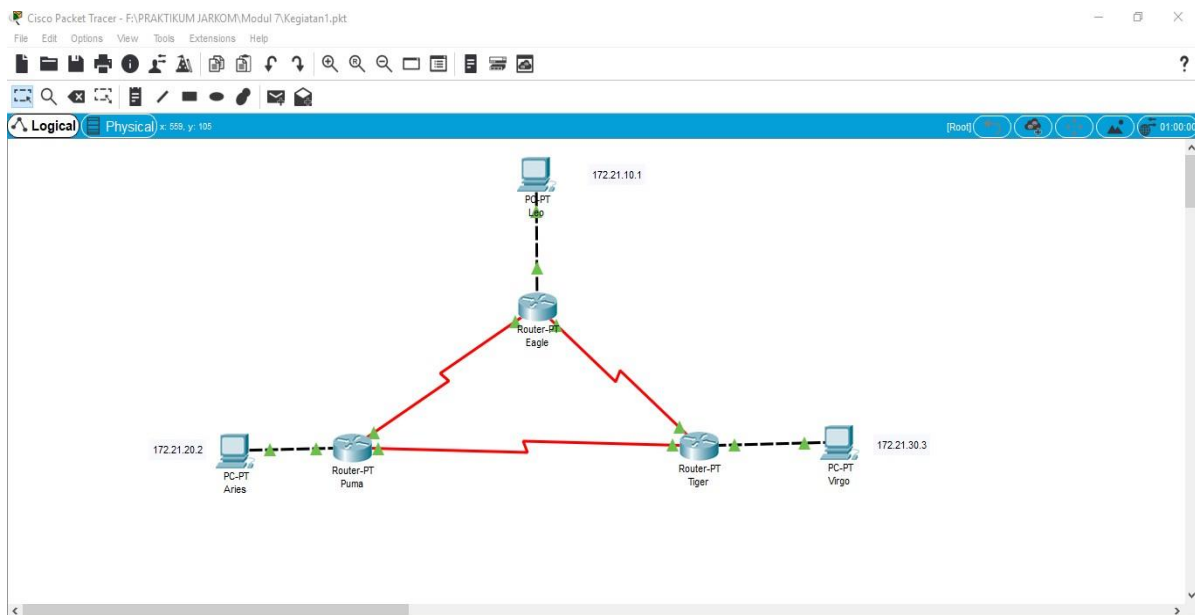


Name : Muhammad Rafi  
NIM : L200174138  
Class : X

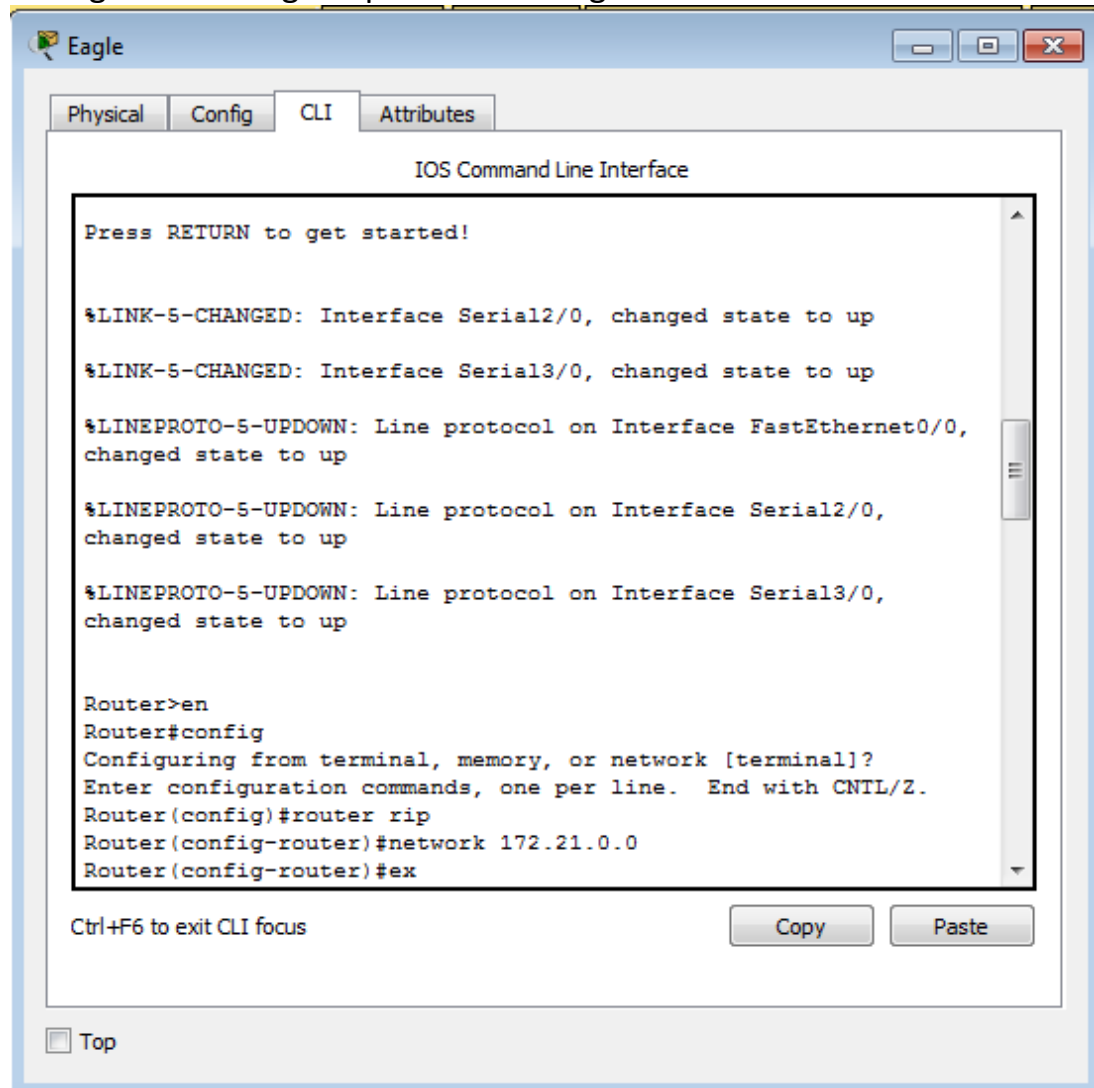
## Modul 7

### Kegiatan 2 & Kegiatan 3

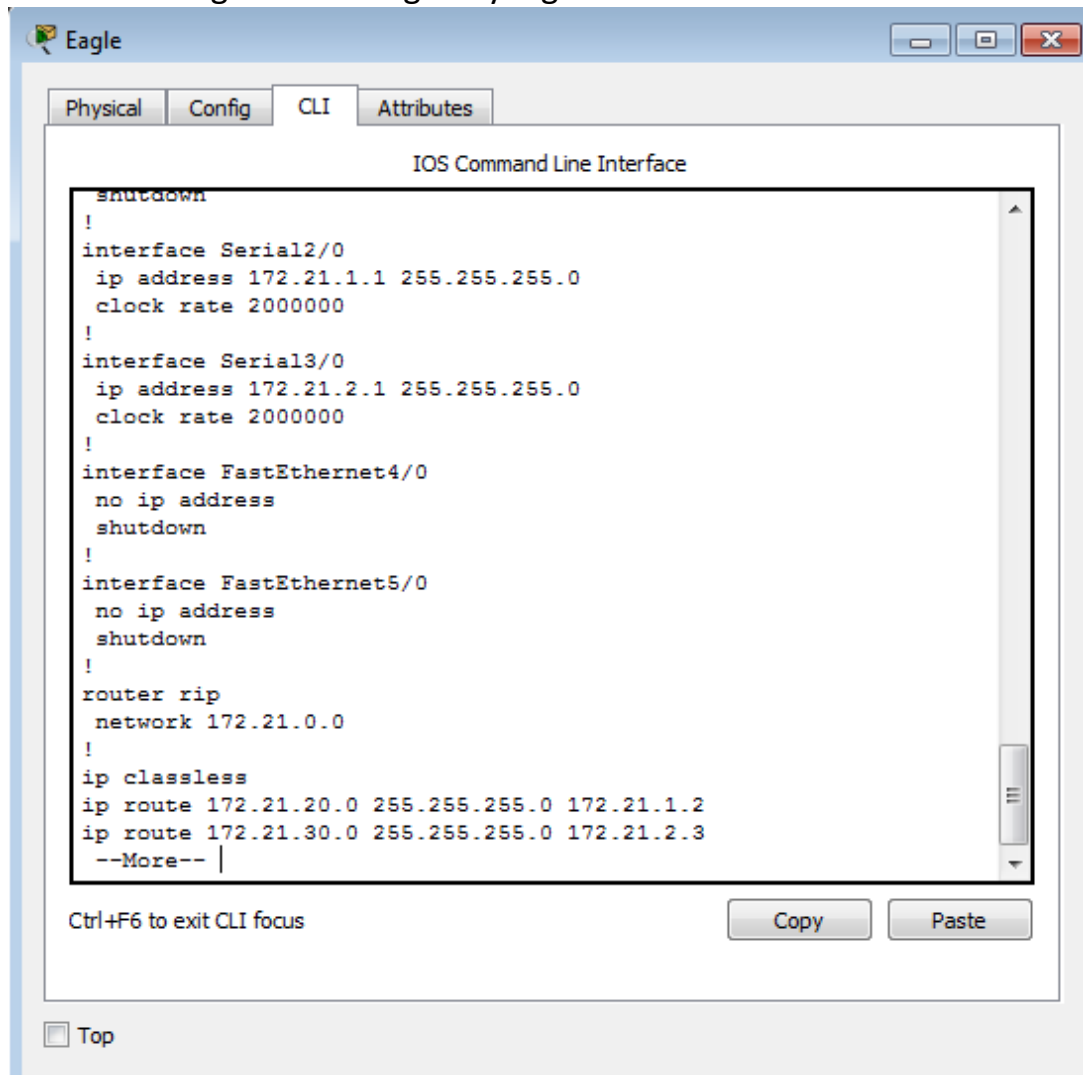


## Kegiatan 2 (Routing Information Protocol)

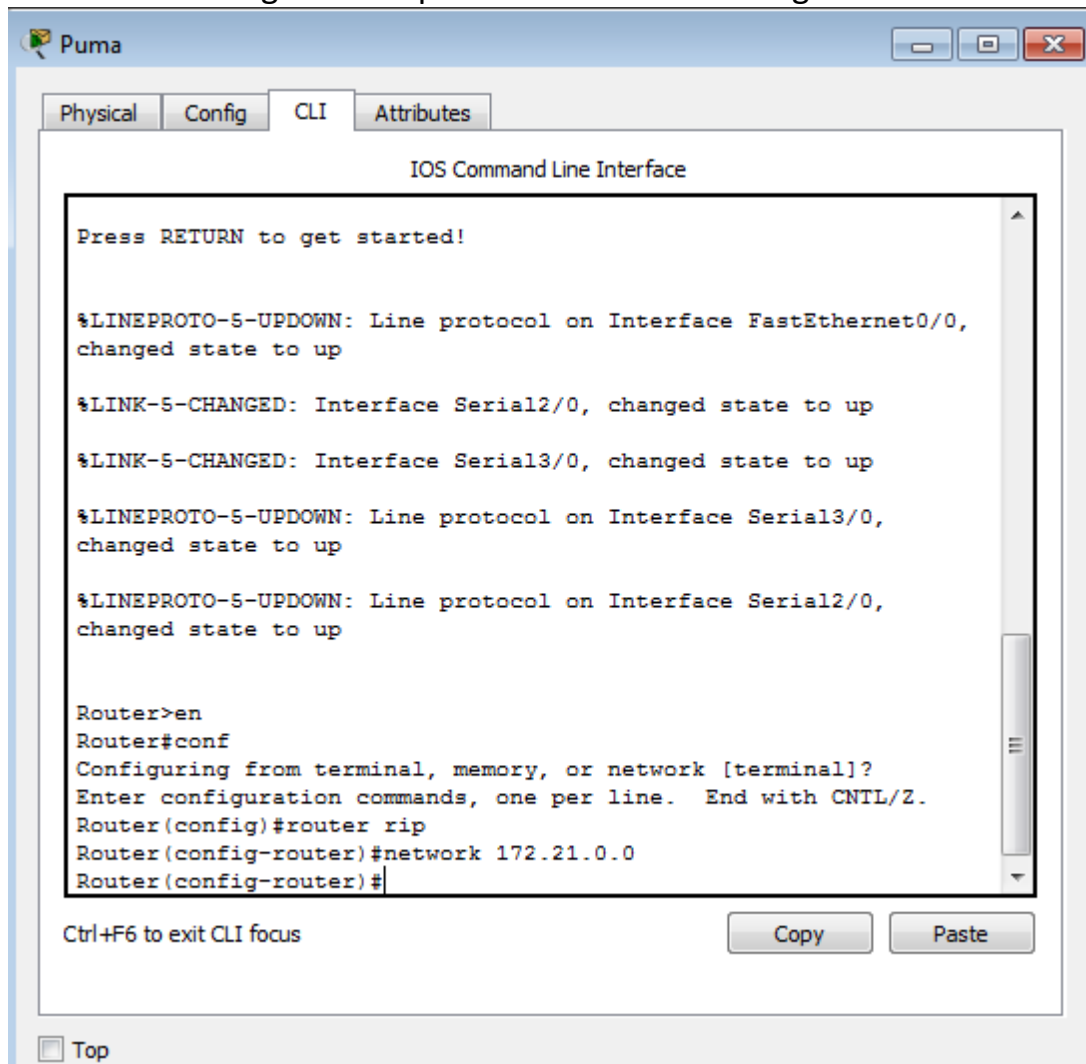
### 1. Konfigurasi routing RIP pada router eagle

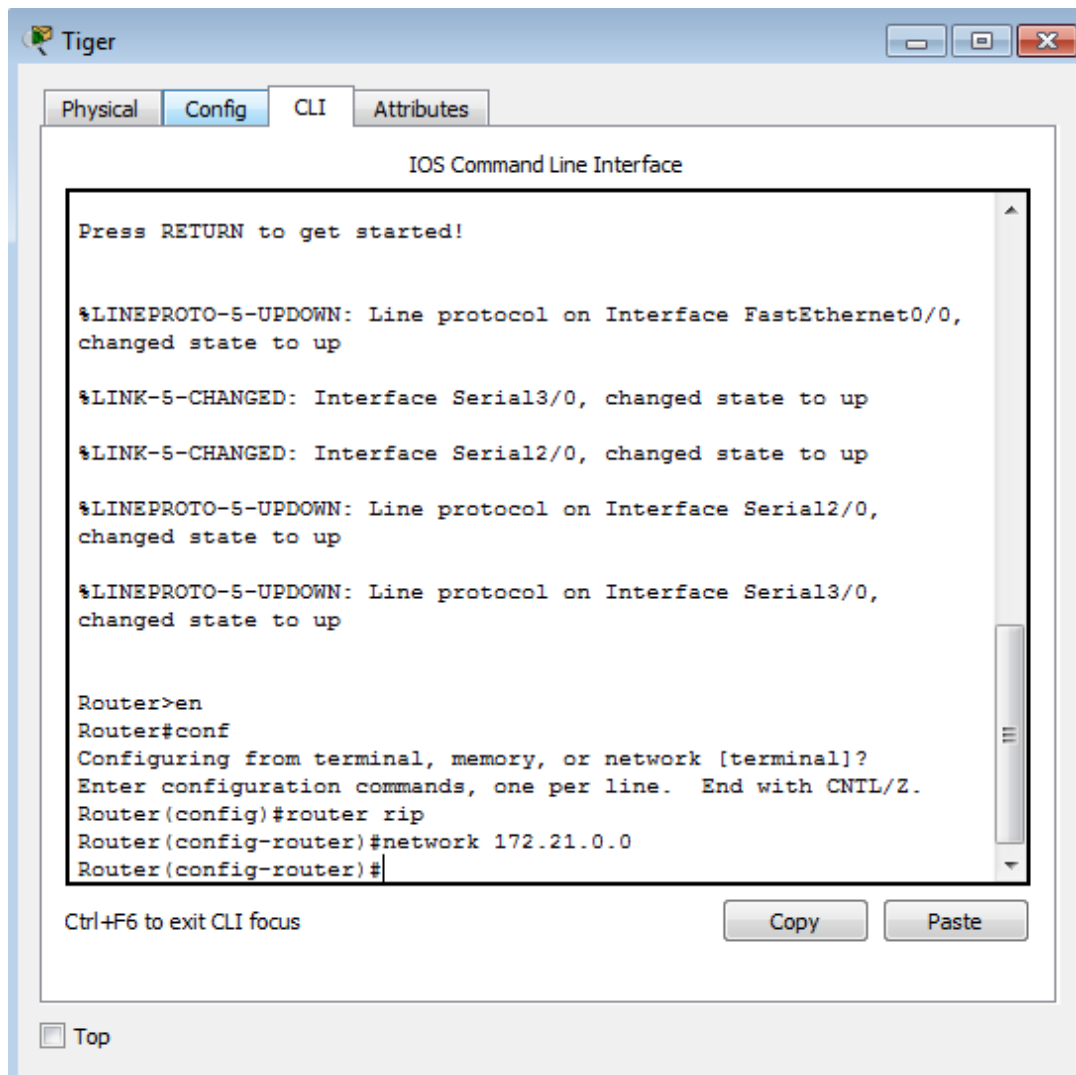


## 2. Melihat konfigurasi routing RIP yang telah dibuat

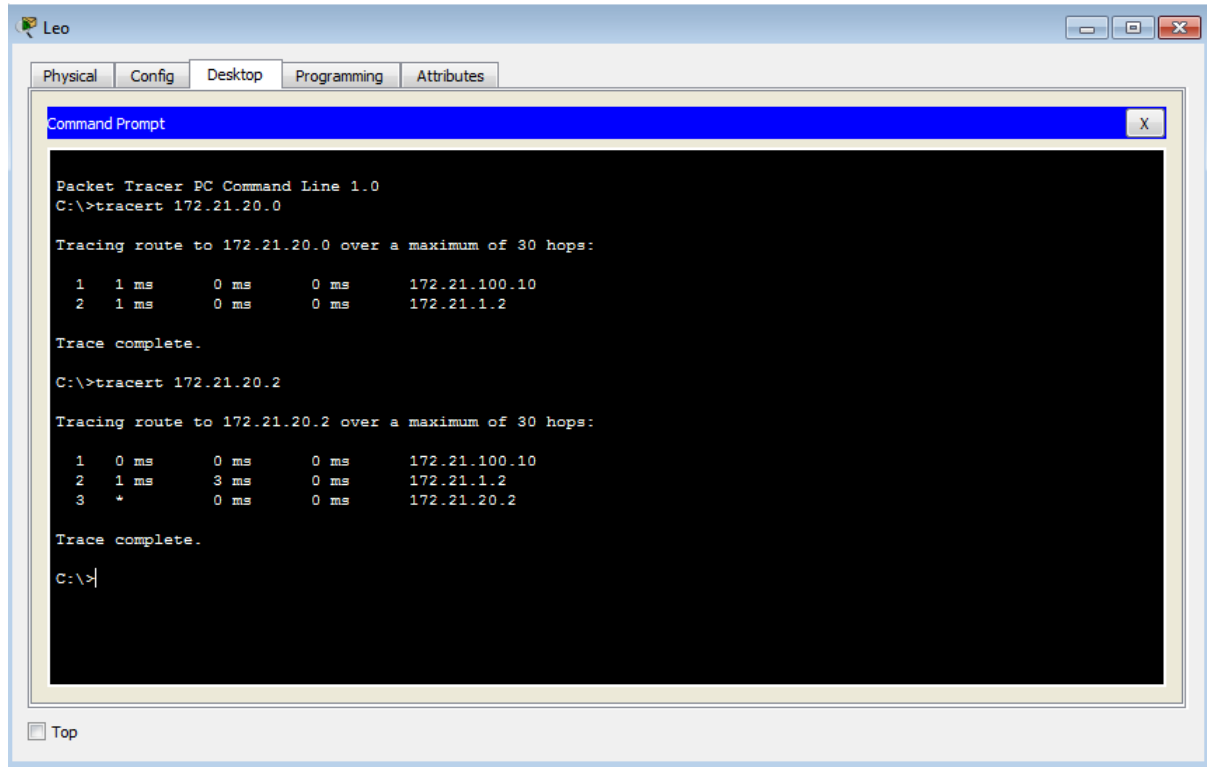


### 3. Melakukan konfigurasi RIP pada router Puma dan Tiger

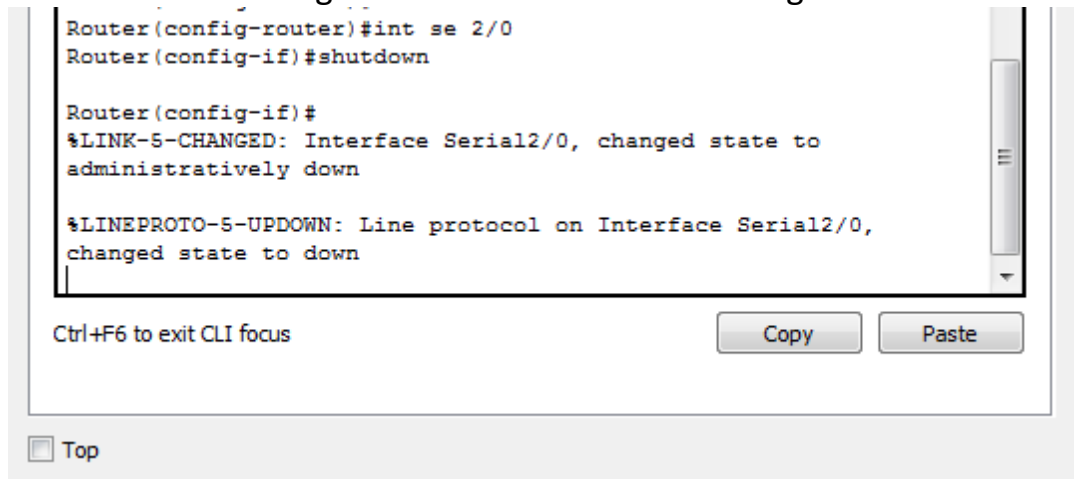




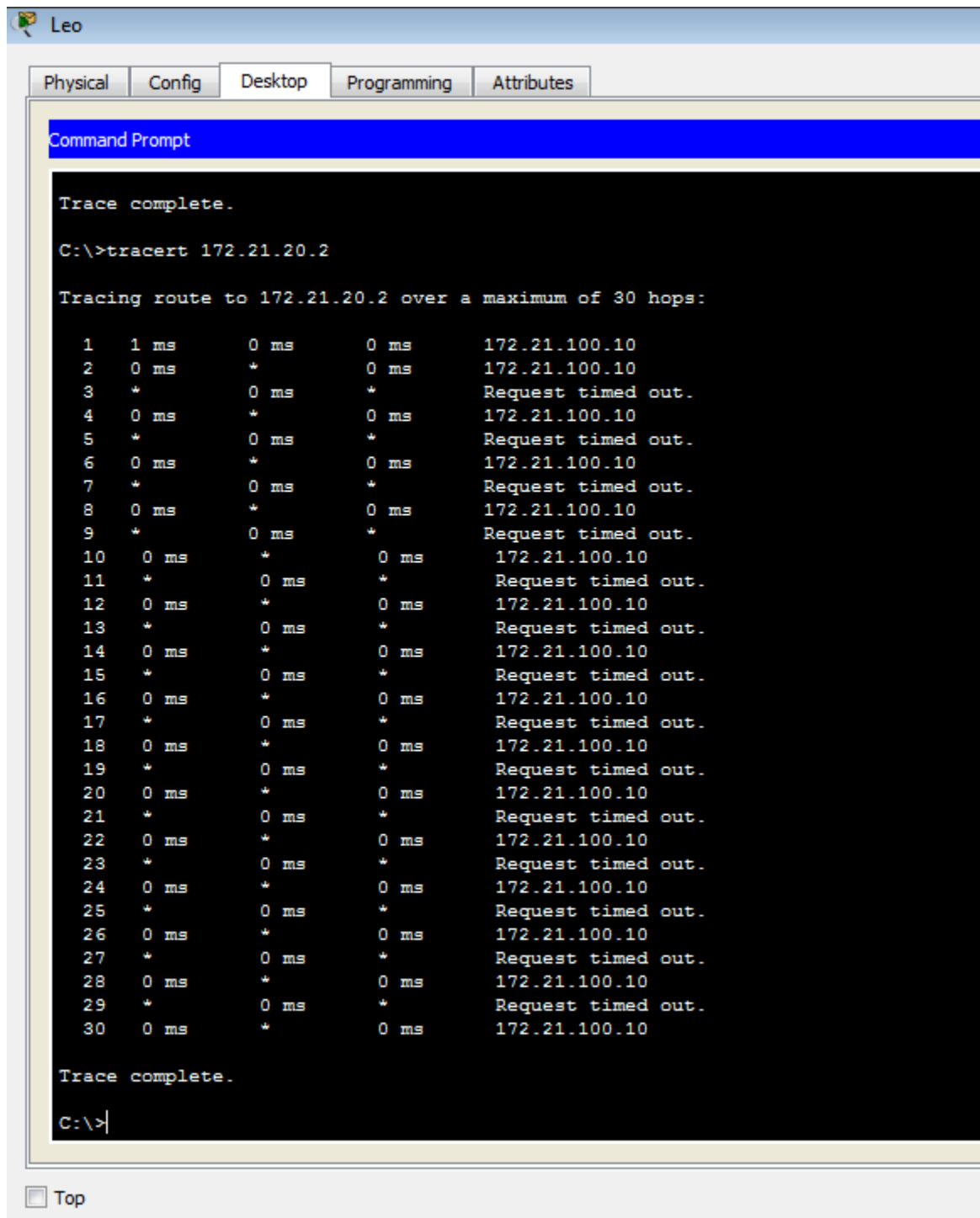
#### 4. Trace dari PC Leo ke Aries



#### 5. Memutuskan hubungan antara router Puma dan Eagle



6. Trace PC Leo ke Aries setelah memutuskan hubungan router Puma dan Eagle



The screenshot shows a network simulation 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 `tracert 172.21.20.2`. The output indicates that the trace is complete and shows the route from the source to the destination IP address 172.21.20.2. The route consists of 30 hops, with the first hop being 172.21.100.10. All subsequent hops result in "Request timed out.".

```
Trace complete.  
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      172.21.100.10  
  2  0 ms      *          0 ms      172.21.100.10  
  3  *          0 ms      *          Request timed out.  
  4  0 ms      *          0 ms      172.21.100.10  
  5  *          0 ms      *          Request timed out.  
  6  0 ms      *          0 ms      172.21.100.10  
  7  *          0 ms      *          Request timed out.  
  8  0 ms      *          0 ms      172.21.100.10  
  9  *          0 ms      *          Request timed out.  
 10  0 ms      *          0 ms      172.21.100.10  
 11  *          0 ms      *          Request timed out.  
 12  0 ms      *          0 ms      172.21.100.10  
 13  *          0 ms      *          Request timed out.  
 14  0 ms      *          0 ms      172.21.100.10  
 15  *          0 ms      *          Request timed out.  
 16  0 ms      *          0 ms      172.21.100.10  
 17  *          0 ms      *          Request timed out.  
 18  0 ms      *          0 ms      172.21.100.10  
 19  *          0 ms      *          Request timed out.  
 20  0 ms      *          0 ms      172.21.100.10  
 21  *          0 ms      *          Request timed out.  
 22  0 ms      *          0 ms      172.21.100.10  
 23  *          0 ms      *          Request timed out.  
 24  0 ms      *          0 ms      172.21.100.10  
 25  *          0 ms      *          Request timed out.  
 26  0 ms      *          0 ms      172.21.100.10  
 27  *          0 ms      *          Request timed out.  
 28  0 ms      *          0 ms      172.21.100.10  
 29  *          0 ms      *          Request timed out.  
 30  0 ms      *          0 ms      172.21.100.10  
  
Trace complete.  
C:\>
```

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### Kegiatan 3 (Interior Gateway Routing Protocol)

#### 1. Konfigurasi routing EIGRP pada router Eagle

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

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

#### 2. Melihat konfigurasi routing EIGRP

```
router eigrp 100  
network 172.21.0.0  
auto-summary  
!  
router rip  
network 172.21.0.0  
!  
ip classless  
ip route 172.21.20.0 255.255.255.0 172.21.1.2  
ip route 172.21.30.0 255.255.255.0 172.21.3.3  
ip route 172.21.30.0 255.255.255.0 172.21.2.3  
!  
ip flow-export version 9  
!
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

#### 3. Melihat proses routing EIGRP dengan perintah “debug ip eigrp summary”

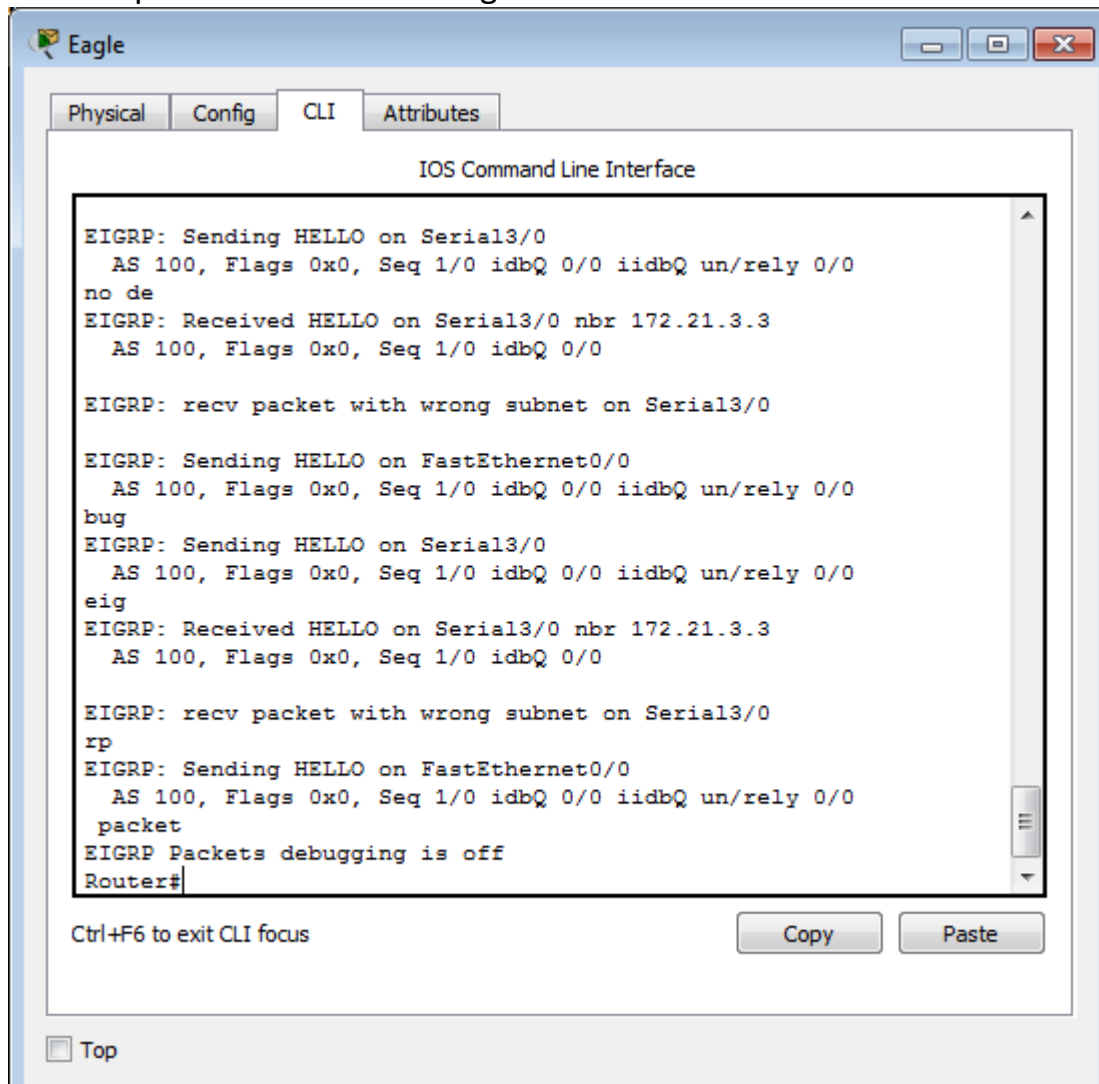
```
Router#debug ip eigrp summary  
IP-EIGRP Summary route processing debugging is on  
Router#
```

Ctrl+F6 to exit CLI focus

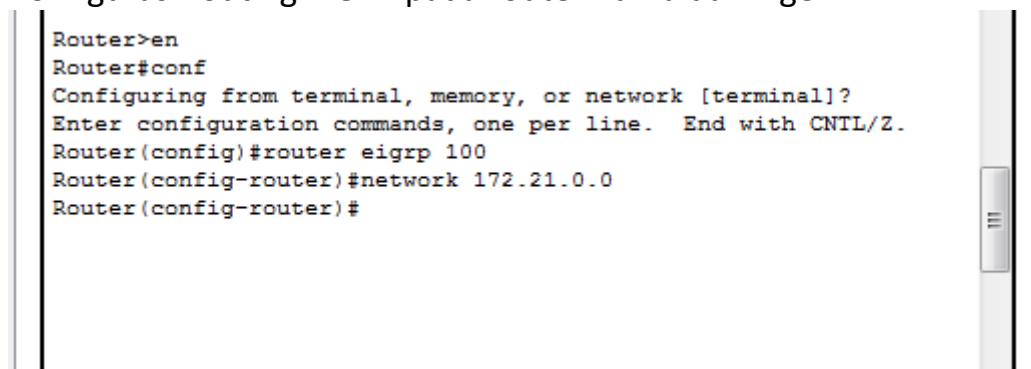
Copy Paste

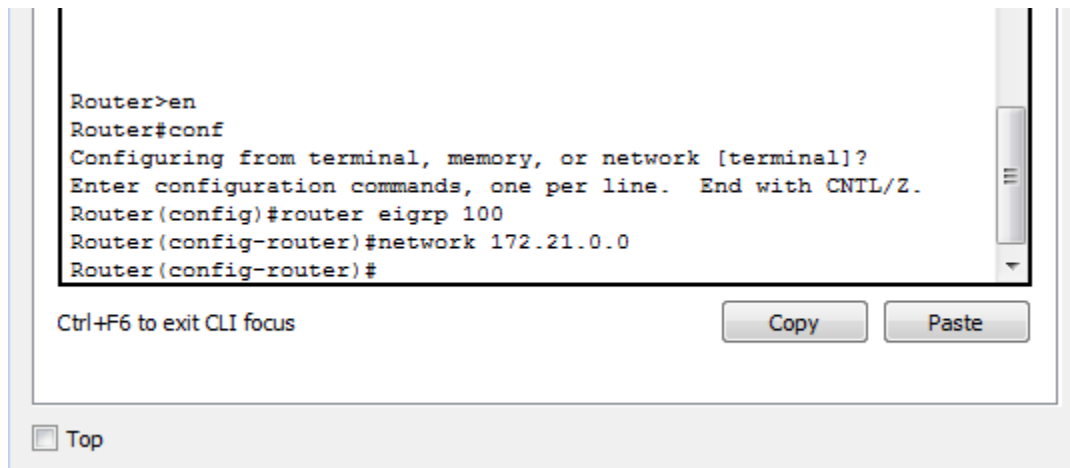


#### 4. Melihat proses transaksi routing EIGRP

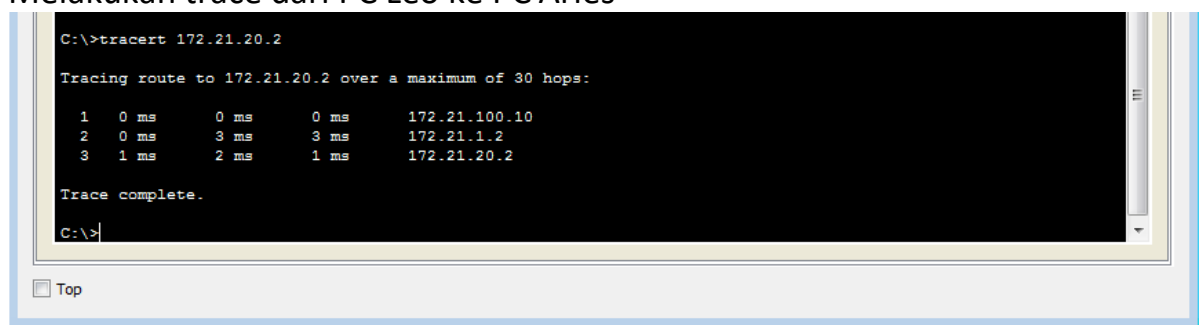


#### 5. Konfigurasi routing EIGRP pada router Puma dan Tiger

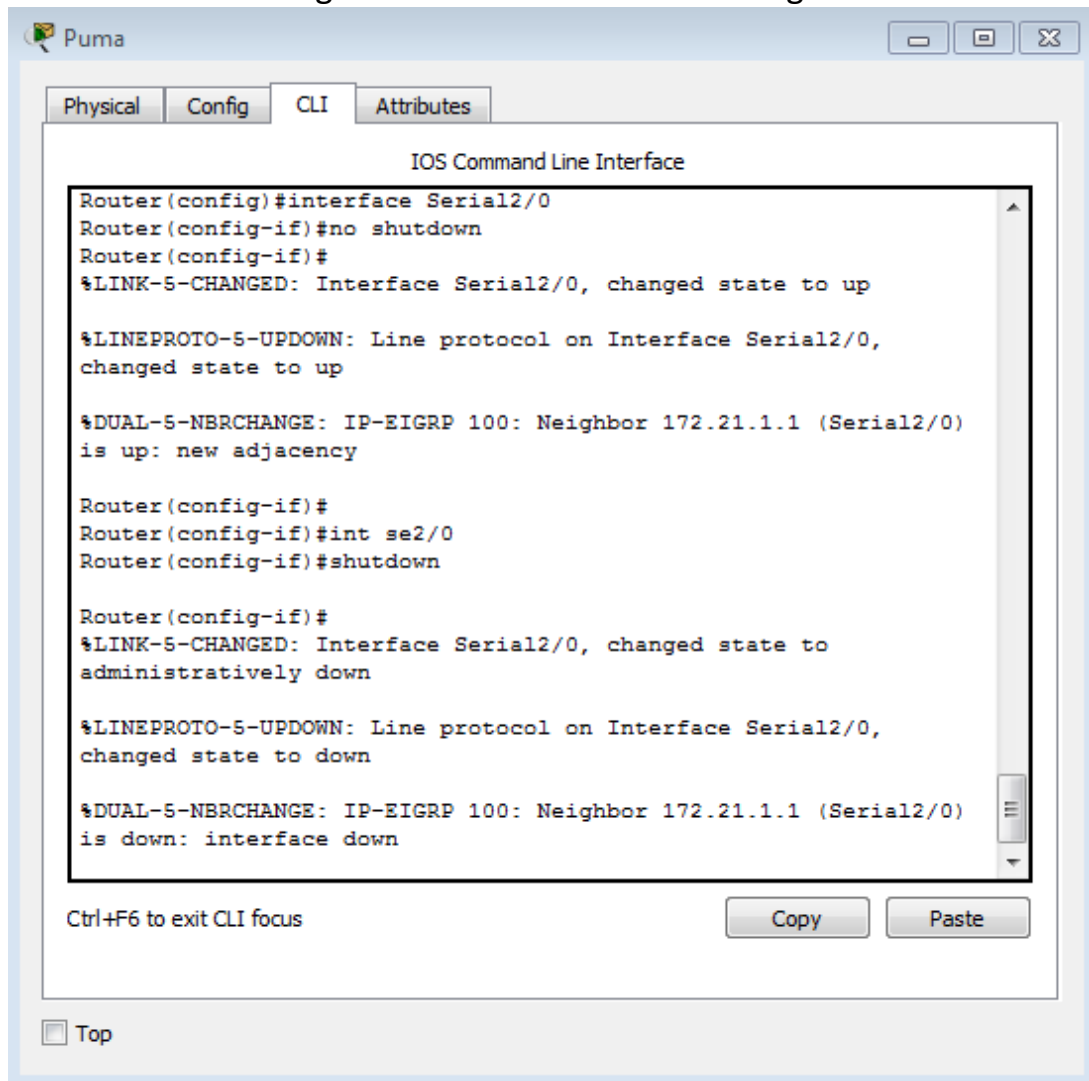




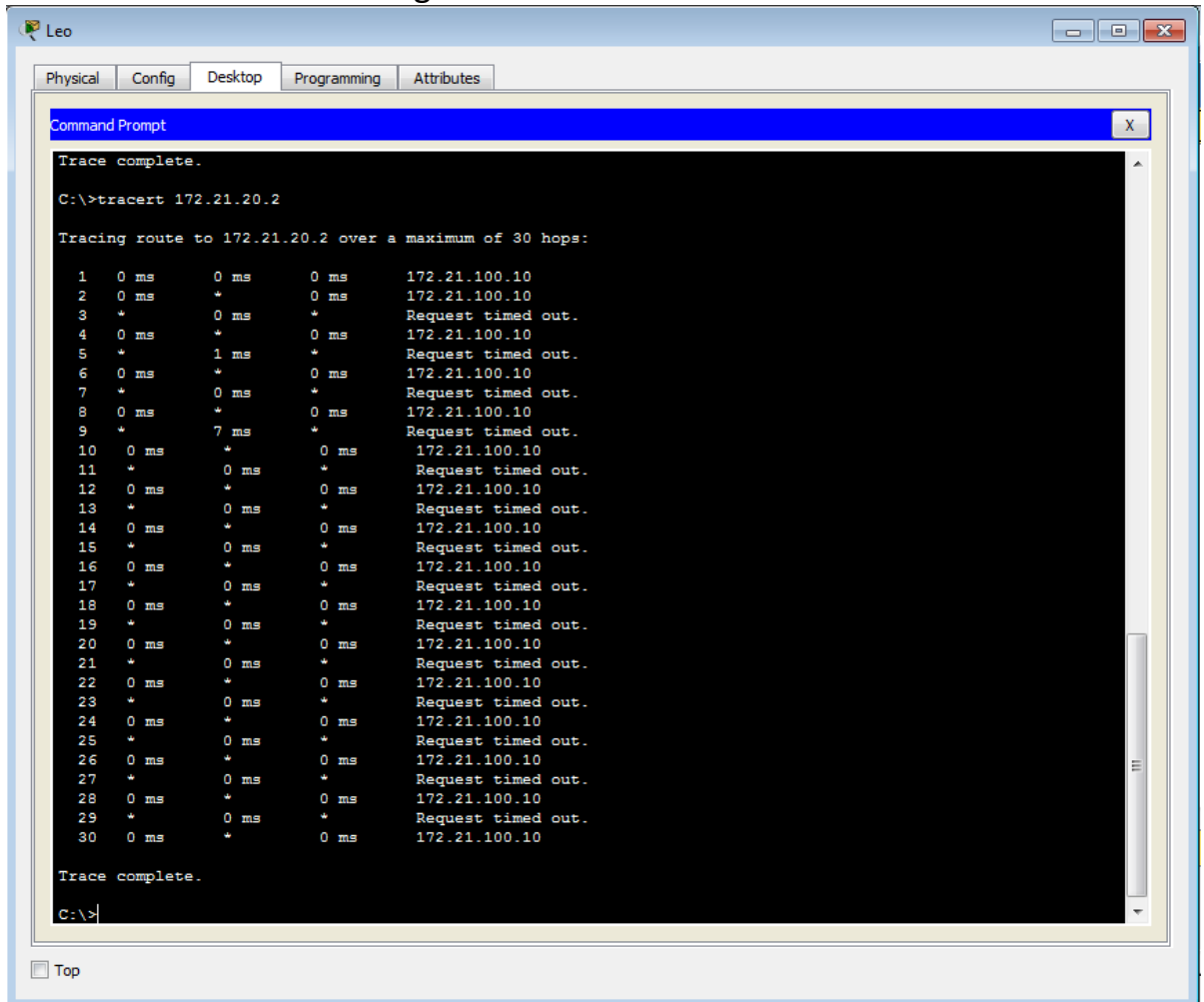
## 6. Melakukan trace dari PC Leo ke PC Aries



## 7. Memutuskan hubungan antara router Puma dan Eagle



8. Melakukan Trace dari PC Leo ke PC Arie setelah memutuskan hubungan antara router Puma dan Eagle



The screenshot shows a Cisco Packet Tracer window titled "Leo". It has 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:\>tracert 172.21.20.2`. The output indicates a successful trace to 172.21.20.2 over 30 hops, with all hops showing 0 ms latency and the destination IP 172.21.100.10. The trace is completed, and the prompt returns to `C:\>`.

```
Trace complete.

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  0 ms    *        0 ms    172.21.100.10
  3  *        0 ms    *        Request timed out.
  4  0 ms    *        0 ms    172.21.100.10
  5  *        1 ms    *        Request timed out.
  6  0 ms    *        0 ms    172.21.100.10
  7  *        0 ms    *        Request timed out.
  8  0 ms    *        0 ms    172.21.100.10
  9  *        7 ms    *        Request timed out.
 10  0 ms    *        0 ms    172.21.100.10
 11  *        0 ms    *        Request timed out.
 12  0 ms    *        0 ms    172.21.100.10
 13  *        0 ms    *        Request timed out.
 14  0 ms    *        0 ms    172.21.100.10
 15  *        0 ms    *        Request timed out.
 16  0 ms    *        0 ms    172.21.100.10
 17  *        0 ms    *        Request timed out.
 18  0 ms    *        0 ms    172.21.100.10
 19  *        0 ms    *        Request timed out.
 20  0 ms    *        0 ms    172.21.100.10
 21  *        0 ms    *        Request timed out.
 22  0 ms    *        0 ms    172.21.100.10
 23  *        0 ms    *        Request timed out.
 24  0 ms    *        0 ms    172.21.100.10
 25  *        0 ms    *        Request timed out.
 26  0 ms    *        0 ms    172.21.100.10
 27  *        0 ms    *        Request timed out.
 28  0 ms    *        0 ms    172.21.100.10
 29  *        0 ms    *        Request timed out.
 30  0 ms    *        0 ms    172.21.100.10

Trace complete.

C:\>
```