

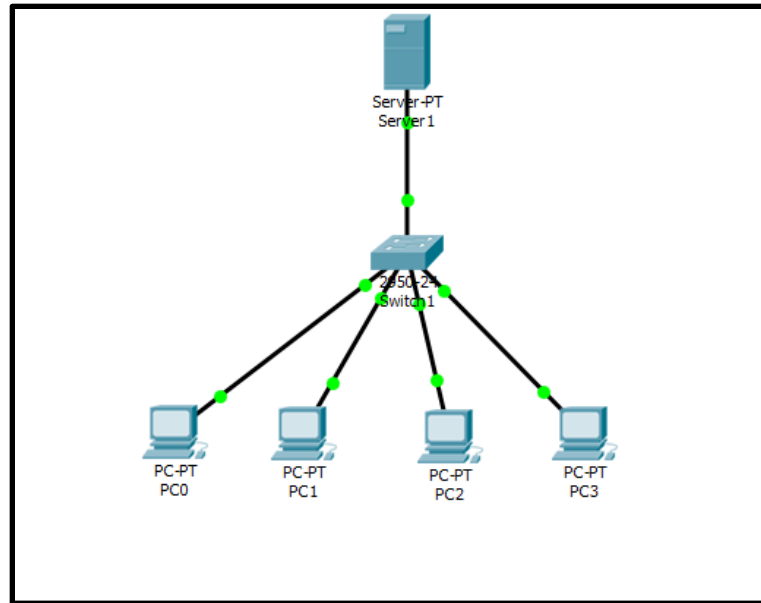
Muhibah Fata Tika
L200170156
D

LAPORAN KEGIATAN MODUL V DHCP SERVER DAN WEB SERVER

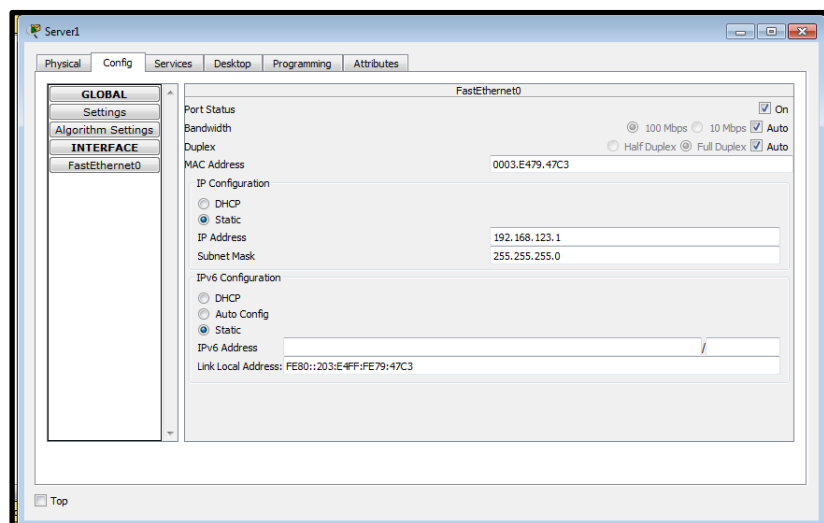
Kegiatan praktikum

1. PRAKTIKUM 1 MEMBUAT DHCP SERVER

a. Buatlah gambar rancangan DHCP Server seperti gambar dibawah ini :



b. Mengisi dengan IP address server 192.168.123.1 dan subnet mask 255.255.255.0



c. Memastikan service DHCP on dan isikan blok IP address yang akan diberikan ke pc client. Contoh konfigurasi seperti gambar dibawah ini :

The screenshot shows the 'Services' tab for 'Server1'. The 'DHCP' service is selected and set to 'On'. The configuration fields are as follows:

- Interface: FastEthernet0
- Service: ☒ On
- Pool Name: serverPool
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0
- Start IP Address: 192.168.123.19
- Subnet Mask: 255.255.255.0
- Maximum Number of Users: 255
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

Buttons: Add, Save, Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.123.0	255.255.255.0	255	0.0.0.0	0.0.0.0

d. Melakukan konfigurasi IP pada masing-masing PC yang terhubung dengan server DHCP.
- PC 0

The screenshot shows the 'IP Configuration' window for 'PC0'. The 'DHCP' radio button is selected under 'IP Configuration'. The configuration fields are as follows:

- IP Address: 192.168.123.2
- Subnet Mask: 255.255.255.0
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0

Under 'IPv6 Configuration', the 'Static' radio button is selected:

- IPv6 Address: [Empty]
- Link Local Address: FE80::20A:41FF:FE6A:7465
- IPv6 Gateway: [Empty]
- IPv6 DNS Server: [Empty]

- PC 1

Physical Config Desktop Programming Attributes

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address 192.168.123.3

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::2E0:8FFF:FE61:2AE0

IPv6 Gateway

IPv6 DNS Server

- PC 2

IP Configuration

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address 192.168.123.4

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::206:2AFF:FE6D:C952

IPv6 Gateway

IPv6 DNS Server

- PC 3

IP Configuration

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address: 192.168.123.5

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::2D0:FFFF:FE3D:5E7C

IPv6 Gateway:

IPv6 DNS Server:

e. Melakukan ping ke semua pc yang terhubung dengan server DHCP.

- Ping PC 0 ke PC 1

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.3

Pinging 192.168.123.3 with 32 bytes of data:

Reply from 192.168.123.3: bytes=32 time=1ms TTL=128
Reply from 192.168.123.3: bytes=32 time=1ms TTL=128
Reply from 192.168.123.3: bytes=32 time<1ms TTL=128
Reply from 192.168.123.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>|
```

- Ping PC 0 ke PC 2

```
C:\>ping 192.168.123.4

Pinging 192.168.123.4 with 32 bytes of data:

Reply from 192.168.123.4: bytes=32 time=1ms TTL=128
Reply from 192.168.123.4: bytes=32 time<1ms TTL=128
Reply from 192.168.123.4: bytes=32 time<1ms TTL=128
Reply from 192.168.123.4: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.123.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

-Ping PC 0 ke PC 3

```
C:\>ping 192.168.123.5

Pinging 192.168.123.5 with 32 bytes of data:

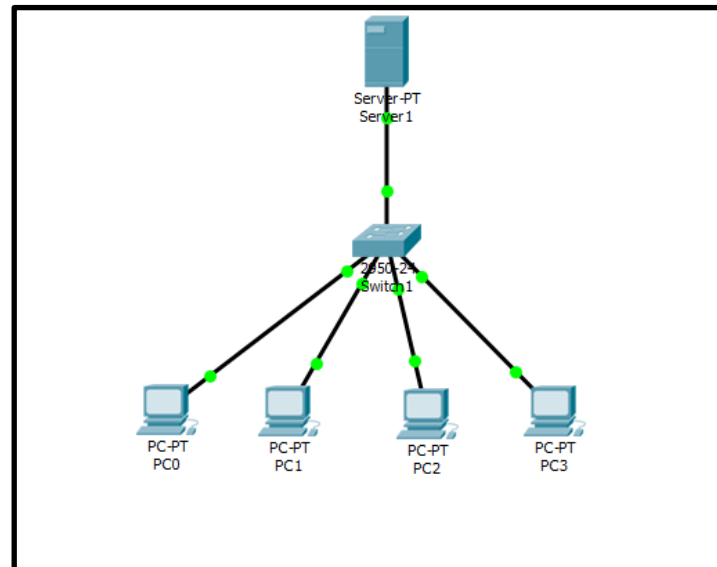
Reply from 192.168.123.5: bytes=32 time=2ms TTL=128
Reply from 192.168.123.5: bytes=32 time=1ms TTL=128
Reply from 192.168.123.5: bytes=32 time<1ms TTL=128
Reply from 192.168.123.5: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.123.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 2ms, Average = 1ms

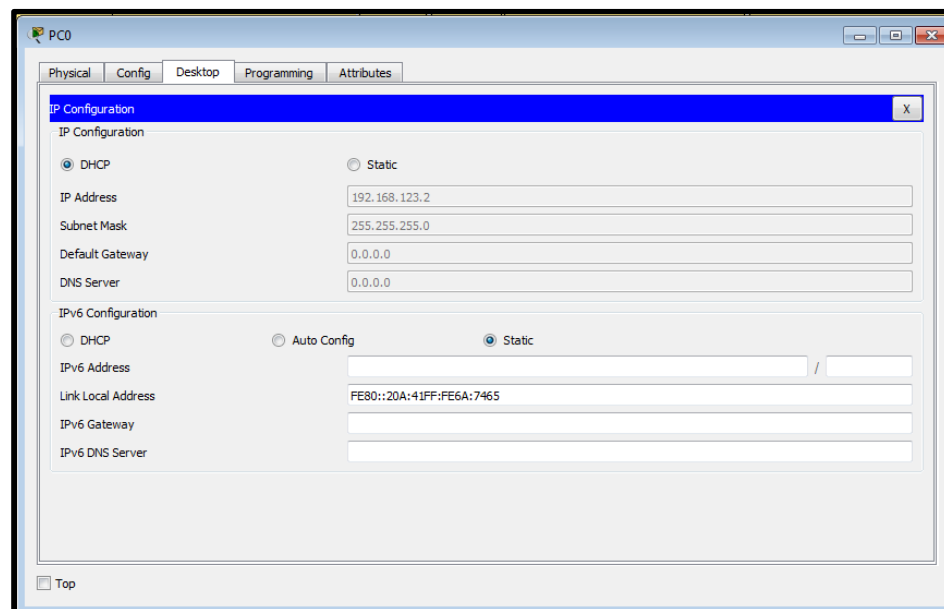
C:\>
```

2. PRAKTIKUM 2 MEMBUAT WEB SERVER

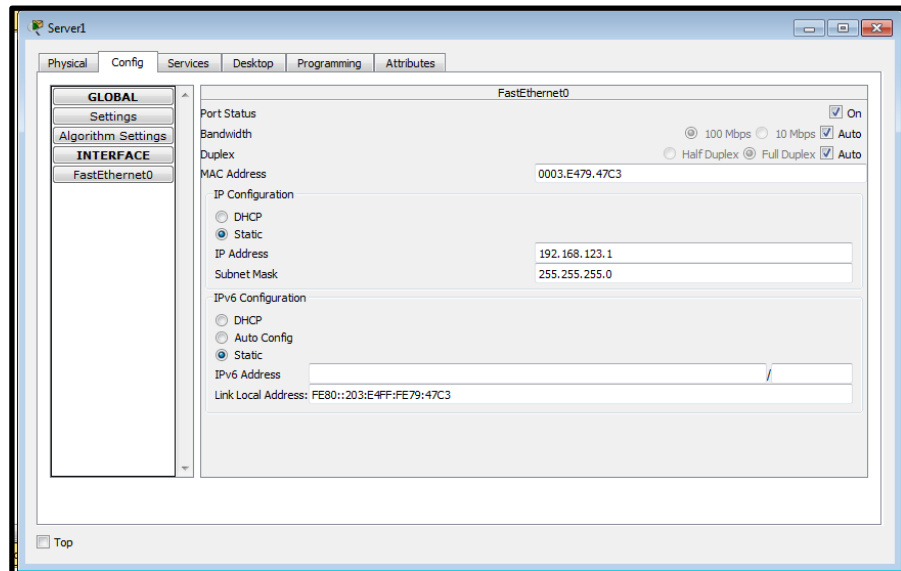
a. Gambar rancangan DHP Server



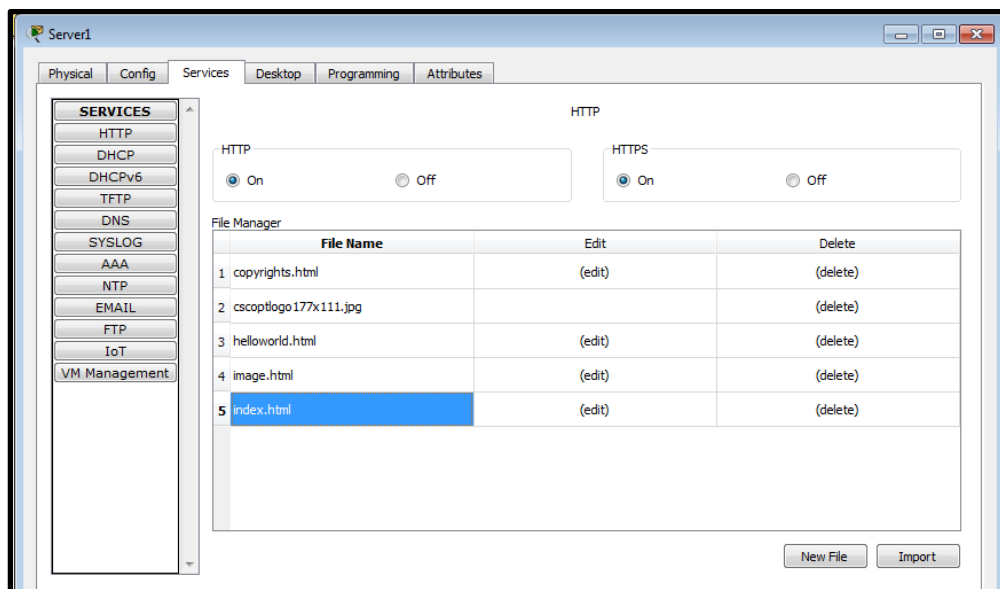
b. Melakukan konfigurasi IP address pada PC 0.



c. Melakukan konfigurasi IP address pada Server 0.



d. Memastikan radio button service HTTP pada pilihan On.



e. Melakukan browsing HTTP.

