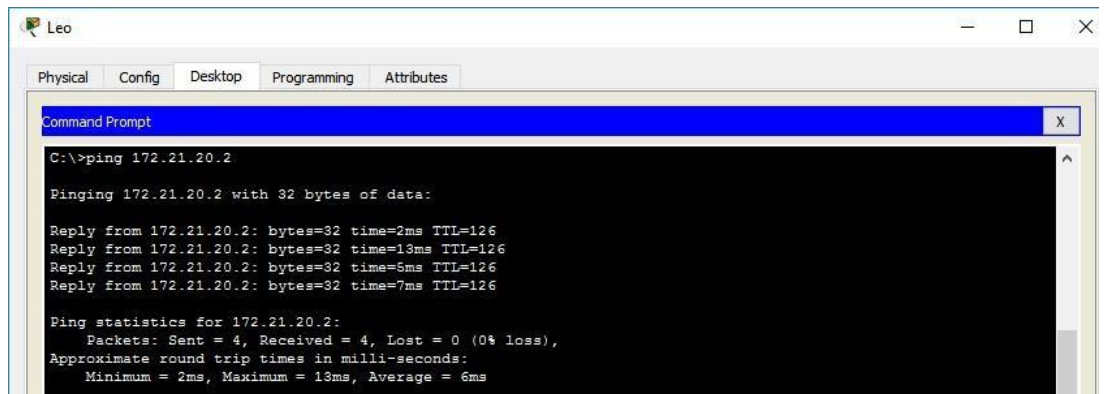
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile,
B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

      172.21.0.0/24 is subnetted, 5 subnets
C       172.21.2.0 is directly connected, Serial2/0
C       172.21.3.0 is directly connected, Serial3/0
S       172.21.10.0 [1/0] via 172.21.2.100
S       172.21.20.0 [1/0] via 172.21.3.200
C       172.21.30.0 is directly connected, FastEthernet0/0
```

L. Tugas 12A .

➤ **Ping PC Leo ke PC Aries**



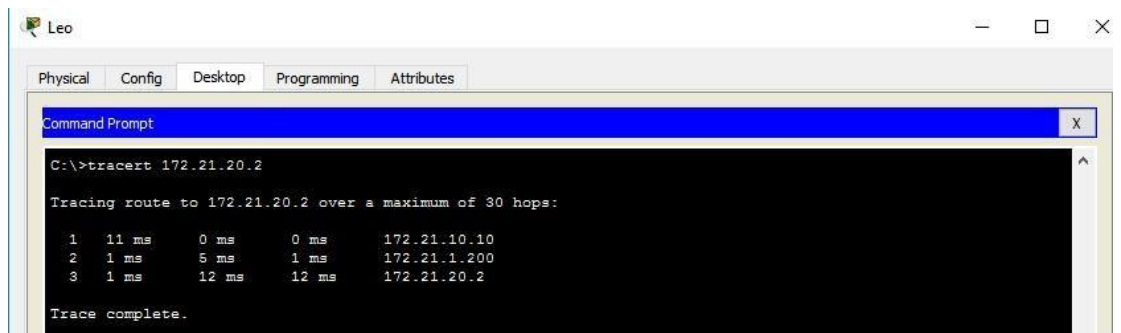
```
C:\>ping 172.21.20.2

Pinging 172.21.20.2 with 32 bytes of data:

Reply from 172.21.20.2: bytes=32 time=2ms TTL=126
Reply from 172.21.20.2: bytes=32 time=13ms TTL=126
Reply from 172.21.20.2: bytes=32 time=5ms TTL=126
Reply from 172.21.20.2: bytes=32 time=7ms 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 = 2ms, Maximum = 13ms, Average = 6ms
```

➤ Trace PC Leo ke PC Aries **JELASKAN**



```
C:\>tracert 172.21.20.2

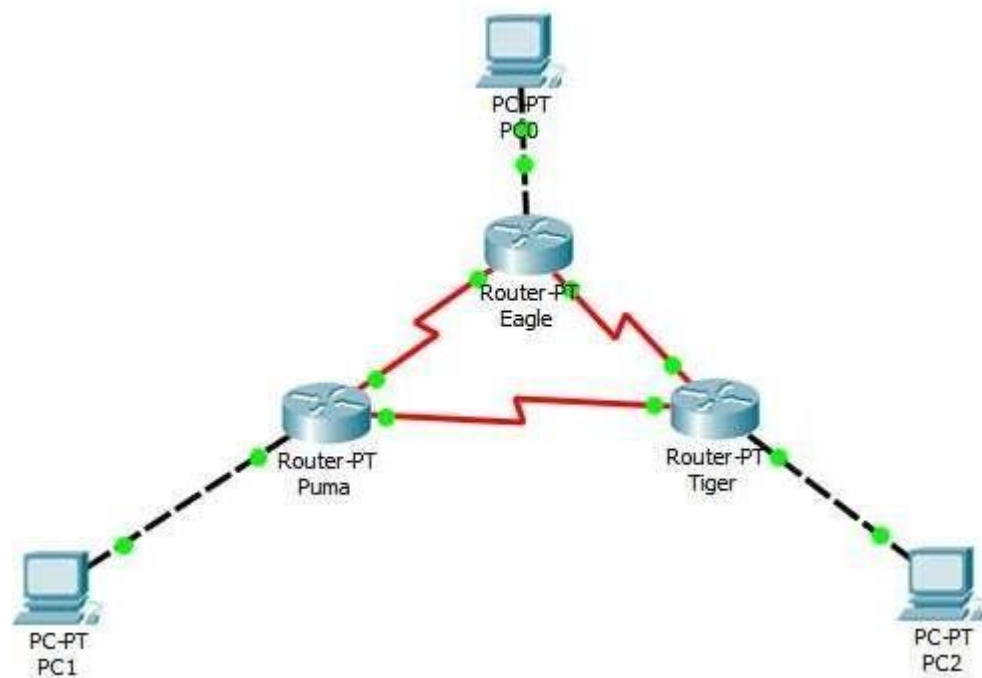
Tracing route to 172.21.20.2 over a maximum of 30 hops:

  0  11 ms    0 ms    0 ms    172.21.10.10
  1   1 ms     5 ms     1 ms    172.21.1.200
  2   1 ms    12 ms    12 ms    172.21.20.2

Trace complete.
```

ACTIVITY 2

- A. Membuka topologi kegiatan 1
- B. Load konfigurasi seluruh device yang disimpan pada langkah 6 kegiatan 1



C. Konfigurasi routing RIP pada router Eagle

```
Eagle
Physical Config CLI Attributes
IOS Command Line Interface
Router>enable
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
```

D. Melihat konfigurasi routing RIP

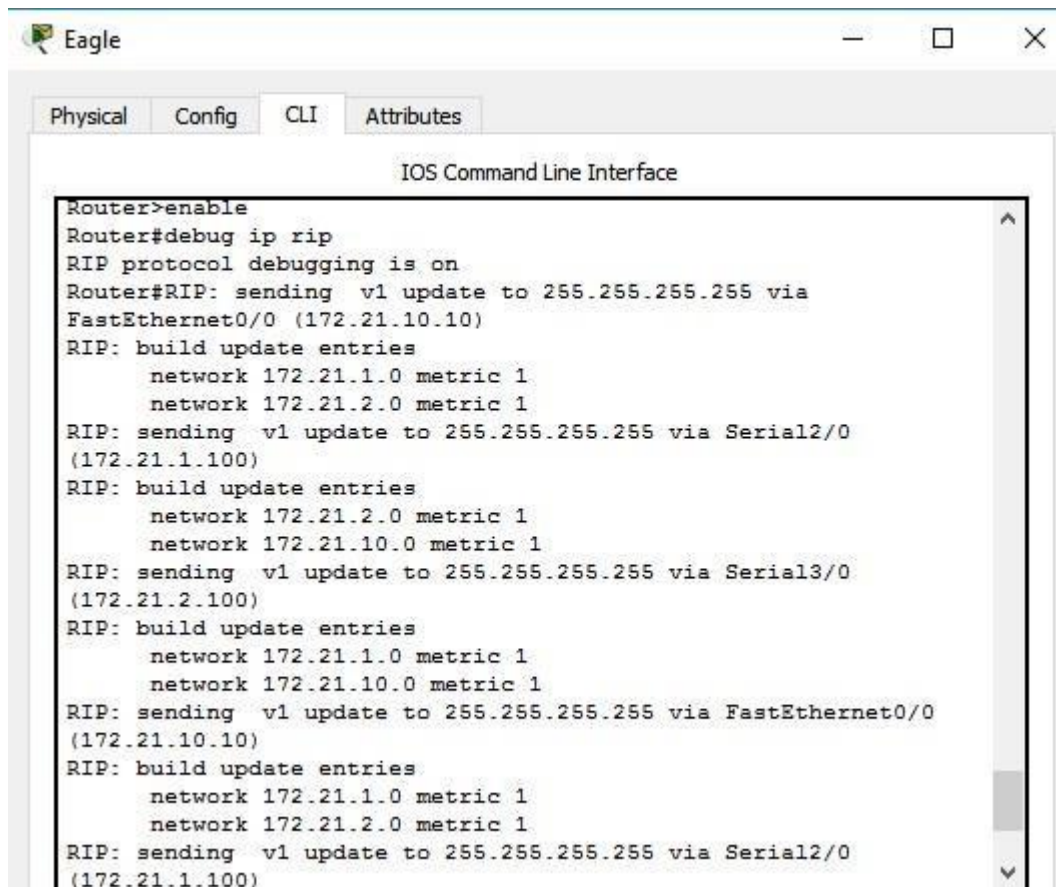


```
Router#show running-config
Building configuration...

router rip
 network 172.21.0.0
!
```

- ❖ **Tugas 4A** . Nomer alamat jaringan yang terdaftar pada konfigurasi routing RIP
172.21.0.0
- ❖ **Tugas 4B** . Mengapa alamat jaringan yang terhubung dengan interface e0, s0, dan s1 tidak didaftarkan ke konfigurasi routing RIP **GATAU**

E. Proses update routing RIP



```
Router>enable
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
(172.21.1.100)
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
(172.21.2.100)
RIP: build update entries
      network 172.21.1.0 metric 1
      network 172.21.10.0 metric 1
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
(172.21.1.100)
```

```

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
(172.21.2.100)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.10.0 metric 1
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
(172.21.1.100)
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
(172.21.2.100)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.10.0 metric 1
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0


```

❖ *Tugas 5A* . Penjelasan singkat proses update routing RIP

F. Konfigurasi routing RIP pada puma dan tiger

➤ PUMA

- Konfigurasi routing RIP



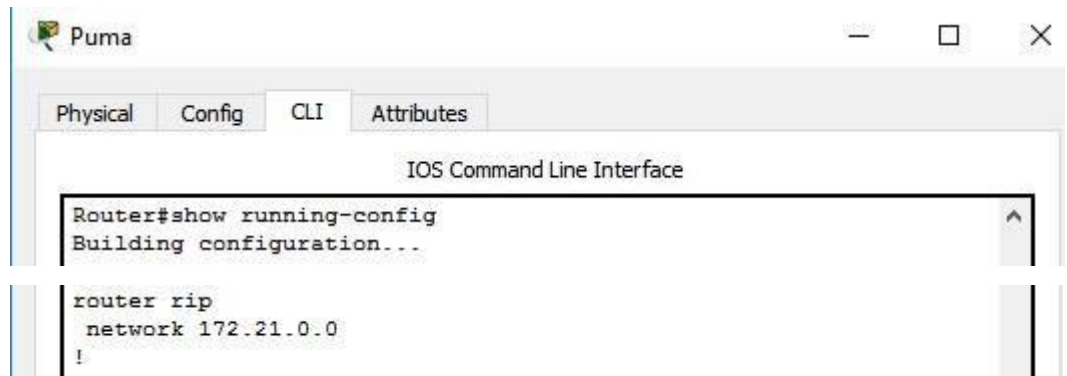
The screenshot shows a window titled 'Puma' with tabs for 'Physical', 'Config', 'CLI', and 'Attributes'. The 'CLI' tab is active, displaying the 'IOS Command Line Interface'. The commands entered are: 'Router>enable', 'Router#conf term', 'Router(config)#router rip', and 'Router(config-router)#network 172.21.0.0'.

```

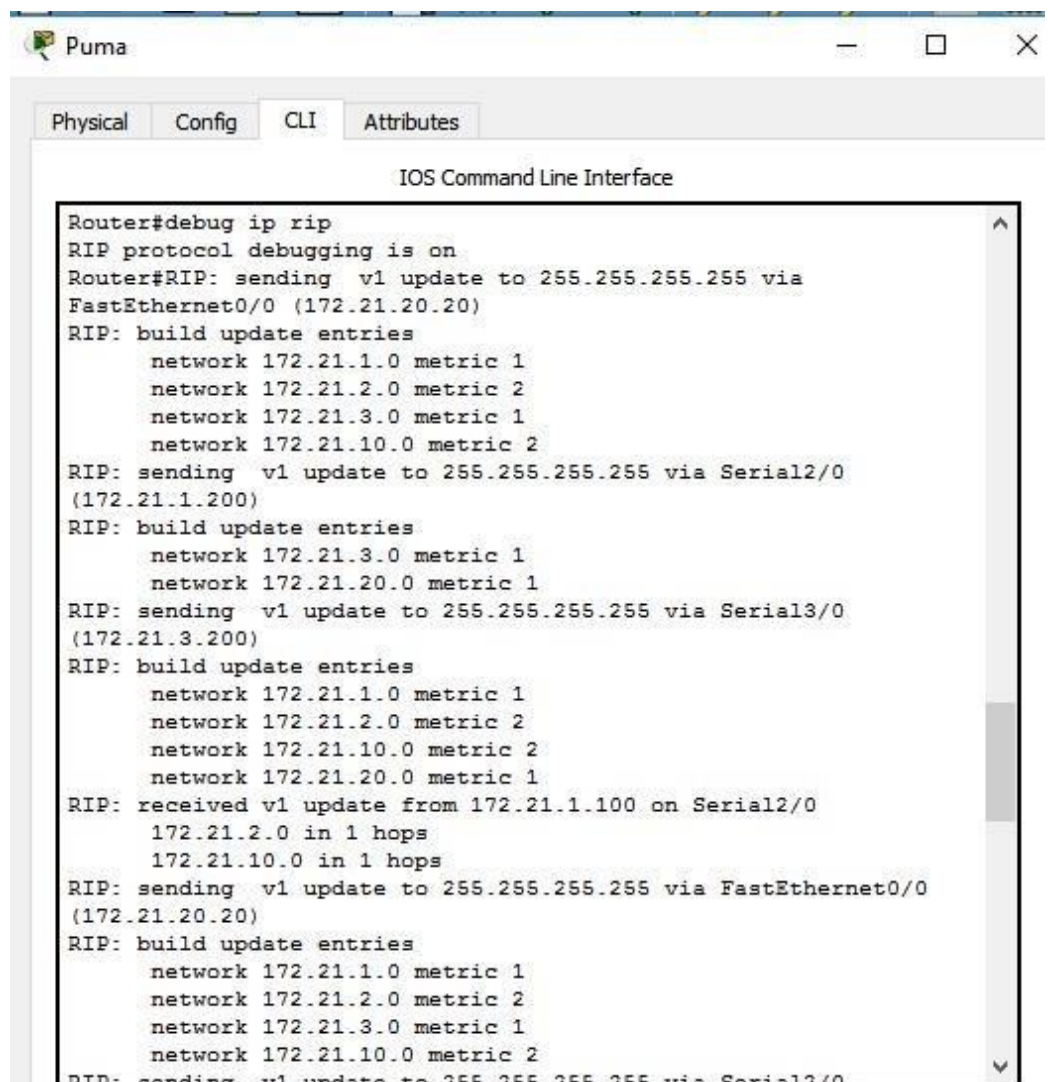
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#network 172.21.0.0

```

- Melihat konfigurasi routing RIP



- Update routing RIP




```

RIP: sending v1 update to 255.255.255.255 via Serial3/0
(172.21.3.200)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.2.0 metric 2
    network 172.21.10.0 metric 2
    network 172.21.20.0 metric 1
RIP: received v1 update from 172.21.1.100 on Serial2/0
    172.21.2.0 in 1 hops
    172.21.10.0 in 1 hops
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0
(172.21.20.20)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.2.0 metric 2
    network 172.21.3.0 metric 1
    network 172.21.10.0 metric 2
RIP: sending v1 update to 255.255.255.255 via Serial2/0
(172.21.1.200)
RIP: build update entries
    network 172.21.3.0 metric 1
    network 172.21.20.0 metric 1
RIP: sending v1 update to 255.255.255.255 via Serial3/0
(172.21.3.200)
RIP: build update entries
    network 172.21.1.0 metric 1
    network 172.21.2.0 metric 2
    network 172.21.10.0 metric 2
    network 172.21.20.0 metric 1
RIP: received v1 update from 172.21.1.100 on Serial2/0
    172.21.2.0 in 1 hops
    172.21.10.0 in 1 hops

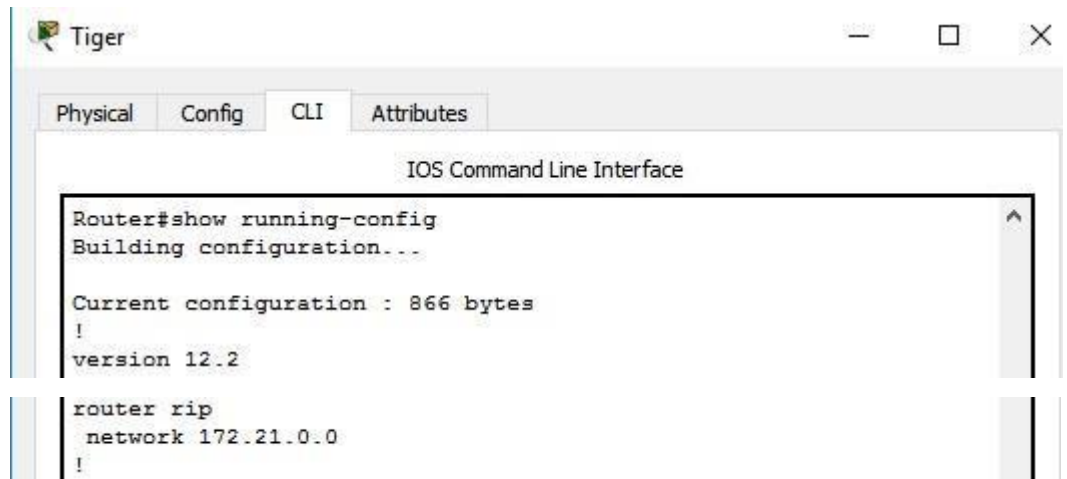
```

➤ **TIGER**

- Konfigurasi routing RIP



- Melihat konfigurasi routing RIP



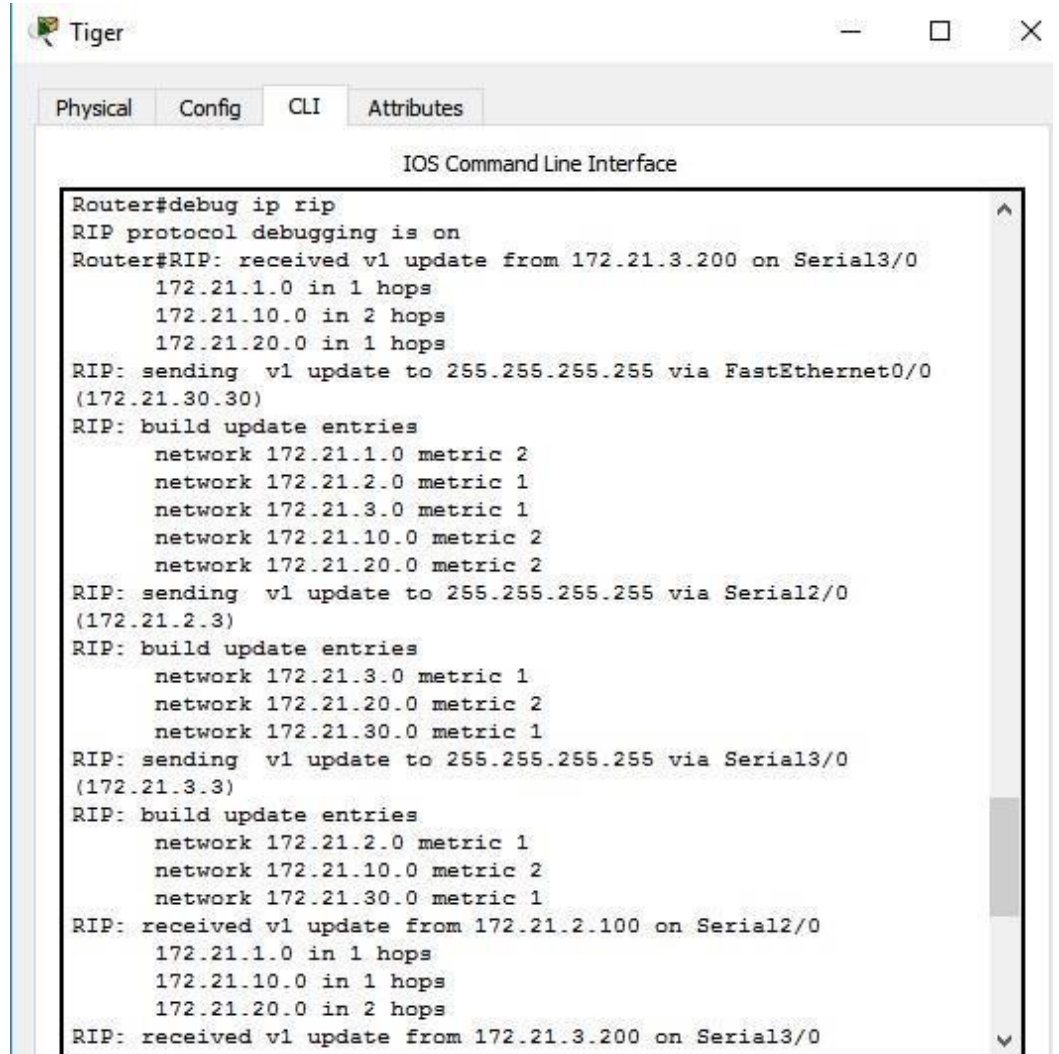
The screenshot shows a window titled "Tiger" with tabs for Physical, Config, CLI, and Attributes. The CLI tab is active, displaying the "IOS Command Line Interface". The text in the CLI window is as follows:

```
Router#show running-config
Building configuration...

Current configuration : 866 bytes
!
version 12.2

router rip
 network 172.21.0.0
!
```

- Update routing RIP



The screenshot shows the same "Tiger" window with the CLI tab active. The text in the CLI window is as follows:

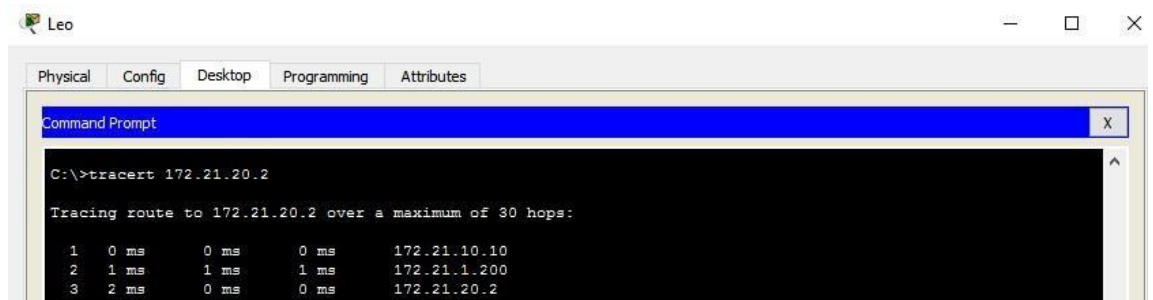
```
Router#debug ip rip
RIP protocol debugging is on
Router#RIP: received v1 update from 172.21.3.200 on Serial3/0
 172.21.1.0 in 1 hops
 172.21.10.0 in 2 hops
 172.21.20.0 in 1 hops
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0
(172.21.30.30)
RIP: build update entries
  network 172.21.1.0 metric 2
  network 172.21.2.0 metric 1
  network 172.21.3.0 metric 1
  network 172.21.10.0 metric 2
  network 172.21.20.0 metric 2
RIP: sending v1 update to 255.255.255.255 via Serial2/0
(172.21.2.3)
RIP: build update entries
  network 172.21.3.0 metric 1
  network 172.21.20.0 metric 2
  network 172.21.30.0 metric 1
RIP: sending v1 update to 255.255.255.255 via Serial3/0
(172.21.3.3)
RIP: build update entries
  network 172.21.2.0 metric 1
  network 172.21.10.0 metric 2
  network 172.21.30.0 metric 1
RIP: received v1 update from 172.21.2.100 on Serial2/0
 172.21.1.0 in 1 hops
 172.21.10.0 in 1 hops
 172.21.20.0 in 2 hops
RIP: received v1 update from 172.21.3.200 on Serial3/0
```

```

RIP: sending v1 update to 255.255.255.255 via Serial3/0
(172.21.3.3)
RIP: build update entries
    network 172.21.2.0 metric 1
    network 172.21.10.0 metric 2
    network 172.21.30.0 metric 1
RIP: received v1 update from 172.21.2.100 on Serial2/0
    172.21.1.0 in 1 hops
    172.21.10.0 in 1 hops
    172.21.20.0 in 2 hops
RIP: received v1 update from 172.21.3.200 on Serial3/0
    172.21.1.0 in 1 hops
    172.21.10.0 in 2 hops
    172.21.20.0 in 1 hops
RIP: sending v1 update to 255.255.255.255 via FastEthernet0/0
(172.21.30.30)
RIP: build update entries
    network 172.21.1.0 metric 2
    network 172.21.2.0 metric 1
    network 172.21.3.0 metric 1
    network 172.21.10.0 metric 2
    network 172.21.20.0 metric 2
RIP: sending v1 update to 255.255.255.255 via Serial2/0
(172.21.2.3)
RIP: build update entries
    network 172.21.3.0 metric 1
    network 172.21.20.0 metric 2
    network 172.21.30.0 metric 1
RIP: sending v1 update to 255.255.255.255 via Serial3/0
(172.21.3.3)
RIP: build update entries

```

G. Tracert PC Leo ke PC Aries



The screenshot shows a Windows desktop environment with a window titled "Leo" containing a "Command Prompt" application. The command prompt displays the command `C:\>tracert 172.21.20.2` and its output, which traces the route from the local host to the destination IP 172.21.20.2 over a maximum of 30 hops. The output shows three hops: Hop 1 to 172.21.10.10, Hop 2 to 172.21.1.200, and Hop 3 to the final destination 172.21.20.2.

```

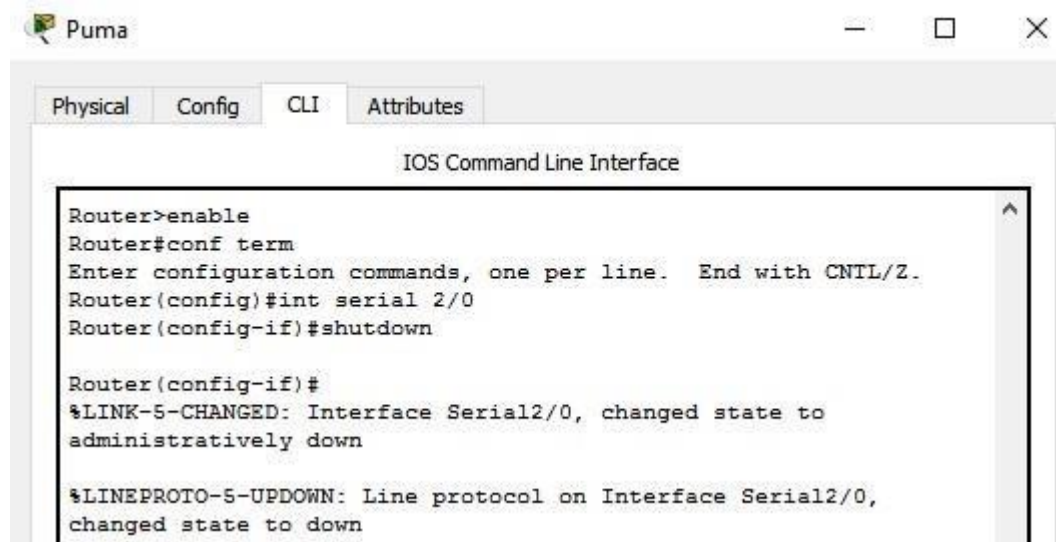
C:\>tracert 172.21.20.2

Tracing route to 172.21.20.2 over a maximum of 30 hops:

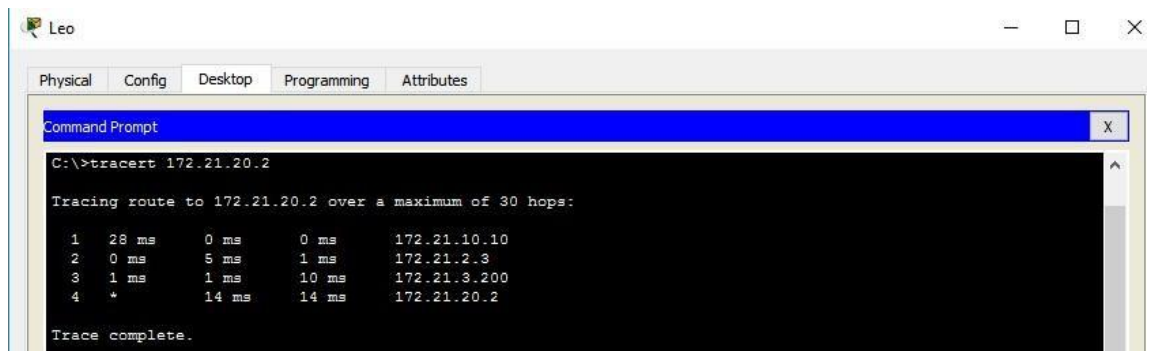
  0  0 ms  0 ms  0 ms  172.21.10.10
  1  1 ms  1 ms  1 ms  172.21.1.200
  2  2 ms  0 ms  0 ms  172.21.20.2

```

H. Memutus hubungan antara router Eagle dan Puma

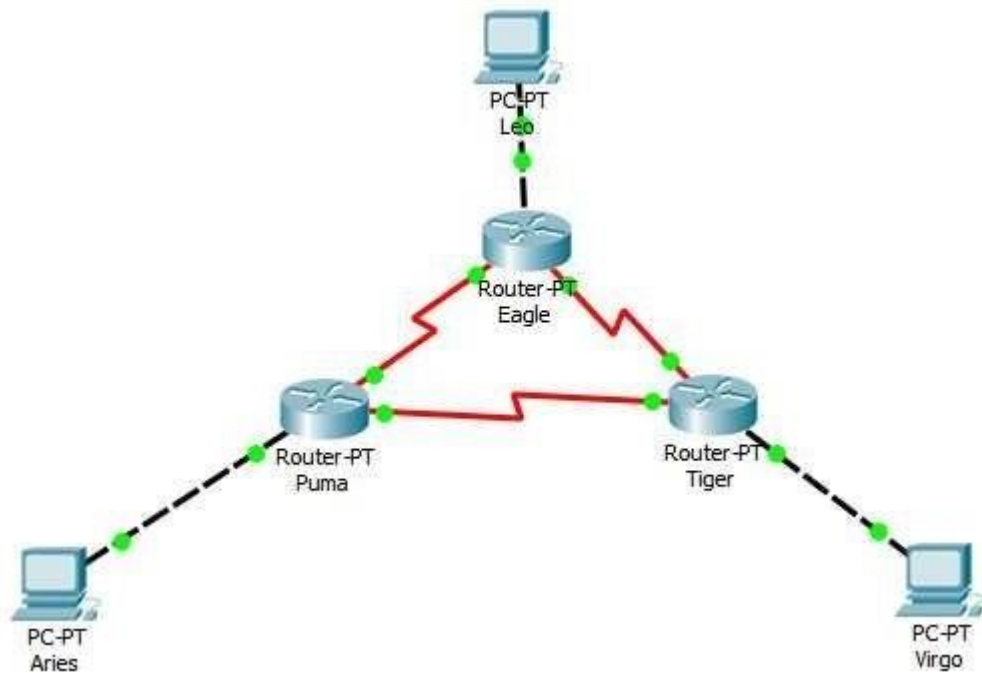


I. Tracert PC Leo ke PC Aries



ACTIVITY 3

- A. Membuka topologi kegiatan 1
- B. Load konfigurasi seluruh device yang disimpan pada langkah 6 kegiatan 1



C. Konfigurasi routing RIP pada router eagle

```

Eagle
Physical Config CLI Attributes
IOS Command Line Interface
Router>enable
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
  
```

D. Melihat konfigurasi routing RIP

```

Eagle
Physical Config CLI Attributes
IOS Command Line Interface
router eigrp 100
network 172.21.0.0
auto-summary
!
router rip
network 172.21.0.0
!
  
```

E. Melihat transaksi routing IGRP

F. Gatau

G. Routing IGRP pada router Puma dan Tiger

➤ PUMA

- **Konfigurasi routing RIP**
- **Melihat konfigurasi routing RIP**
- **Melihat transaksi routing IGRP**

➤ **TIGER**

- **Konfigurasi routing RIP**
- **Melihat konfigurasi routing RIP**
- **Melihat transaksi routing IGRP**

H. Trace PC Leo ke PC Aries

I. Memutus hubungan antara router Eagle dan Puma

J. Trace PC Leo ke PC Aries