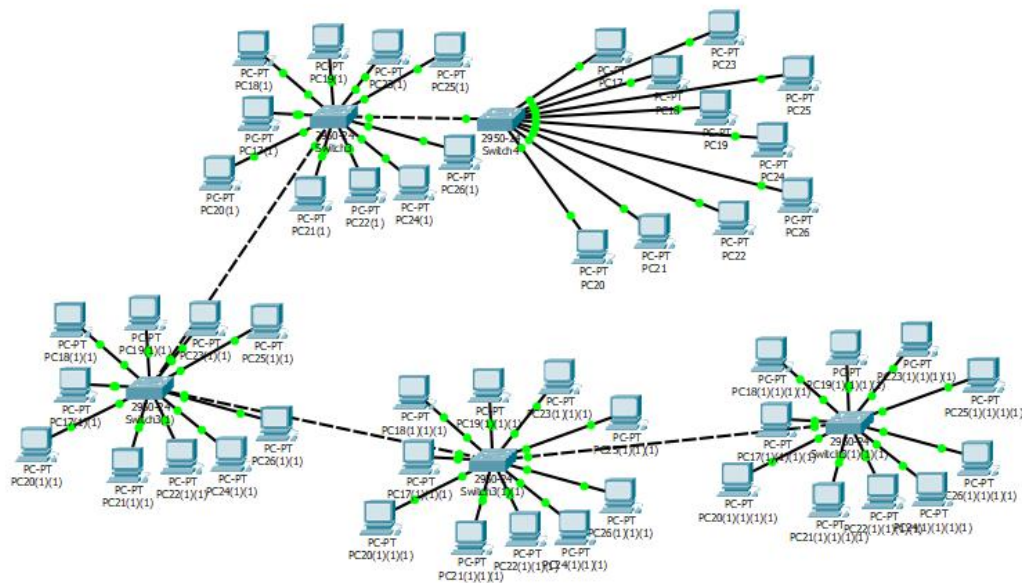


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Mata Kuliah : Praktikum Jaringan Komputer

## Modul 2

### Tugas

Buatlah rancangan jaringan yang terdiri dari 5 switch yang saling terhubung, dan setiap switch terdiri dari 10 PC. Dengan alamat IP Address antara 192.168.10.10 sampai dengan 192.168.10.60, tugas dicantumkan dalam laporan praktikum.



### Memasukkan IP Address pada OC yang pertama

PC17

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.10.10

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

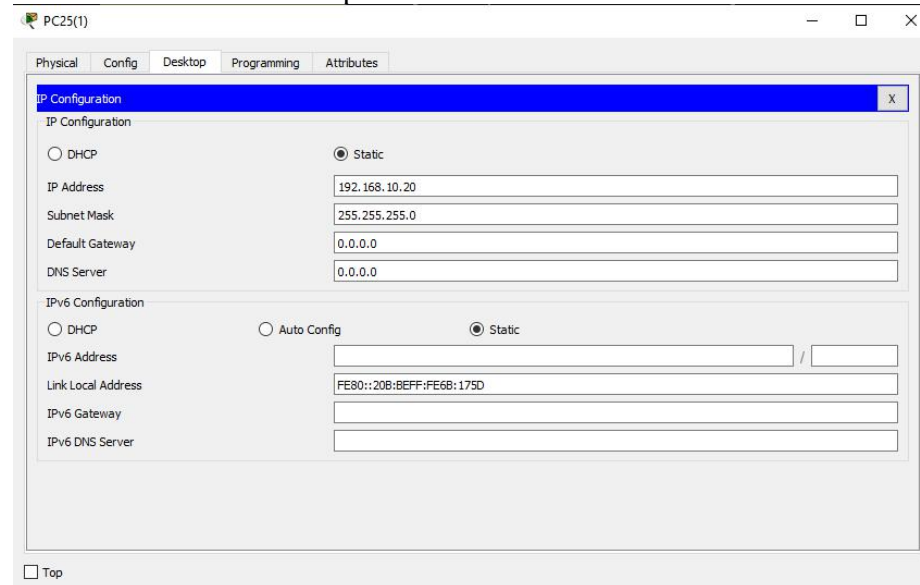
Link Local Address: FE80::290:CFE:FE13:6949

IPv6 Gateway:

IPv6 DNS Server:

☐ Top

## Memasukkan IP Address pada OC Kedua



PC25(1)

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.10.20

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

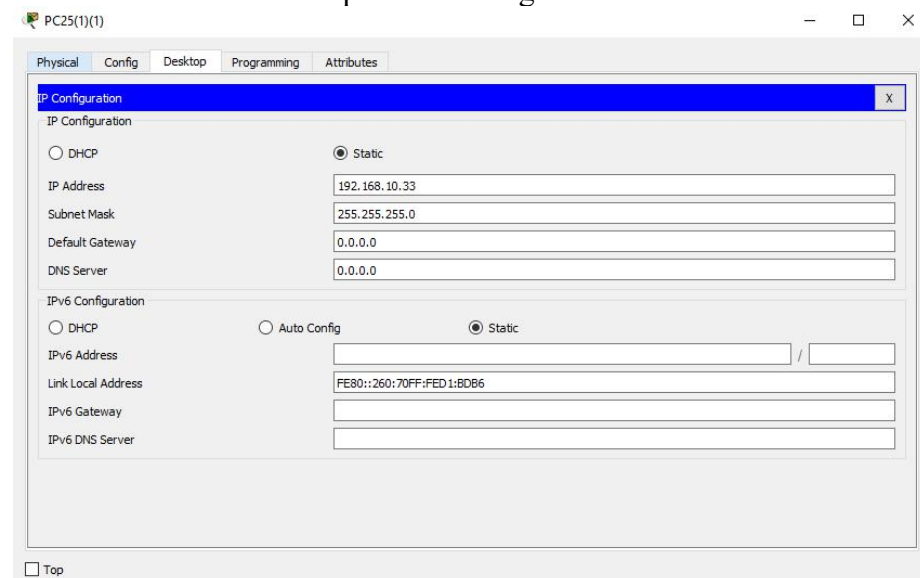
Link Local Address: FE80::20B:BEFF:FE6B:175D

IPv6 Gateway:

IPv6 DNS Server:

☐ Top

## Memasukkan IP Address pada OC Ketiga



PC25(1)(1)

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.10.33

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

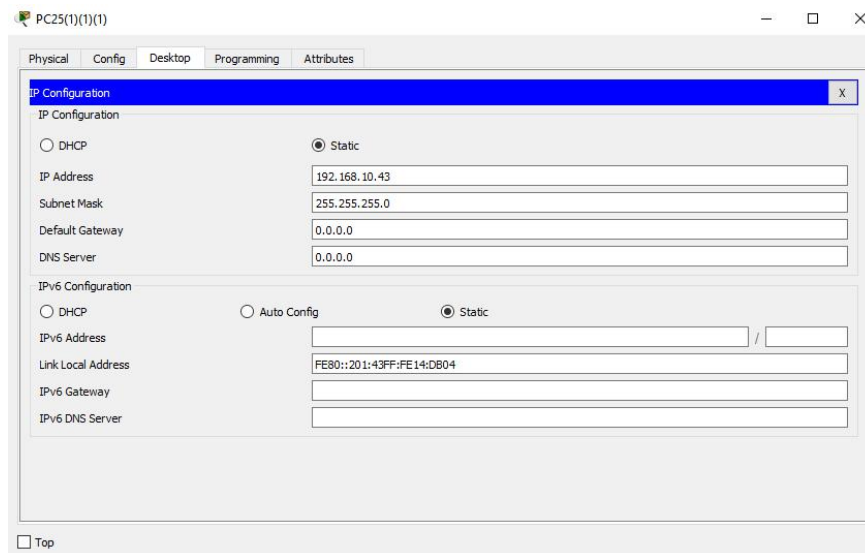
Link Local Address: FE80::260:70FF:FED1:8DB6

IPv6 Gateway:

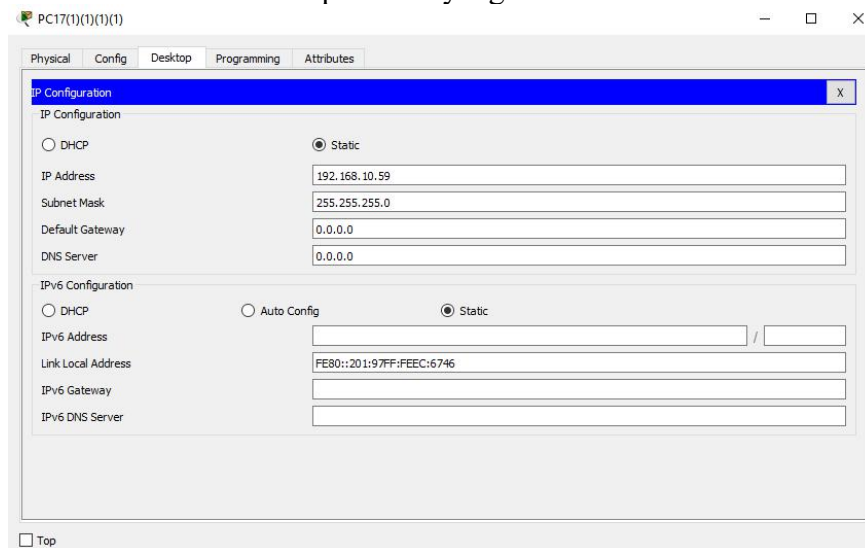
IPv6 DNS Server:

☐ Top

## Memasukkan IP Address pada OC yang Keempat



Memasukkan IP Adress pada OC yang kelima



Mengecek koneksi dengan cara mengeping

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.11

Pinging 192.168.10.11 with 32 bytes of data:

Reply from 192.168.10.11: bytes=32 time=22ms TTL=128
Reply from 192.168.10.11: bytes=32 time<1ms TTL=128
Reply from 192.168.10.11: bytes=32 time<1ms TTL=128
Reply from 192.168.10.11: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.10.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 22ms, Average = 6ms

C:\>|
```

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.14

Pinging 192.168.10.14 with 32 bytes of data:

Reply from 192.168.10.14: bytes=32 time=1ms TTL=128
Reply from 192.168.10.14: bytes=32 time<1ms TTL=128
Reply from 192.168.10.14: bytes=32 time=3ms TTL=128
Reply from 192.168.10.14: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.14:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>|
```