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Class : X

Modul 9



1. Melakukan Konfigurasi pada Router Internet

 Internet

Physical

Config

CLI

Attributes

IOS

```
2-BW speed serial(sync/async) network interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname internet
internet(config)#int fa 0/0
internet(config-if)#ip address 10.0.0.1 255.0.0.0
internet(config-if)#no shut

internet(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

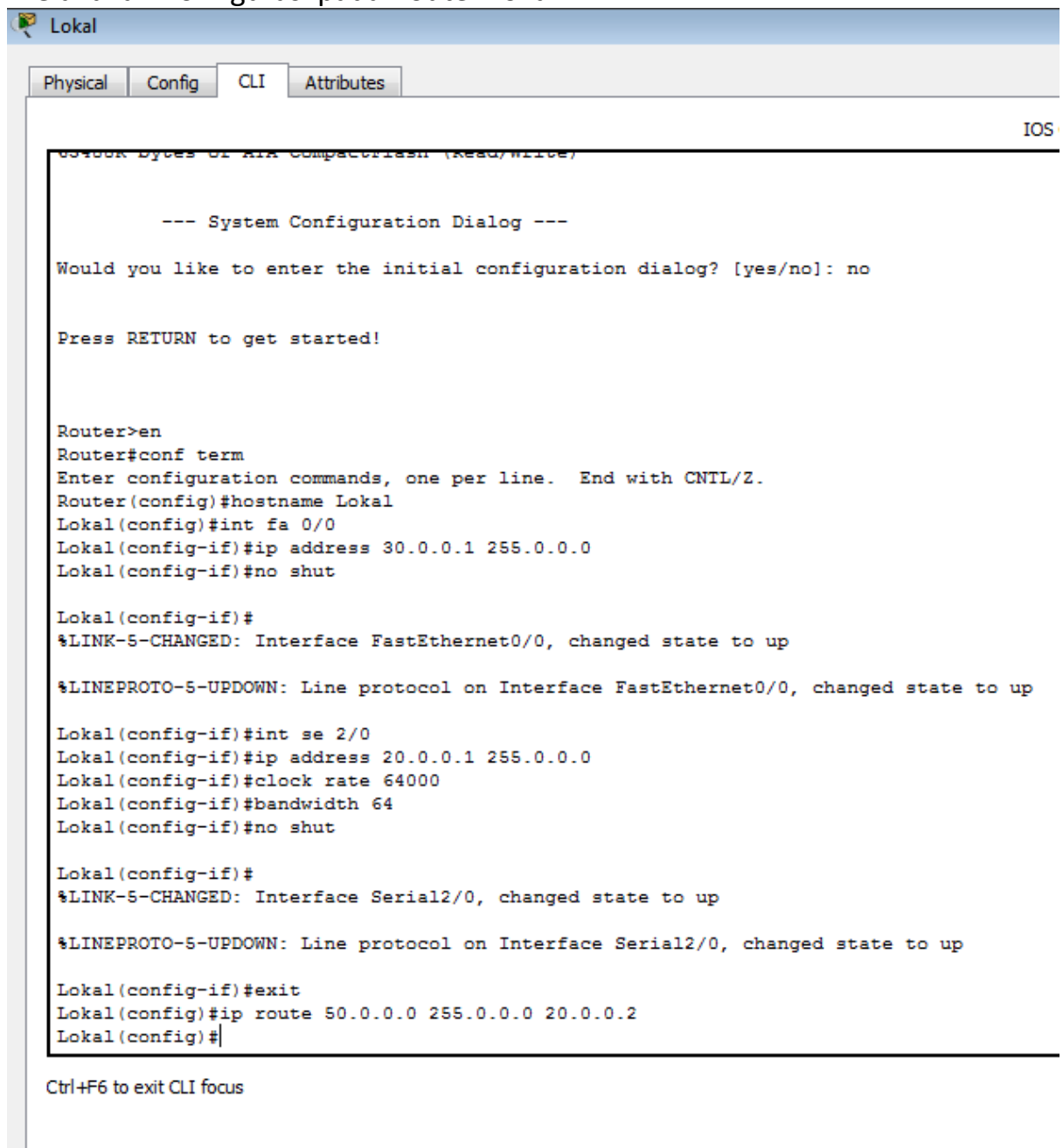
internet(config-if)#int se 2/0
internet(config-if)#ip address 20.0.0.2 255.0.0.0
internet(config-if)#no shut

%LINK-5-CHANGED: Interface Serial2/0, changed state to down
internet(config-if)#ip route 30.0.0.0 255.0.0.0 20.0.0.1
internet(config)#ip nat inside source static 10.0.0.2 50.0.0.1
internet(config)#int fa 0/0
internet(config-if)#ip nat inside
internet(config-if)#int se 2/0
internet(config-if)#ip nat outside
internet(config-if)#|
```

Ctrl+F6 to exit CLI focus

☐ Top

2. Melakukan Konfigurasi pada Router Lokal



3. Melakukan Konfigurasi pada PC1 dan PC2

The image displays two screenshots of a network configuration interface, likely from a packet tracer or similar simulation software. Both windows are titled 'PC1' and 'PC2' respectively, and show the 'Config' tab with the 'IP Configuration' section expanded.

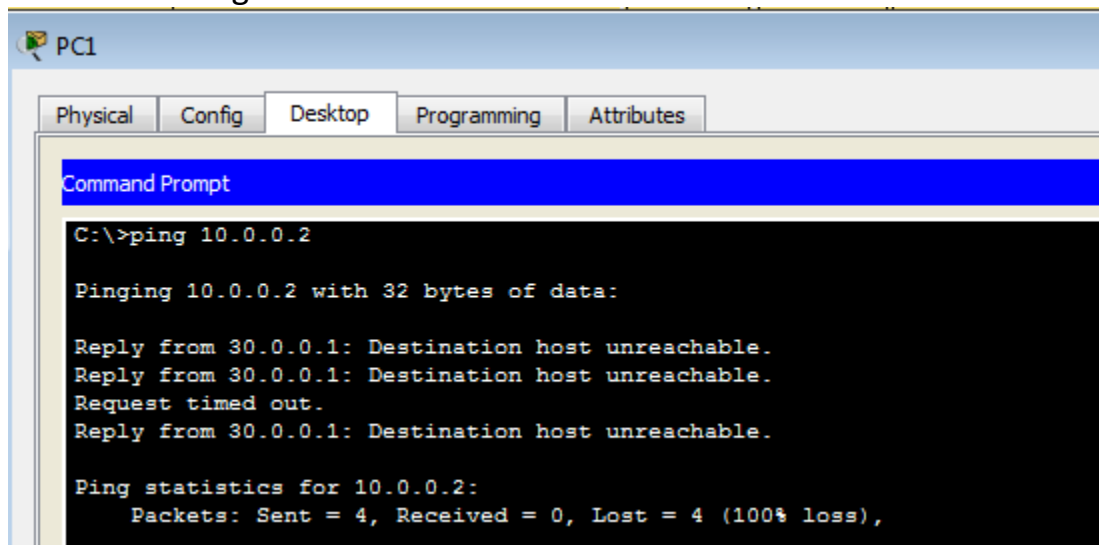
PC1 Configuration:

- IP Configuration:**
 - ☐ DHCP
 - ☒ Static
 - IP Address: 30.0.0.2
 - Subnet Mask: 255.0.0.0
 - Default Gateway: 30.0.0.1
 - DNS Server: 0.0.0.0
- IPv6 Configuration:**
 - ☐ DHCP
 - ☐ Auto Config
 - ☒ Static
 - IPv6 Address: (empty) / (empty)
 - Link Local Address: FE80::20C:CFFF:FE94:D2DA
 - IPv6 Gateway: (empty)
 - IPv6 DNS Server: (empty)

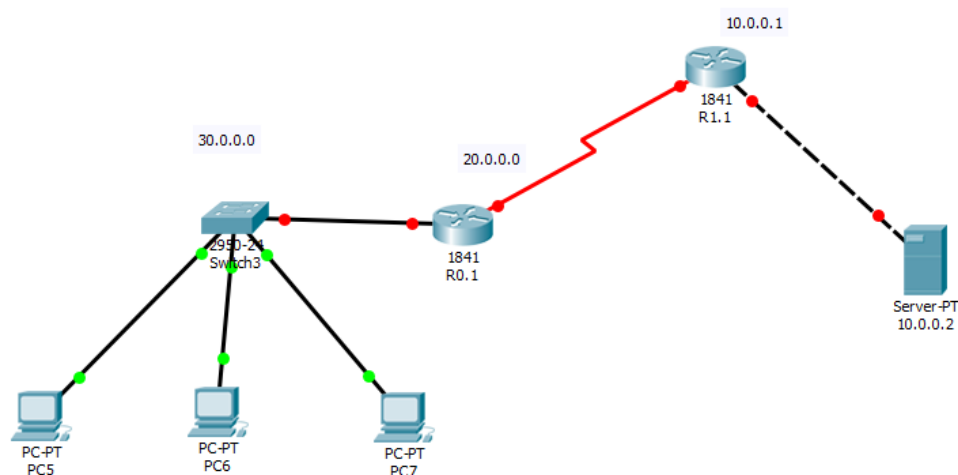
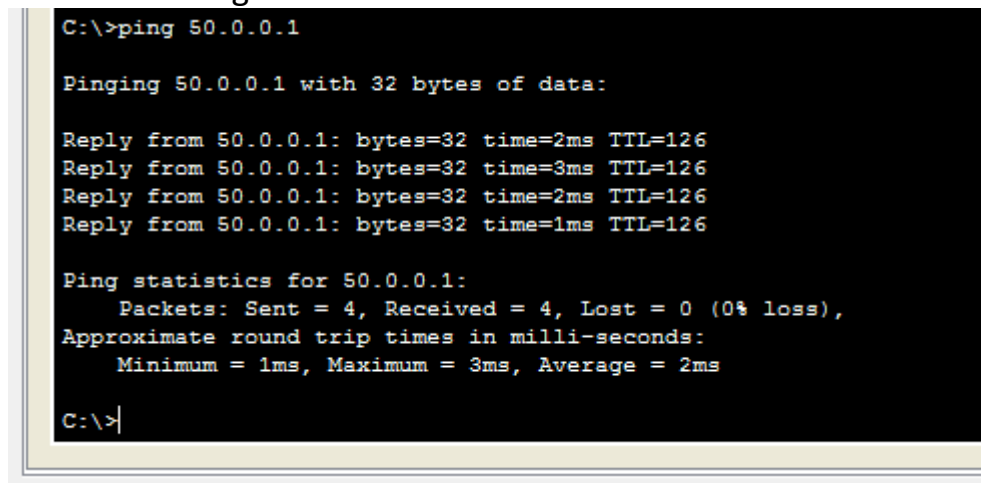
PC2 Configuration:

- IP Configuration:**
 - ☐ DHCP
 - ☒ Static
 - IP Address: 10.0.0.2
 - Subnet Mask: 255.0.0.0
 - Default Gateway: 10.0.0.1
 - DNS Server: 0.0.0.0
- IPv6 Configuration:**
 - ☐ DHCP
 - ☐ Auto Config
 - ☒ Static
 - IPv6 Address: (empty) / (empty)
 - Link Local Address: FE80::2D0:97FF:FECD:8B79
 - IPv6 Gateway: (empty)
 - IPv6 DNS Server: (empty)

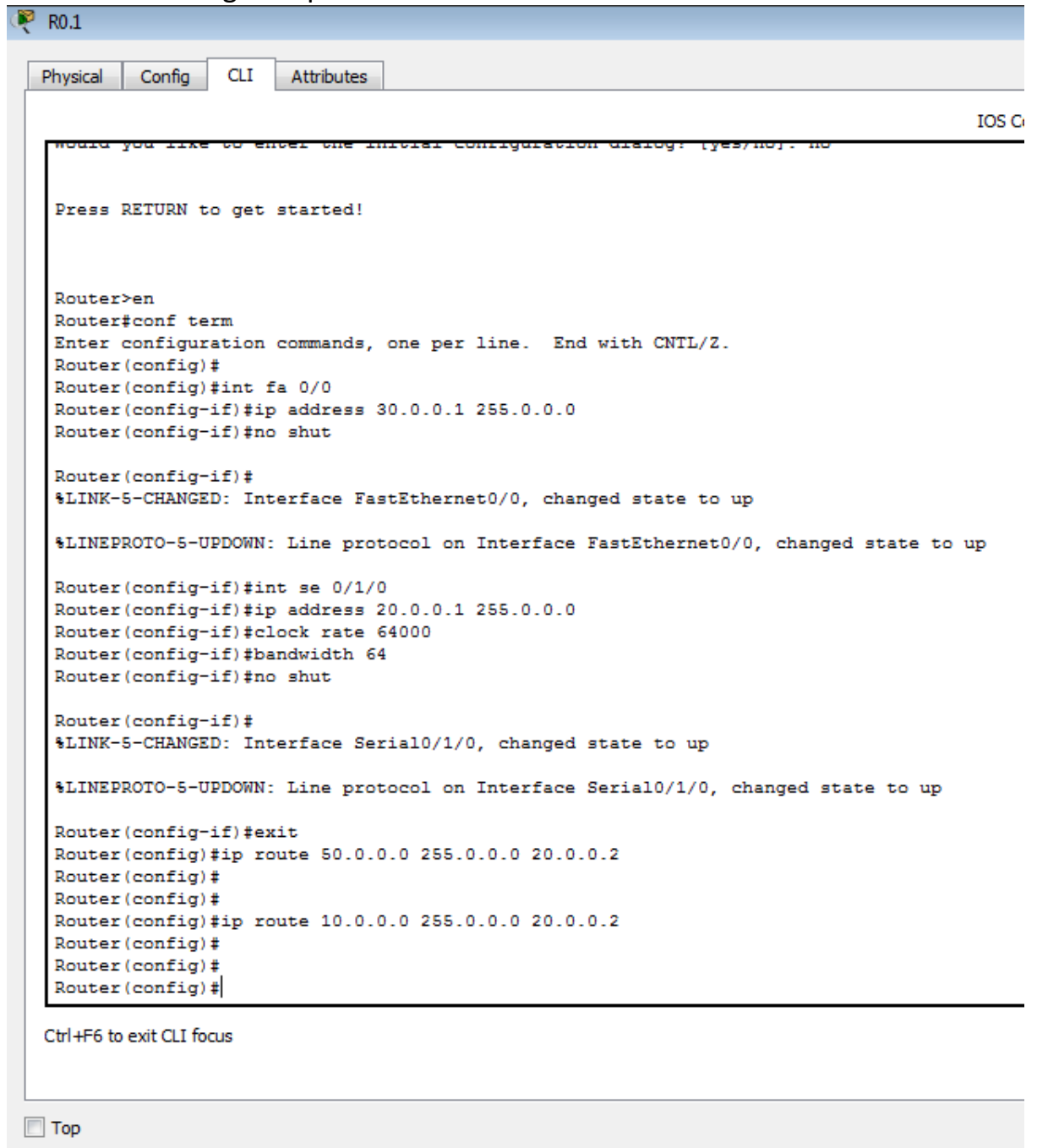
4. Melakukan Ping ke IP Private Server



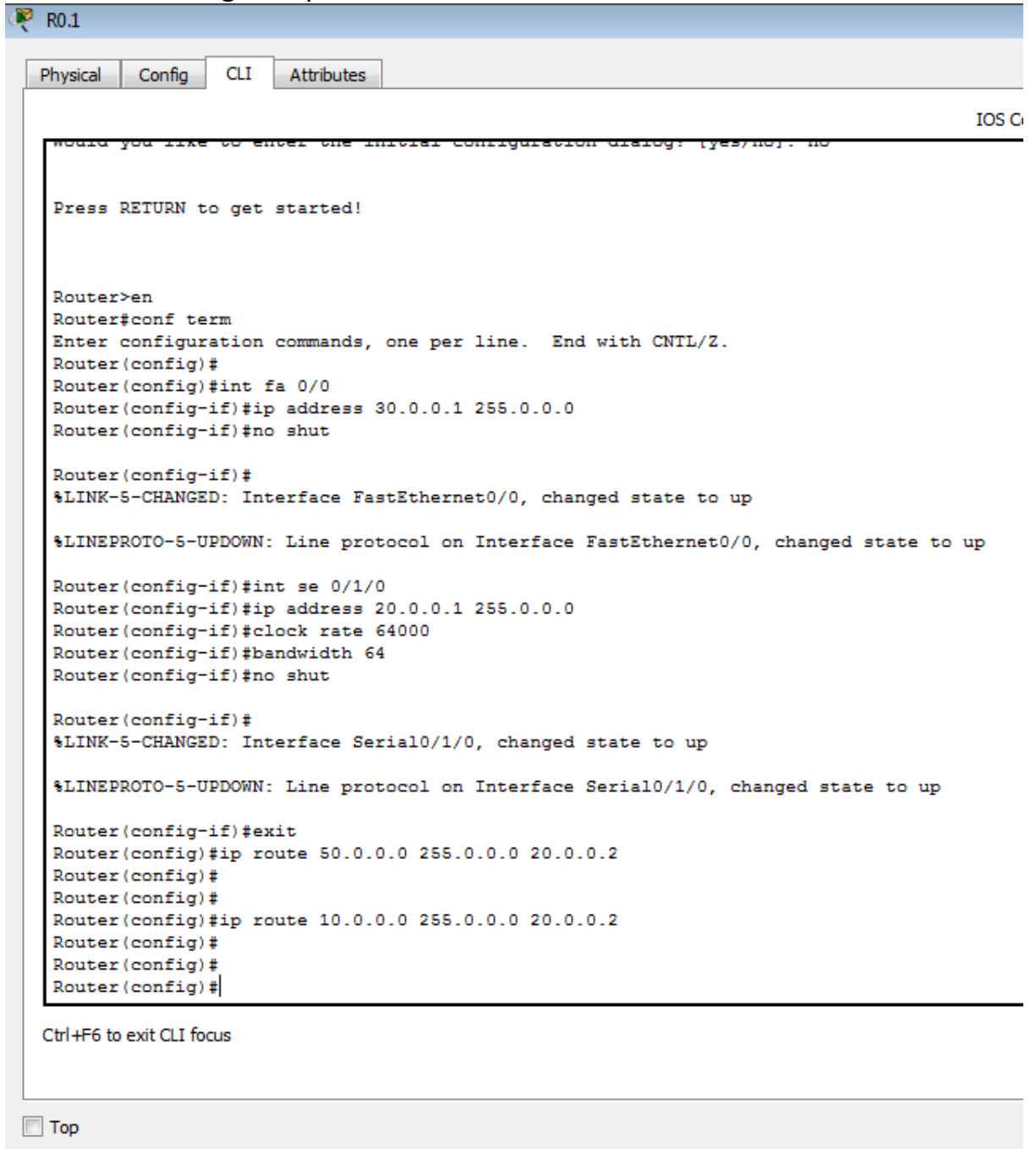
5. Melakukan Ping ke IP Publik Server



1. Melakukan Konfigurasi pada Router R0.1



2. Melakukan Konfigurasi pada Router R1.1



The screenshot shows the Cisco Packet Tracer interface for Router R0.1. The 'CLI' tab is selected, and the configuration process is underway. The router is in the initial configuration state, and the user has entered the following commands:

```
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#
Router(config)#int fa 0/0
Router(config-if)#ip address 30.0.0.1 255.0.0.0
Router(config-if)#no shut

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)#int se 0/1/0
Router(config-if)#ip address 20.0.0.1 255.0.0.0
Router(config-if)#clock rate 64000
Router(config-if)#bandwidth 64
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up

Router(config-if)#exit
Router(config)#ip route 50.0.0.0 255.0.0.0 20.0.0.2
Router(config)#
Router(config)#
Router(config)#ip route 10.0.0.0 255.0.0.0 20.0.0.2
Router(config)#
Router(config)#
Router(config)#
```

Below the CLI window, a message indicates: "Ctrl+F6 to exit CLI focus". At the bottom left, there is a "Top" button.

3. Melakukan Ping dari PC5 ke Publik Server

```
C:\>ping 50.0.0.1

Pinging 50.0.0.1 with 32 bytes of data:

Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126

Ping statistics for 50.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms
```