Nama: Nugroho Prihananto

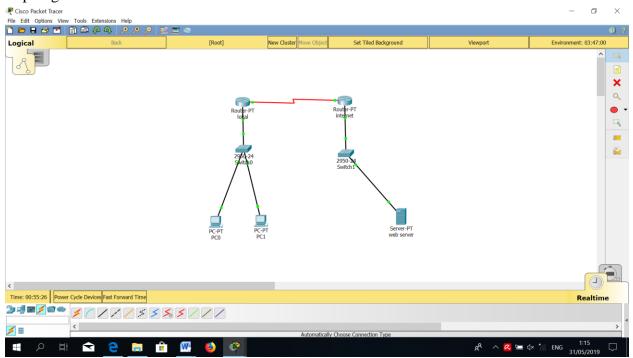
NIM : L200170186

Kelas : D

MODUL 9

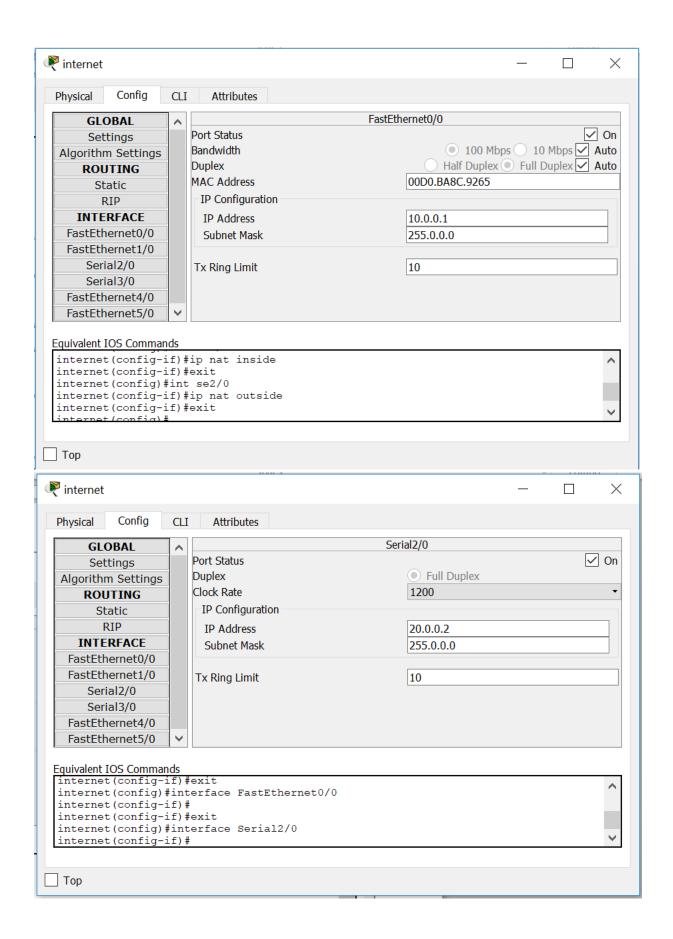
KEGIATAN

1. Topologi



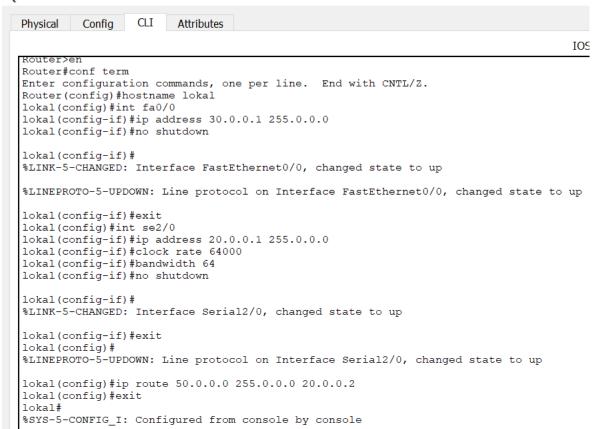
2. Konfigurasi router internet

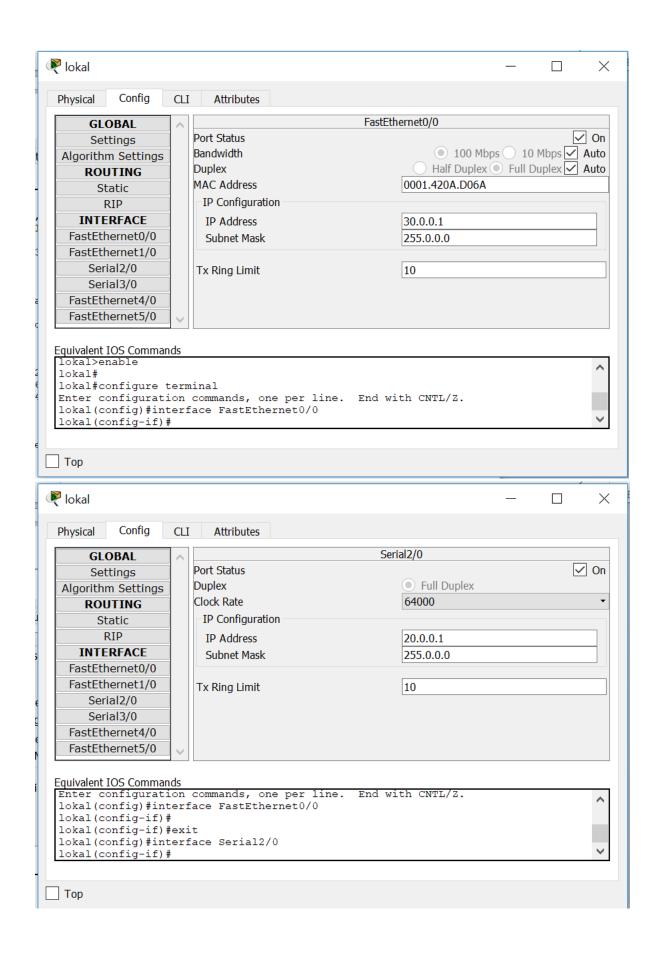
```
CLI
         Config
Physical
                        Attributes
                                                                                     IOS
Press RETURN to get started!
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #hostname internet
internet (config) #int fa0/0
internet(config-if) #ip address 10.0.0.1 255.0.0.0
internet(config-if) #no shutdown
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)#exit
internet(config) #int se2/0
internet(config-if) #ip address 20.0.0.2 255.0.0.0
internet(config-if) #no shutdown
%LINK-5-CHANGED: Interface Serial2/0, changed state to down
internet(config-if)#exit
internet(config) #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 fa0/0
internet(config-if) #ip nat inside
internet(config-if)#exit
internet(config)#int se2/0
internet(config-if) #ip nat outside
internet(config-if)#exit
```



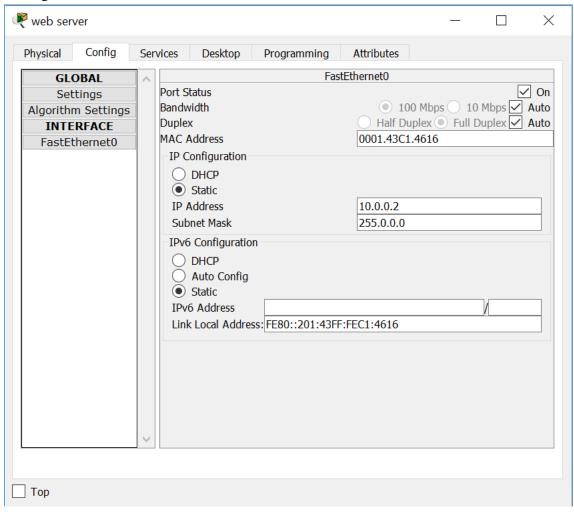
3. Konfigurasi router local

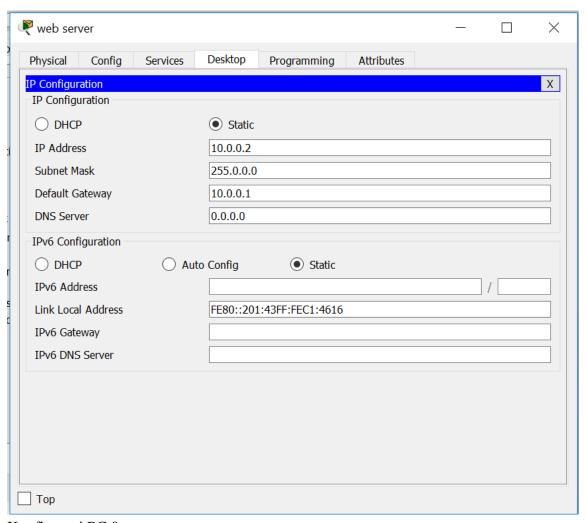




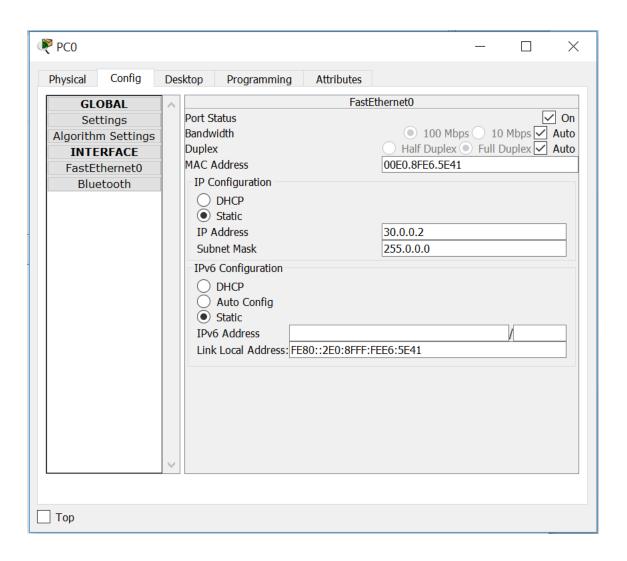


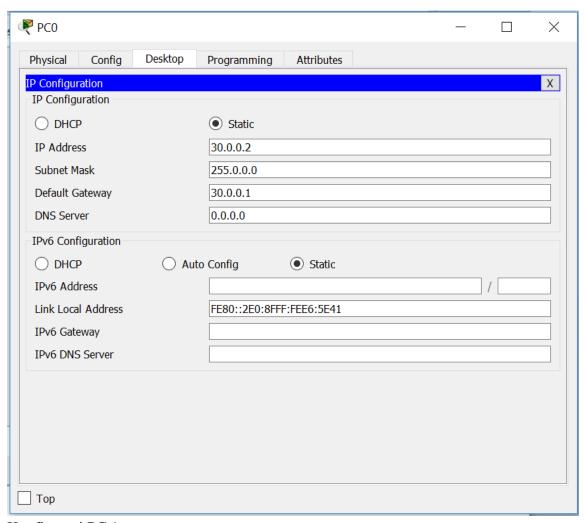
4. Konfigurasi IP server



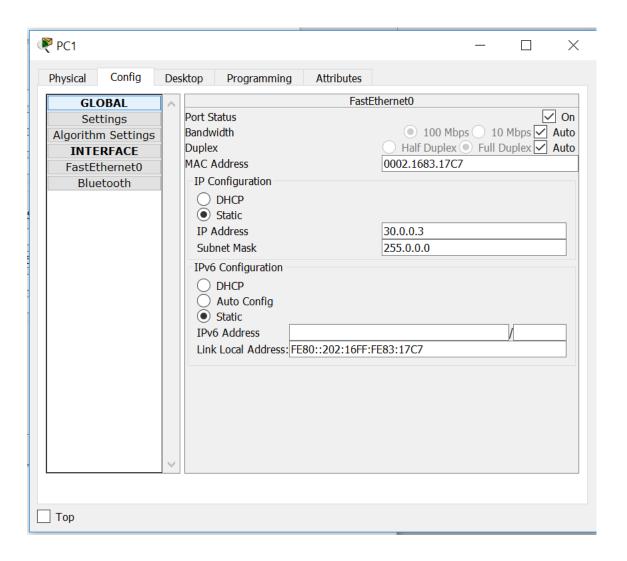


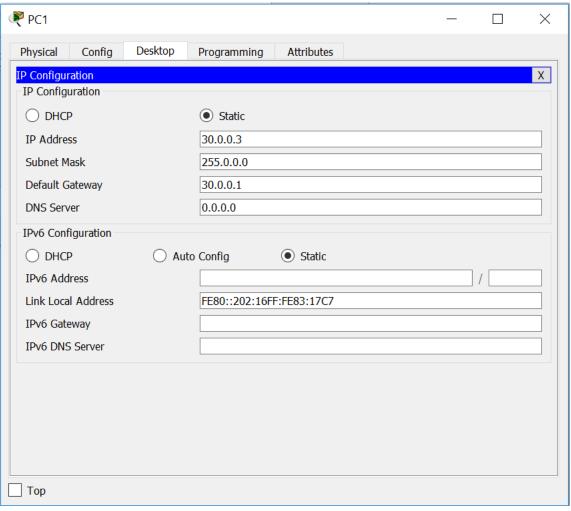
5. Konfigurasi PC 0





6. Konfigurasi PC 1





- 7. Uji coba koneksi dari PC-lokal ke web server
 - Ping terhadap IP asli dari web server(10.0.0.2)

```
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.

Ping statistics for 10.0.0.2:

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

- Ping terhadap ip public dari web server(50.0.0.1)

```
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=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=10ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126

Ping statistics for 50.0.0.1:

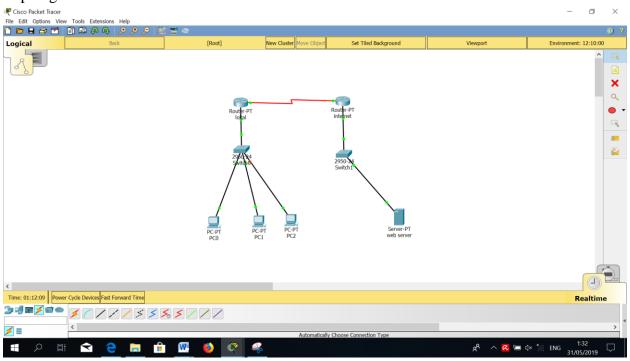
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

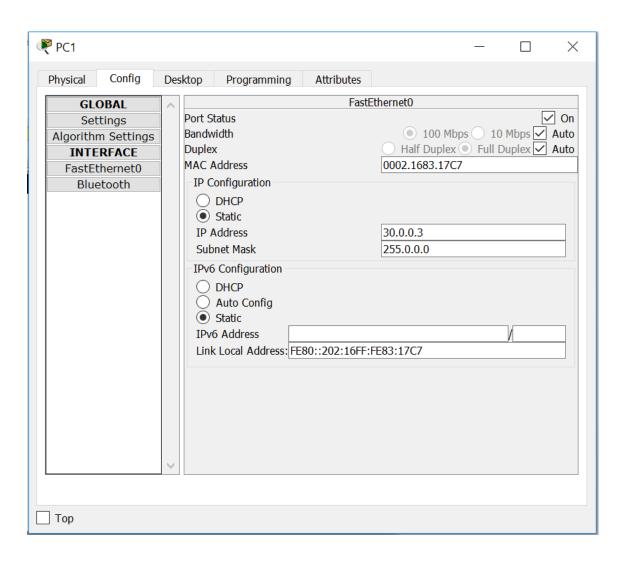
Minimum = 1ms, Maximum = 10ms, Average = 3ms
```

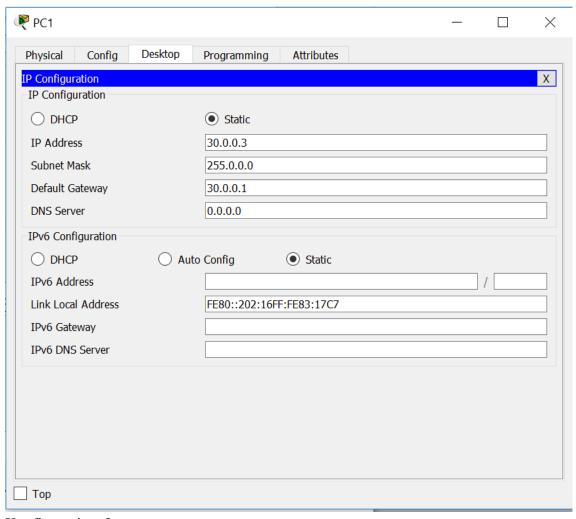
KEMBANGKAN TOPOLOGI

1. Topologi

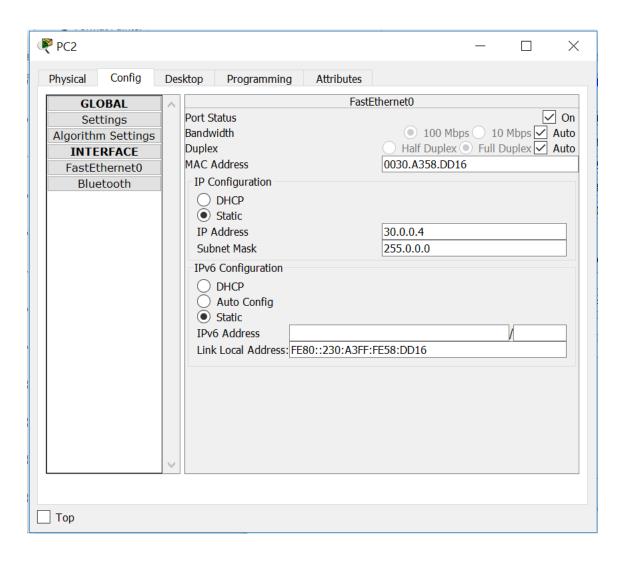


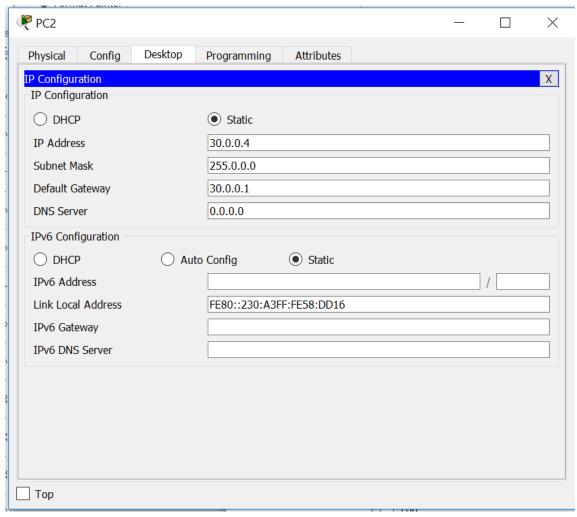
2. Konfigurasi pc 1





3. Konfigurasi pc 2





4. Uji koneksi pc1

```
PC1
                                                                                            X
  Physical
            Config
                      Desktop
                                 Programming
                                                Attributes
 Command Prompt
 Packet Tracer PC Command Line 1.0 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=1ms TTL=126
  Reply from 50.0.0.1: bytes=32 time=2ms TTL=126
  Reply from 50.0.0.1: bytes=32 time=2ms 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 = 2ms, Average = 1ms
  C:\>
Тор
```

5. Uji koneksi pc 2

