

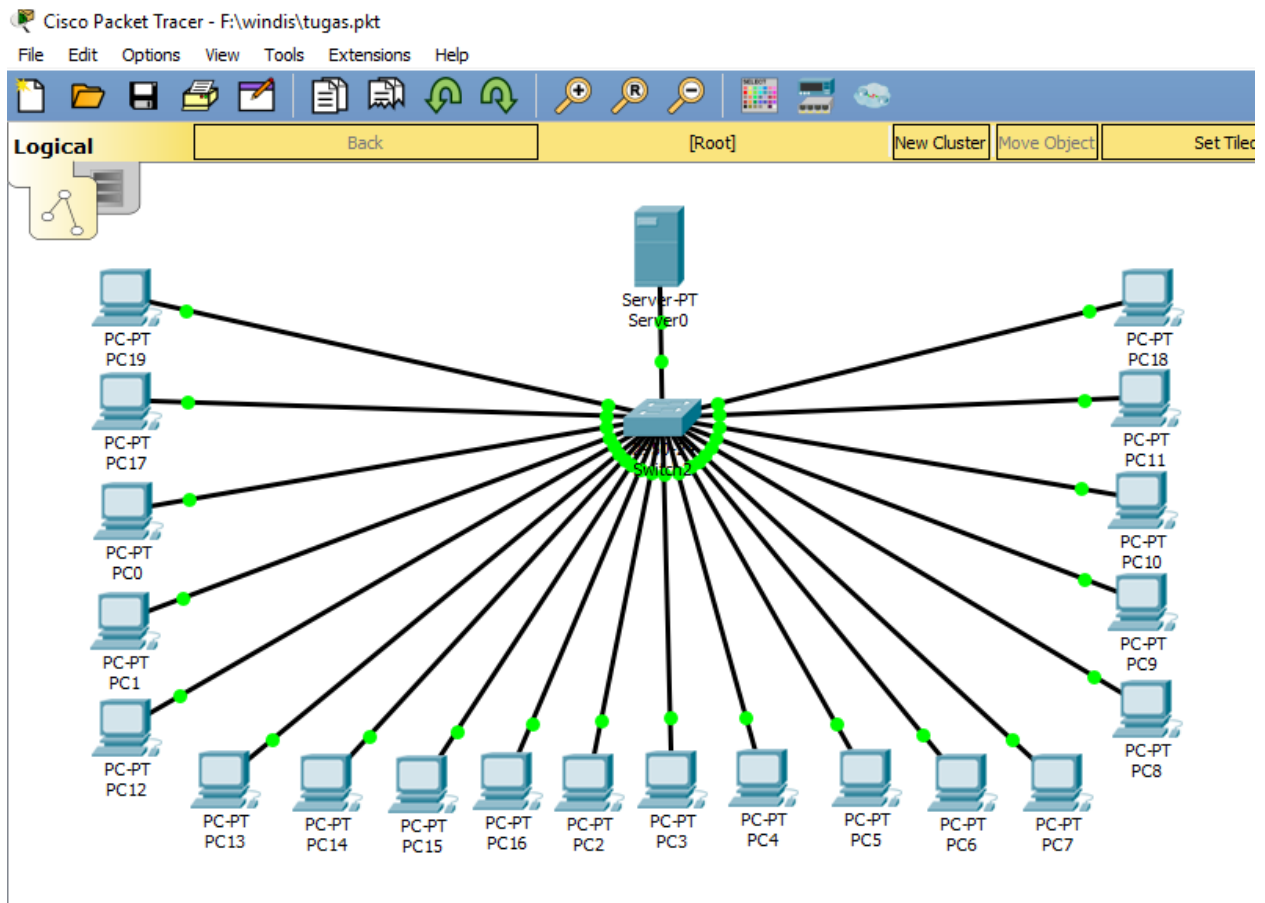
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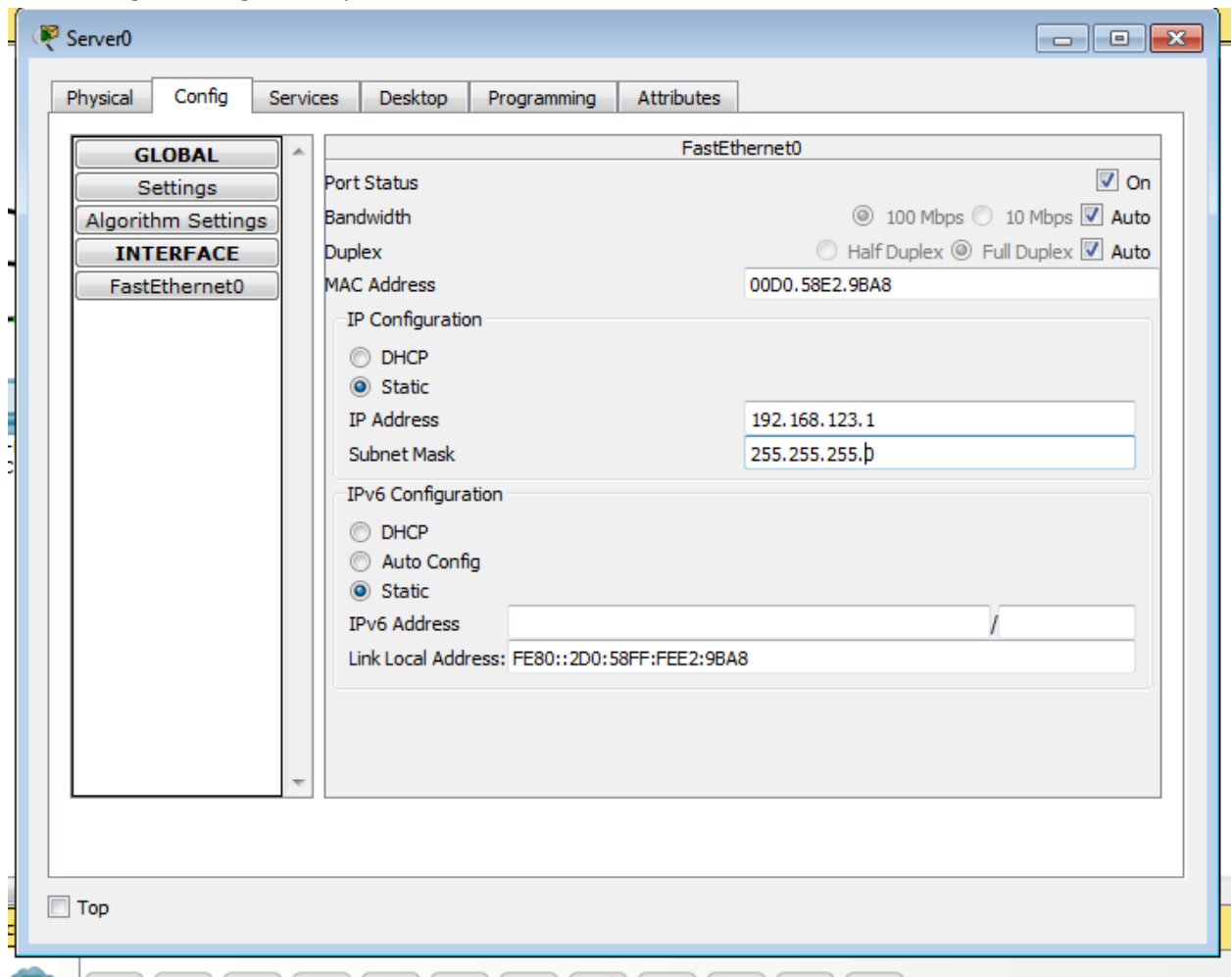
Kelas : C

## TUGAS MODUL 5

1. Buatlah DHCP server dengan packet tracer dengan client terdiri dari 20 pc



a. Mensetting IP Configuration pada Server



- b. Konfigurasi dhcp server. Pastikan service dhcp on.  
Pada start ip address isikan dengan 192.168.123.2 dan pada max number of users = 22.

The screenshot shows the configuration window for Server0 in Cisco Packet Tracer. The 'Services' tab is selected, and the 'DHCP' service is configured for the 'FastEthernet0' interface. The service is turned 'On'. The configuration includes a pool named 'serverPool' with a default gateway of 0.0.0.0, DNS server of 0.0.0.0, and a start IP address of 192.168.123.2 with a subnet mask of 255.255.255.0. The maximum number of users is set to 22. The TFTP and WLC addresses are both 0.0.0.0. A table at the bottom lists the configured DHCP pool.

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max Users	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168...	255.255...	22	0.0.0.0	0.0.0.0

- c. Pada sisi client, konfigurasi menjadi DHCP

PC0

Physical Config Desktop Programming Attributes

IP Configuration

☒ DHCP ☐ Static

IP Address: 192.168.123.2

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:B0FF:FE39:3BA9

IPv6 Gateway:

IPv6 DNS Server:

Top

PC19

Physical Config Desktop Programming Attributes

IP Configuration

☒ DHCP ☐ Static

IP Address: 192.168.123.23

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:FE8E:C39B

IPv6 Gateway:

IPv6 DNS Server:

Top

- d. Lakukan percobaan ping

PC0

Physical Config Desktop Programming Attributes

Command Prompt

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Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

    Link-local IPv6 Address.....: FE80::2E0:B0FF:FE39:3BA9
    IP Address.....: 192.168.123.2
    Subnet Mask.....: 255.255.255.0
    Default Gateway.....: 0.0.0.0

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=15ms 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 = 15ms, Average = 3ms

C:\>ping 192.168.123.4

Pinging 192.168.123.4 with 32 bytes of data:

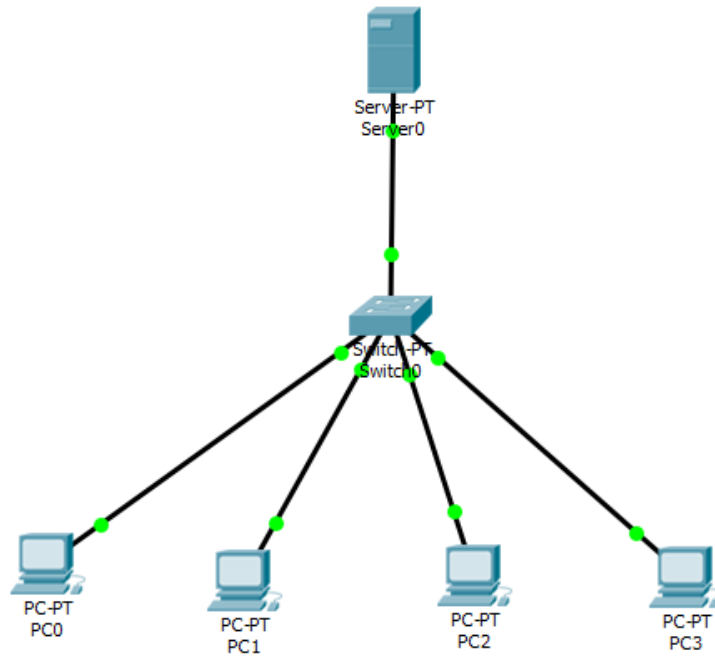
Reply from 192.168.123.4: bytes=32 time<1ms TTL=128
Reply from 192.168.123.4: bytes=32 time<1ms TTL=128
Reply from 192.168.123.4: bytes=32 time<1ms TTL=128
Reply from 192.168.123.4: bytes=32 time<1ms TTL=128

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 = 0ms, Average = 0ms

C:\>|
```

☐ Top

## 2. Buatlah web server



### a. Lakukan konfigurasi IP address pada PC

PC0

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address: 192.168.123.2

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::201:63FF:FEE2:C271

IPv6 Gateway:

IPv6 DNS Server:

☐ Top

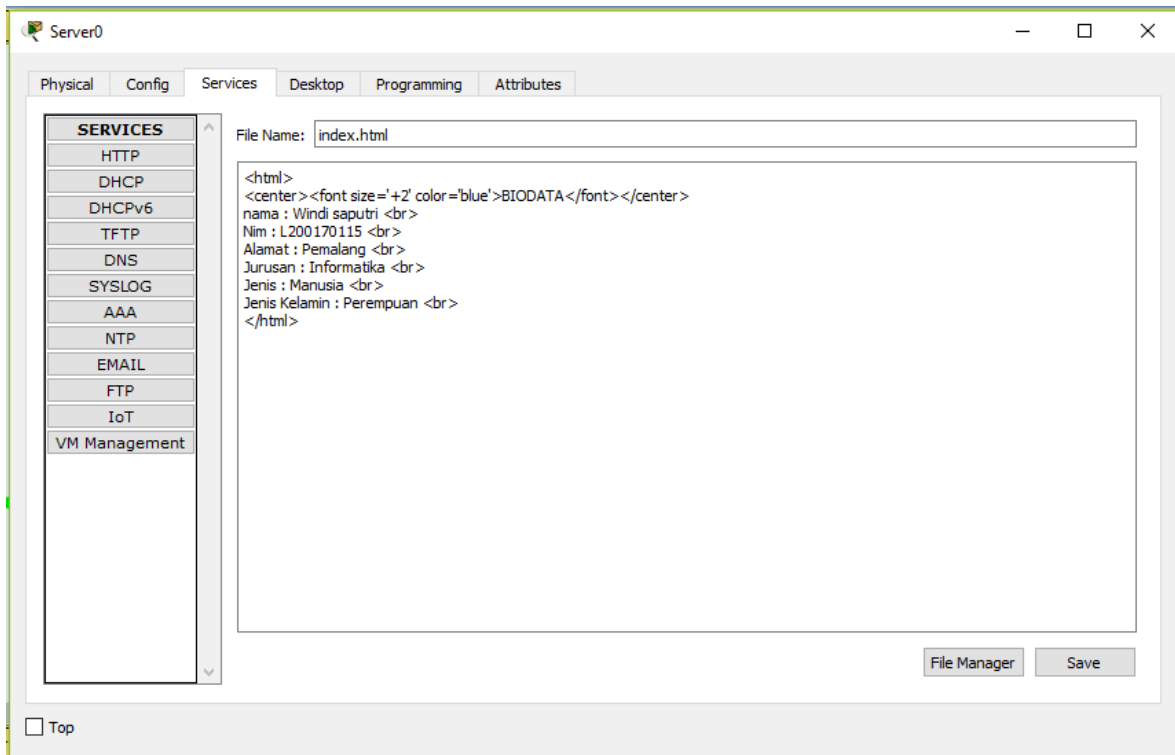
- b. Lakukan konfigurasi IP address pada server

The screenshot shows the 'IP Configuration' window for 'Server0'. The window has tabs for Physical, Config, Services, Desktop, Programming, and Attributes. The 'Config' tab is active, and the 'IP Configuration' sub-tab is selected. The 'IP Configuration' section has two radio buttons: 'DHCP' (unselected) and 'Static' (selected). Below the radio buttons are five text input fields: 'IP Address' (192.168.123.1), 'Subnet Mask' (255.255.255.0), 'Default Gateway' (0.0.0.0), and 'DNS Server' (0.0.0.0). The 'IPv6 Configuration' section has three radio buttons: 'DHCP' (unselected), 'Auto Config' (unselected), and 'Static' (selected). Below the radio buttons are four text input fields: 'IPv6 Address' (empty), 'Link Local Address' (FE80::260:5CFF:FE82:1B96), 'IPv6 Gateway' (empty), and 'IPv6 DNS Server' (empty). A 'Top' button is at the bottom left.

- c. Konfigurasi server dengan memilih menu Services lalu pilih HTTP. Kemudian edit sesuai perintah tugas

The screenshot shows the 'Services' window for 'Server0'. The window has tabs for Physical, Config, Services, Desktop, Programming, and Attributes. The 'Services' tab is active. On the left, there is a list of services: HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoT, and VM Management. The 'HTTP' service is selected. On the right, there are two sections: 'HTTP' and 'HTTPS'. Each section has two radio buttons: 'On' (selected) and 'Off' (unselected). Below these sections is a 'File Manager' table with columns 'File Name', 'Edit', and 'Delete'. The table contains five rows of files: 1. copyrights.html, 2. cscoptlogo177x111.jpg, 3. helloworld.html, 4. image.html, and 5. index.html. At the bottom right, there are 'New File' and 'Import' buttons. A 'Top' button is at the bottom left.

	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)



- d. Melakukan browsing HTTP dengan double-klik pada PC, pilih tab desktop lalu pilih Web Browser. Ketikkan IP address server (192.168.123.1) di field URL

