

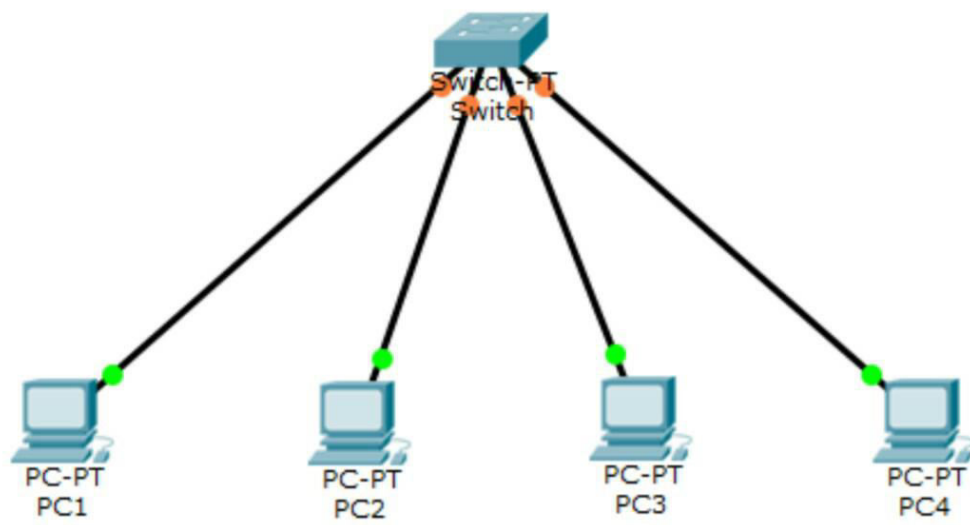
Andre kurniawan

L200170043

B

Modul 3 SUBNETING

Kegiatan Praktikum



PC1

Physical Config Desktop Attributes Software/Services

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 201.222.5.1

Subnet Mask 255.255.255.248

Default Gateway

DNS Server

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:A3FF:FEB2:9AE5

IPv6 Gateway

IPv6 DNS Server

☐ Top

PC2

Physical Config Desktop Attributes Software/Services

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 201.222.5.2

Subnet Mask 255.255.255.248

Default Gateway

DNS Server

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::207:ECFF:FE11:B67

IPv6 Gateway

IPv6 DNS Server

☐ Top

PC3

Physical Config **Desktop** Programming Attributes

☐ DHCP ☒ Static

IP Address: 201.222.5.9

Subnet Mask: 255.255.255.248

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80::201:C7FF:FE29:9B26

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

PC4

Physical **Config** Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

**FastEthernet0**

Bluetooth

FastEthernet0

Port Status: ☒ On

Bandwidth: ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex: ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address: 0060.2FB6.A6D9

IP Configuration

☐ DHCP ☒ Static

IP Address: 201.222.5.10

Subnet Mask: 255.255.255.48

IPv6 Configuration

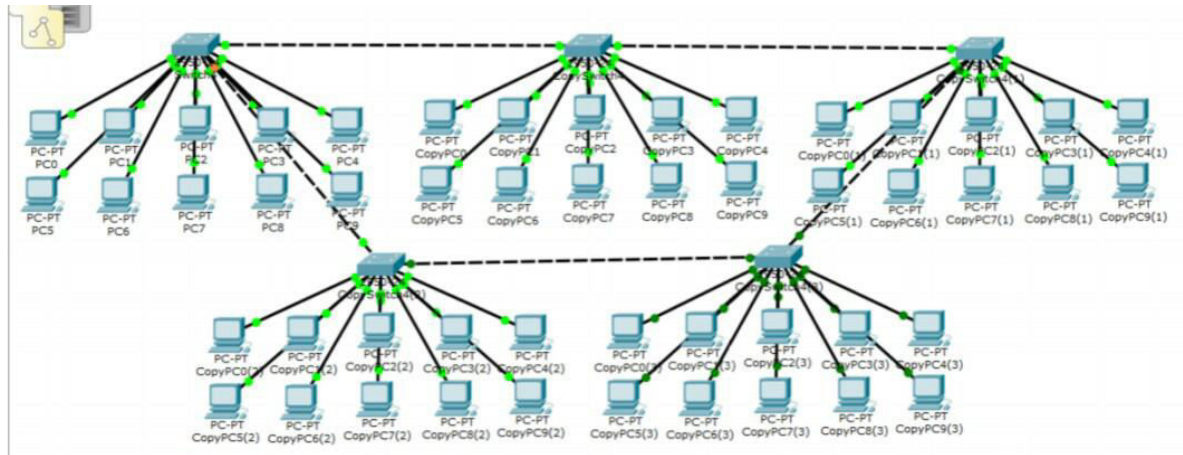
☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80::260:2FFF:FEB6:A6D9

☐ Top

## Tugas modul



202.155.19.0

11001010.10011011.00010011.00000000

255.255.255.0

11111111.11111111.11111111.00000000

Jumlah Subnet  $= 2^0 = 1$

Jumlah Host per-Subnet  $= 2^8 - 2 = 256 - 2 = 254$

Blok Subnet  $= 256 - 0 = 256$

Tabel Subnet :

Network	202.155.19.0
Host Pertama	202.155.19.1
Host Terakhir	202.155.19.254
Broadcast	202.155.19.255

