

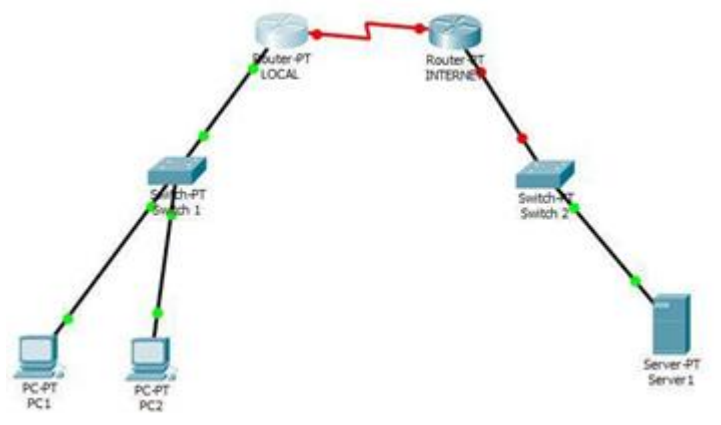
Nama : Aldo Brian Granada

NIM : L200170182

Kelas : D

Laporan Praktikum Jaringan Komputer

Modul 9



Konfigurasi Router Internet.

```
Router Internett
Physical Config CLI Attributes
IOS Command Line Interface

Press RETURN to get started!

Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname Internett
Internett(config)#int fa0/0
Internett(config-if)#ip address 10.0.0.1 255.0.0.0
Internett(config-if)#no shutdown

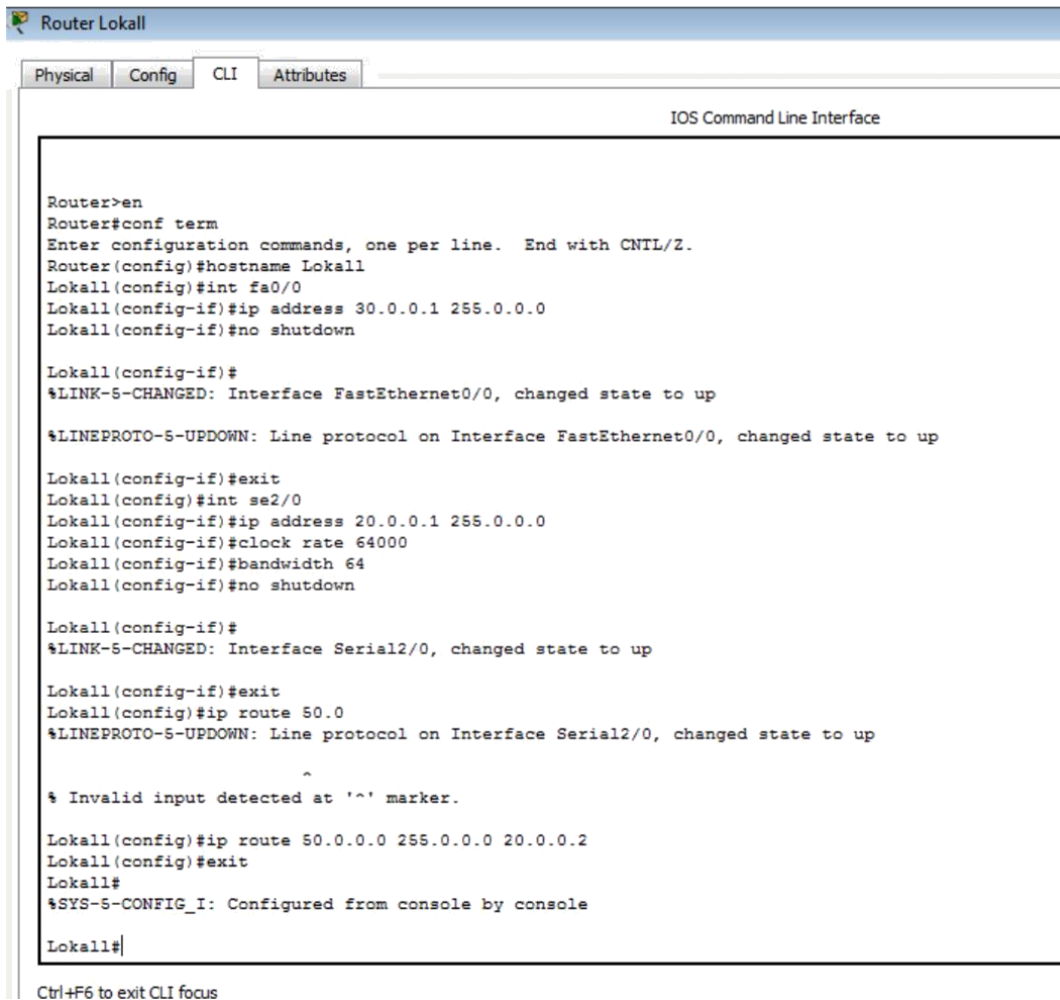
Internett(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Internett(config-if)#exit
Internett(config)#int se2/0
Internett(config-if)#ip address 20.0.0.2 255.0.0.0
Internett(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial2/0, changed state to down
Internett(config-if)#exit
Internett(config)#ip route 30.0.0.0 255.0.0.0 20.0.0.1
Internett(config)#ip nat inside source static 10.0.0.2 50.0.0.1
Internett(config)#int fa0/0
Internett(config-if)#ip nat inside
Internett(config-if)#exit
Internett(config)#int fa se2/0
^
% Invalid input detected at '^' marker.

Internett(config)#int se2/0
Internett(config-if)#ip nat outside
Internett(config-if)#exit
Internett(config)#
```

Ctrl+F6 to exit CLI focus



Router Lokall

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname Lokall
Lokall(config)#int fa0/0
Lokall(config-if)#ip address 30.0.0.1 255.0.0.0
Lokall(config-if)#no shutdown

Lokall(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

Lokall(config-if)#exit
Lokall(config)#int se2/0
Lokall(config-if)#ip address 20.0.0.1 255.0.0.0
Lokall(config-if)#clock rate 64000
Lokall(config-if)#bandwidth 64
Lokall(config-if)#no shutdown

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

Lokall(config-if)#exit
Lokall(config)#ip route 50.0
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

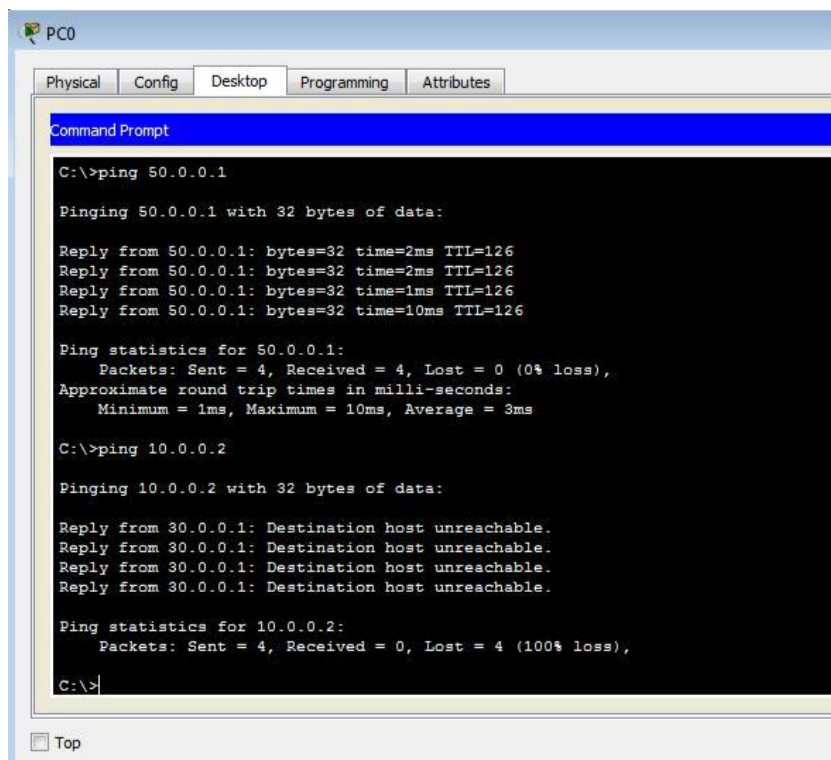
^
% Invalid input detected at '^' marker.

Lokall(config)#ip route 50.0.0.0 255.0.0.0 20.0.0.2
Lokall(config)#exit
Lokall#
%SYS-5-CONFIG_I: Configured from console by console

Lokall#
```

Ctrl+F6 to exit CLI focus

Uji coba koneksi dari PC-lokal ke web server.



PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
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=2ms TTL=126
Reply from 50.0.0.1: bytes=32 time=2ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=10ms 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 = 10ms, Average = 3ms

C:\>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

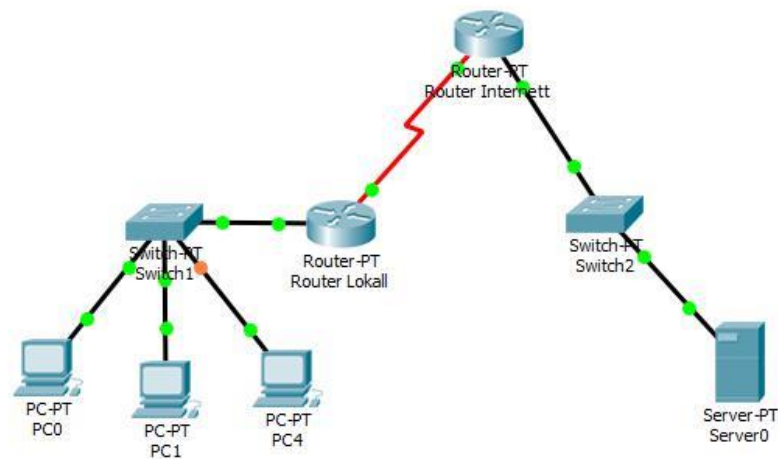
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.

Ping statistics for 10.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

☐ Top

Kembangkan topologi dari langkah poin 1 menjadi topologi seperti dibawah ini :



```
PC1
Physical Config Desktop Programming Attributes
Command Prompt
C:\>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.

Ping statistics for 10.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

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=2ms TTL=126
Reply from 50.0.0.1: bytes=32 time=18ms 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 = 18ms, Average = 5ms

C:\>
```

