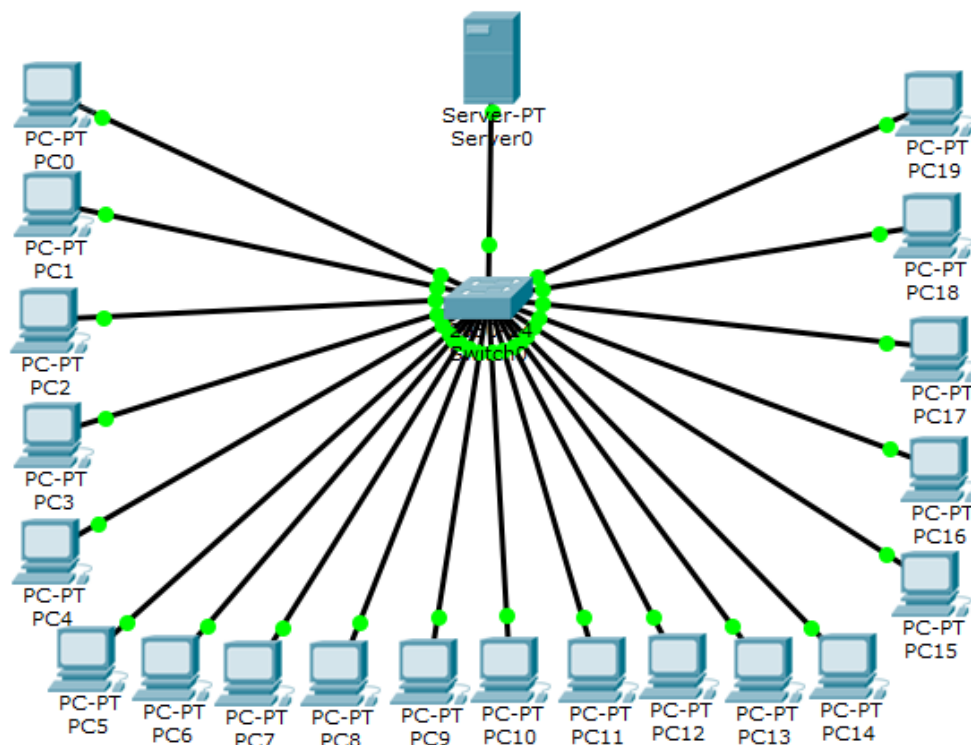


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Praktikum Jaringan Komputer

Tugas Modul 5

1. Membuat server DHCP dengan menggunakan 20 pc, 1 switch, dan 1 server. Seperti gambar gambar berikut ini :



2. Mengisi IP Address Server 0

The screenshot shows the 'Config' tab for 'FastEthernet0' on 'Server0'. The left sidebar lists 'GLOBAL', 'Settings', 'Algorithm Settings', 'INTERFACE', and 'FastEthernet0'. The main area shows the following configuration:

- Port Status: ☒ On
- Bandwidth: ☒ 100 Mbps, ☐ 10 Mbps, ☒ Auto
- Duplex: ☐ Half Duplex, ☒ Full Duplex, ☒ Auto
- MAC Address: 00D0.BA2D.CC72
- IP Configuration:
 - ☐ DHCP
 - ☒ Static
 - IP Address: 192.168.123.1
 - Subnet Mask: 255.255.255.0
- IPv6 Configuration:
 - ☐ DHCP
 - ☐ Auto Config
 - ☒ Static
 - IPv6 Address: (empty field)
 - Link Local Address: FE80::2D0:BAFF:FE2D:CC72

At the bottom left, there is a 'Top' button. At the bottom right, the word 'Active' is partially visible.

3. Mengkonfigurasi DHCP server dan mengisi IP Address yang diberikan PC client

The screenshot shows the 'Services' tab for 'DHCP' on 'Server0'. The left sidebar lists 'SERVICES', 'HTTP', 'DHCP', 'DHCPv6', 'TFTP', 'DNS', 'SYSLOG', 'AAA', 'NTP', 'EMAIL', 'FTP', 'IoE', and 'VM Management'. The main area shows the following configuration:

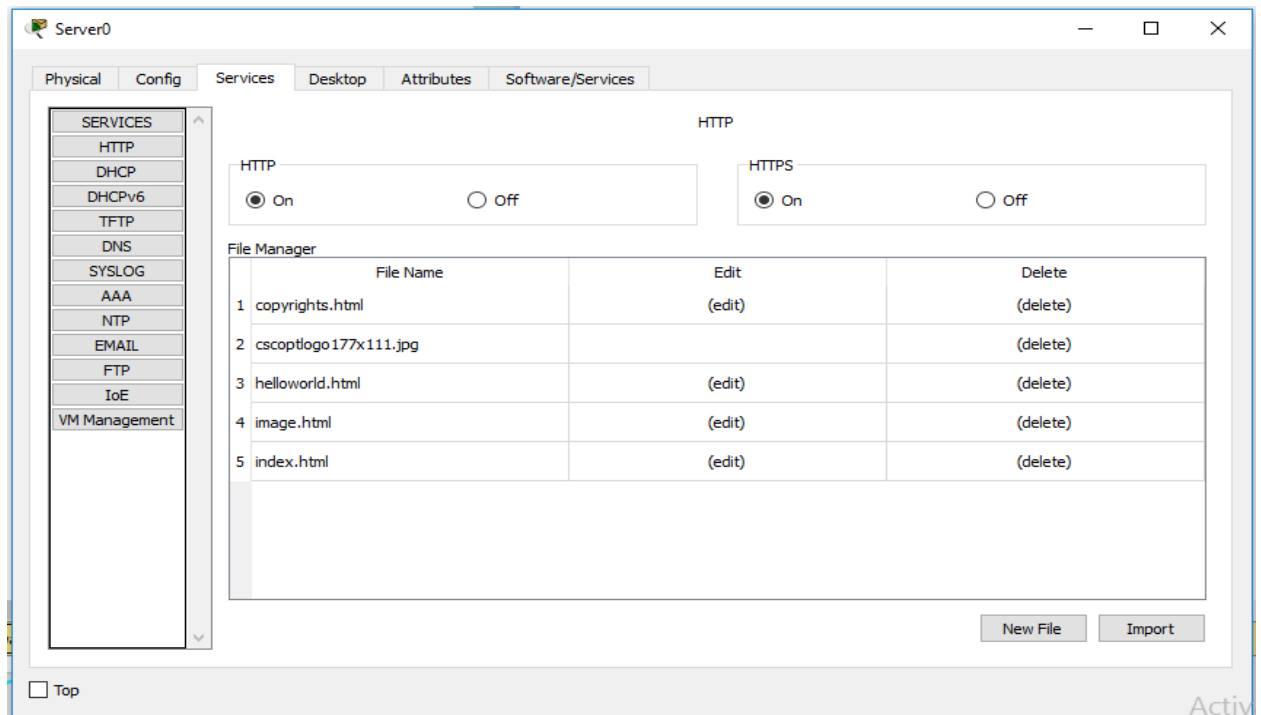
- Interface: FastEthernet0
- Service: ☒ On, ☐ Off
- Pool Name: serverPool
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0
- Start IP Address: 192, 168, 123, 2
- Subnet Mask: 255, 255, 255, 0
- Maximum number of Users: 5
- TFTP Server: 0.0.0.0

Below the configuration fields are buttons for 'Add', 'Save', and 'Remove'. At the bottom, there is a table showing the DHCP pool configuration:

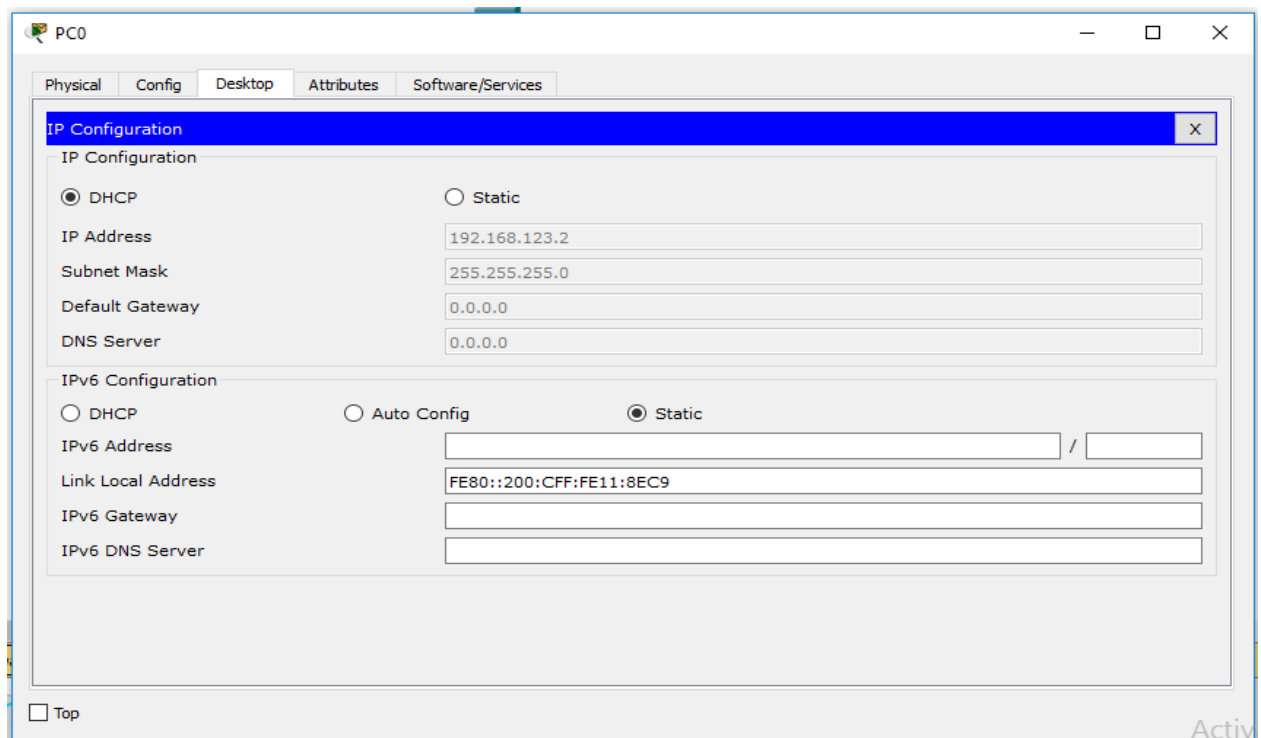
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server
serverPool	0.0.0.0	0.0.0.0	192.168.123.2	255.255.255.0	5	0.0.0.0

At the bottom left, there is a 'Top' button. At the bottom right, the word 'Active' is partially visible.

4. Mengaktifkan HTTP pada server0 dengan klik radio button “On”



5. Konfigurasi pada sisi client, pada PC0
6. Memilih pilihan DHCP, dan dicek apakah IP Address sudah sesuai pada gambar di modul



7. Berikut tampilan pada web browser pada PC0 :

