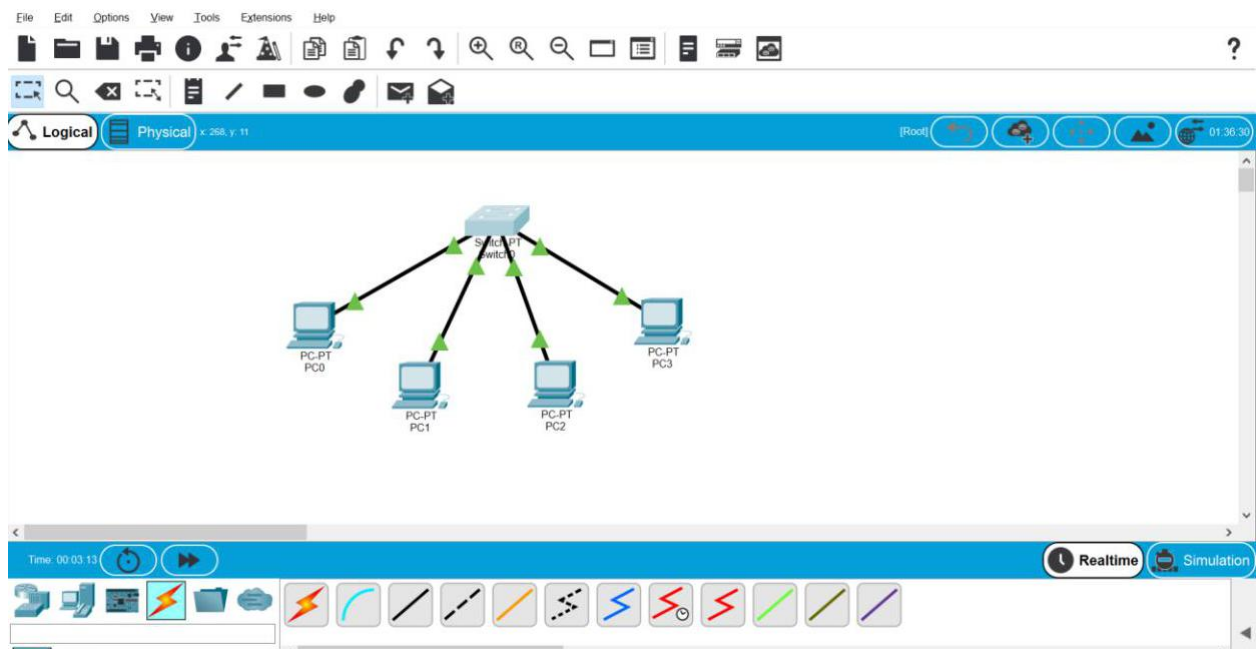


Modul 3

Kegiatan Praktikum

Nama : Hudi Pradjanu
NIM : L200180128
Kelas : D

1. Konfigurasi Subnetting



2. Konfigurasi IP Address dan Subnet Mask pada PC0

The screenshot shows the configuration window for PC0. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the 'FastEthernet0' interface. The 'Static' radio button is selected under 'IP Configuration'. The 'IP Address' field is set to '201.222.5.1' and the 'Subnet Mask' field is set to '255.255.255.240'. The 'Default Gateway' and 'DNS Server' fields are both set to '0.0.0.0'. The 'IPv6 Configuration' section is also expanded, showing the 'Static' radio button selected. The 'IPv6 Address' field is empty, and the 'Link Local Address' field is set to 'FE80:204:9AFF:FEBA:1A3C'. The 'IPv6 Gateway' and 'IPv6 DNS Server' fields are empty. The '802.1X' section is expanded, showing the 'Use 802.1X Security' checkbox unchecked, the 'Authentication' dropdown set to 'MD5', and the 'Username' and 'Password' fields empty.

PC0

Physical Config Desktop Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address: 201.222.5.1

Subnet Mask: 255.255.255.240

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80:204:9AFF:FEBA:1A3C

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

Top

3. Konfigurasi IP Address dan Subnet Mask pada PC1

The screenshot shows the configuration window for PC1. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the 'FastEthernet0' interface. The 'Static' radio button is selected under 'IP Configuration'. The 'IP Address' field is set to '201.222.5.2' and the 'Subnet Mask' field is set to '255.255.255.240'. The 'Default Gateway' and 'DNS Server' fields are both set to '0.0.0.0'. The 'IPv6 Configuration' section is also expanded, showing the 'Static' radio button selected. The 'IPv6 Address' field is empty, and the 'Link Local Address' field is set to 'FE80:203:E4FF:FE72:9E95'. The 'IPv6 Gateway' and 'IPv6 DNS Server' fields are empty. The '802.1X' section is expanded, showing the 'Use 802.1X Security' checkbox unchecked, the 'Authentication' dropdown set to 'MD5', and the 'Username' and 'Password' fields empty.

PC1

Physical Config Desktop Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address: 201.222.5.2

Subnet Mask: 255.255.255.240

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80:203:E4FF:FE72:9E95

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

Top

4. Konfigurasi IP Address dan Subnet Mask pada PC2

The screenshot shows the configuration window for PC2. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the 'FastEthernet0' interface. The 'Static' radio button is selected under 'IP Configuration'. The IP Address is set to 201.222.5.9, Subnet Mask to 255.255.255.248, Default Gateway to 0.0.0.0, and DNS Server to 0.0.0.0. The 'IPv6 Configuration' section is also visible, with 'Static' selected. The '802.1X' section is collapsed.

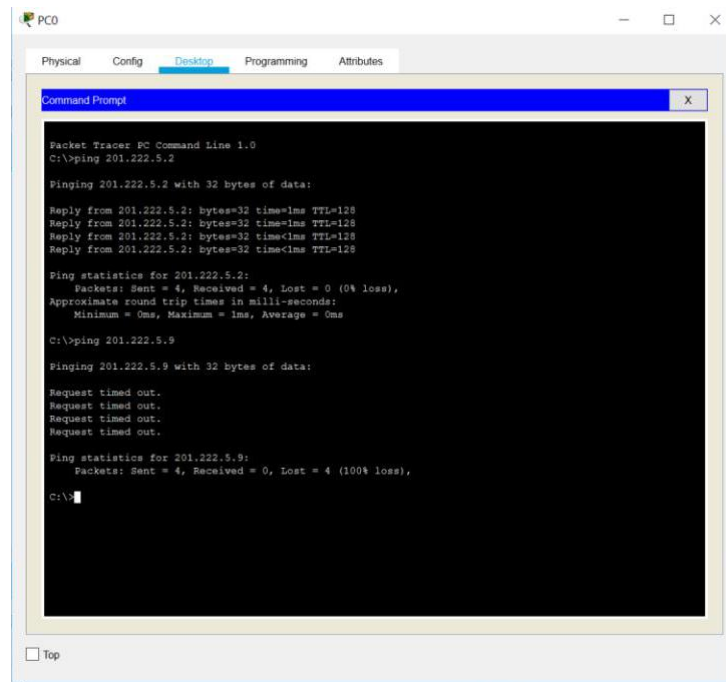
Field	Value
Interface	FastEthernet0
IP Configuration	Static
IP Address	201.222.5.9
Subnet Mask	255.255.255.248
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
IPv6 Configuration	Static
IPv6 Address	
Link Local Address	FE80: 230 F2FF FE16 AD87
IPv6 Gateway	
IPv6 DNS Server	
802.1X	Use 802.1X Security
Authentication	MD5
Username	
Password	

5. Konfigurasi IP Address dan Subnet Mask pada PC3

The screenshot shows the configuration window for PC3. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the 'FastEthernet0' interface. The 'Static' radio button is selected under 'IP Configuration'. The IP Address is set to 201.222.5.10, Subnet Mask to 255.255.255.248, Default Gateway to 0.0.0.0, and DNS Server to 0.0.0.0. The 'IPv6 Configuration' section is also visible, with 'Static' selected. The '802.1X' section is collapsed.

Field	Value
Interface	FastEthernet0
IP Configuration	Static
IP Address	201.222.5.10
Subnet Mask	255.255.255.248
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
IPv6 Configuration	Static
IPv6 Address	
Link Local Address	FE80: 20A F3FF FECB 4B3E
IPv6 Gateway	
IPv6 DNS Server	
802.1X	Use 802.1X Security
Authentication	MD5
Username	
Password	

6. Melakukan ping dari PC0 ke PC3 (201.222.5.9)



The screenshot shows the Command Prompt window on PC0. The window title is "PC0". The tabs are "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Desktop" tab is active. The Command Prompt shows the following text:

```
Packet Tracer PC Command Line 1.0
C:\>ping 201.222.5.2

Pinging 201.222.5.2 with 32 bytes of data:

Reply from 201.222.5.2: bytes=32 time=1ms TTL=128
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128

Ping statistics for 201.222.5.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 201.222.5.9

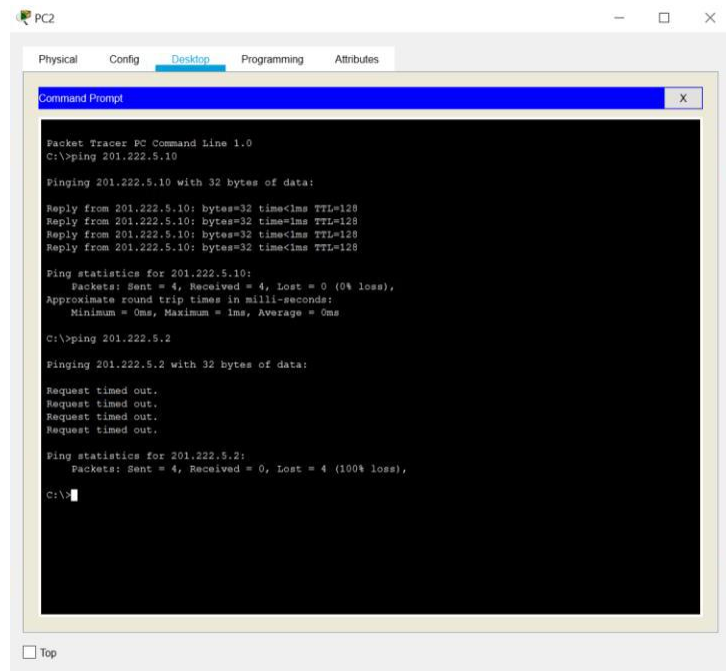
Pinging 201.222.5.9 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 201.222.5.9:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

7. Melakukan ping dari PC2 ke PC2 (201.222.5.2)



The screenshot shows the Command Prompt window on PC2. The window title is "PC2". The tabs are "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Desktop" tab is active. The Command Prompt shows the following text:

```
Packet Tracer PC Command Line 1.0
C:\>ping 201.222.5.10

Pinging 201.222.5.10 with 32 bytes of data:

Reply from 201.222.5.10: bytes=32 time=1ms TTL=128
Reply from 201.222.5.10: bytes=32 time=1ms TTL=128
Reply from 201.222.5.10: bytes=32 time=1ms TTL=128
Reply from 201.222.5.10: bytes=32 time=1ms TTL=128

Ping statistics for 201.222.5.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 201.222.5.2

Pinging 201.222.5.2 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 201.222.5.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```