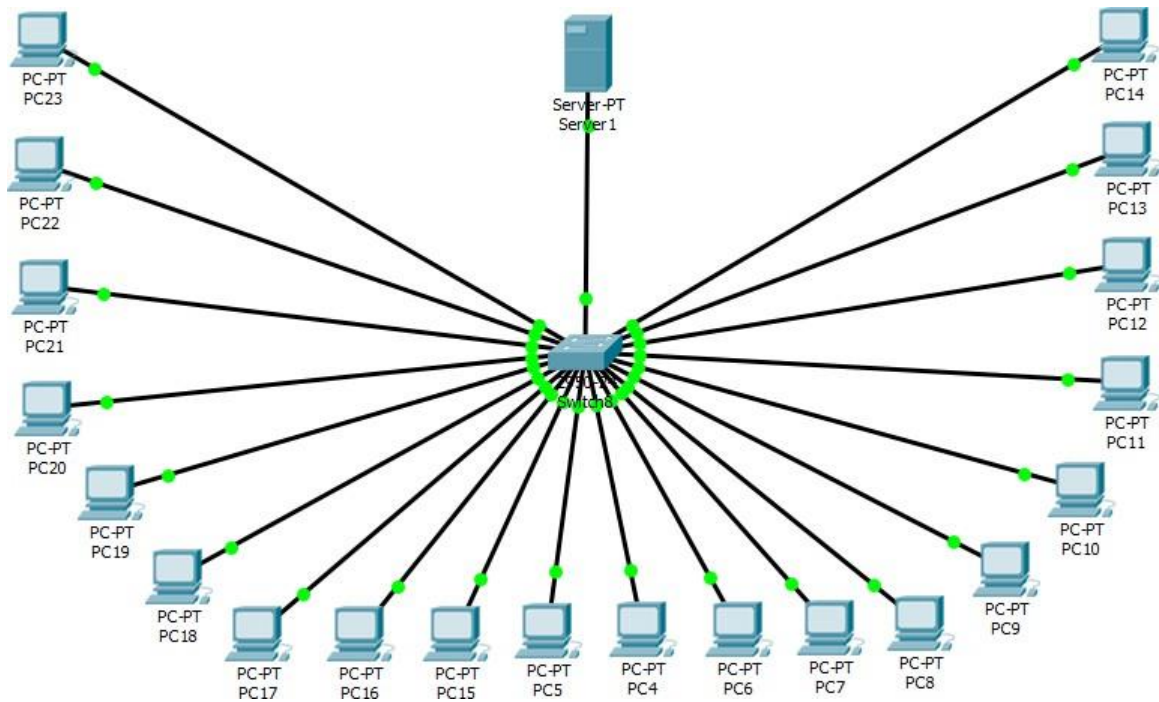


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## TUGAS MODUL 5

### 1. Membuat DHCP server dengan client terdiri dari 20 PC



➤ Atur IP config Server

The screenshot shows a configuration window titled "Server1" with a yellow header bar. The window has several tabs: "Physical", "Config", "Services", "Desktop", "Programming", and "Attributes". The "Config" tab is active. On the left, there is a sidebar with a tree view containing "GLOBAL", "Settings", "Algorithm Settings", "INTERFACE", and "FastEthernet0". The "FastEthernet0" item is selected. The main area displays the configuration for "FastEthernet0". It includes fields for "Port Status" (checked "On"), "Bandwidth" (radio buttons for "100 Mbps" and "10 Mbps", with "100 Mbps" selected and "Auto" checked), "Duplex" (radio buttons for "Half Duplex" and "Full Duplex", with "Full Duplex" selected and "Auto" checked), "MAC Address" (text field with "00D0.BA69.3C22"), "IP Configuration" (radio buttons for "DHCP" and "Static", with "Static" selected), "IP Address" (text field with "192.168.123.1"), "Subnet Mask" (text field with "255.255.255.0"), "IPv6 Configuration" (radio buttons for "DHCP", "Auto Config", and "Static", with "Static" selected), "IPv6 Address" (text field), and "Link Local Address" (text field with "FE80::2D0:BAFF:FE69:3C22"). At the bottom left, there is a "Top" button.

Server1

Physical Config Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00D0.BA69.3C22

IP Configuration

☐ DHCP

☒ Static

IP Address 192.168.123.1

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address

Link Local Address: FE80::2D0:BAFF:FE69:3C22

☐ Top

- Pada menu servis klik DHCP dan klik On. Isi start IP address dengan 192.168.123.30 dan maximum number of users 31.

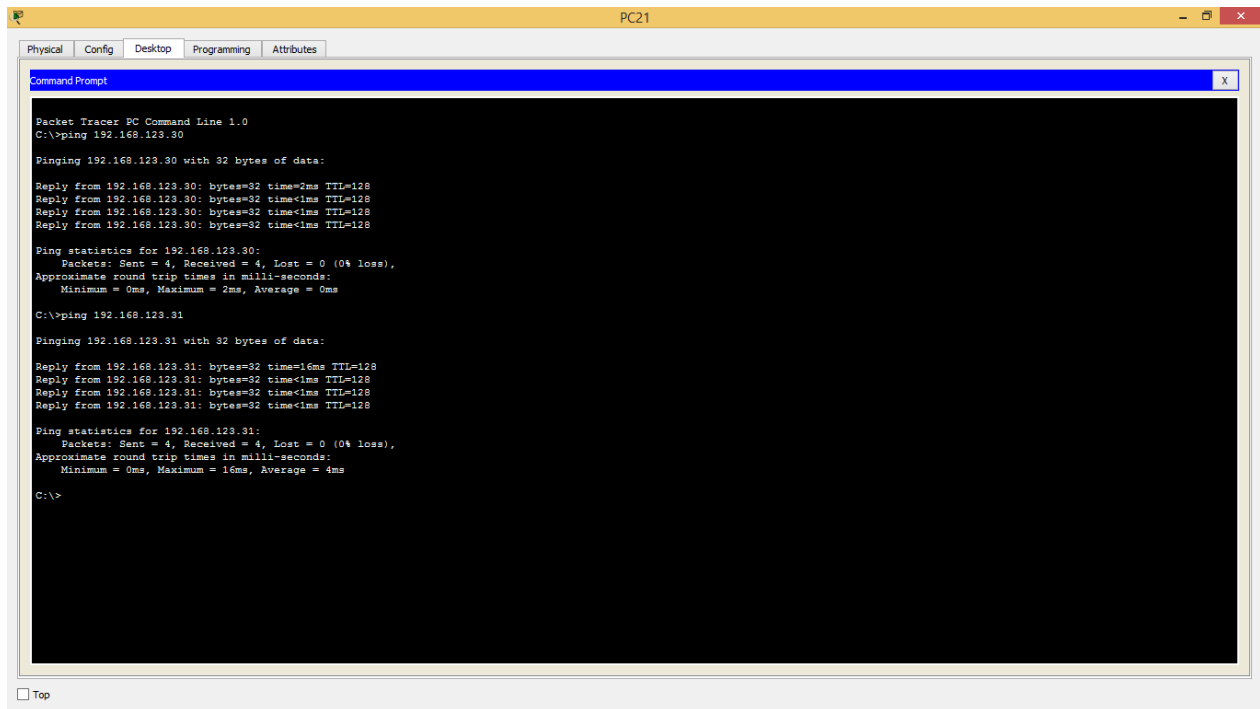
The screenshot shows the 'Server1' configuration window with the 'Services' tab selected. The 'DHCP' service is configured for the 'FastEthernet0' interface. The 'Service' radio button is set to 'On'. The 'Pool Name' is 'serverPool'. The 'Default Gateway' and 'DNS Server' are both '0.0.0.0'. The 'Start IP Address' is '192.168.123.30' and the 'Subnet Mask' is '255.255.255.0'. The 'Maximum Number of Users' is '31'. The 'TFTP Server' and 'WLC Address' are both '0.0.0.0'. A table at the bottom lists the DHCP pool configuration.

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...	255.255.255.0	31	0.0.0.0	0.0.0.0

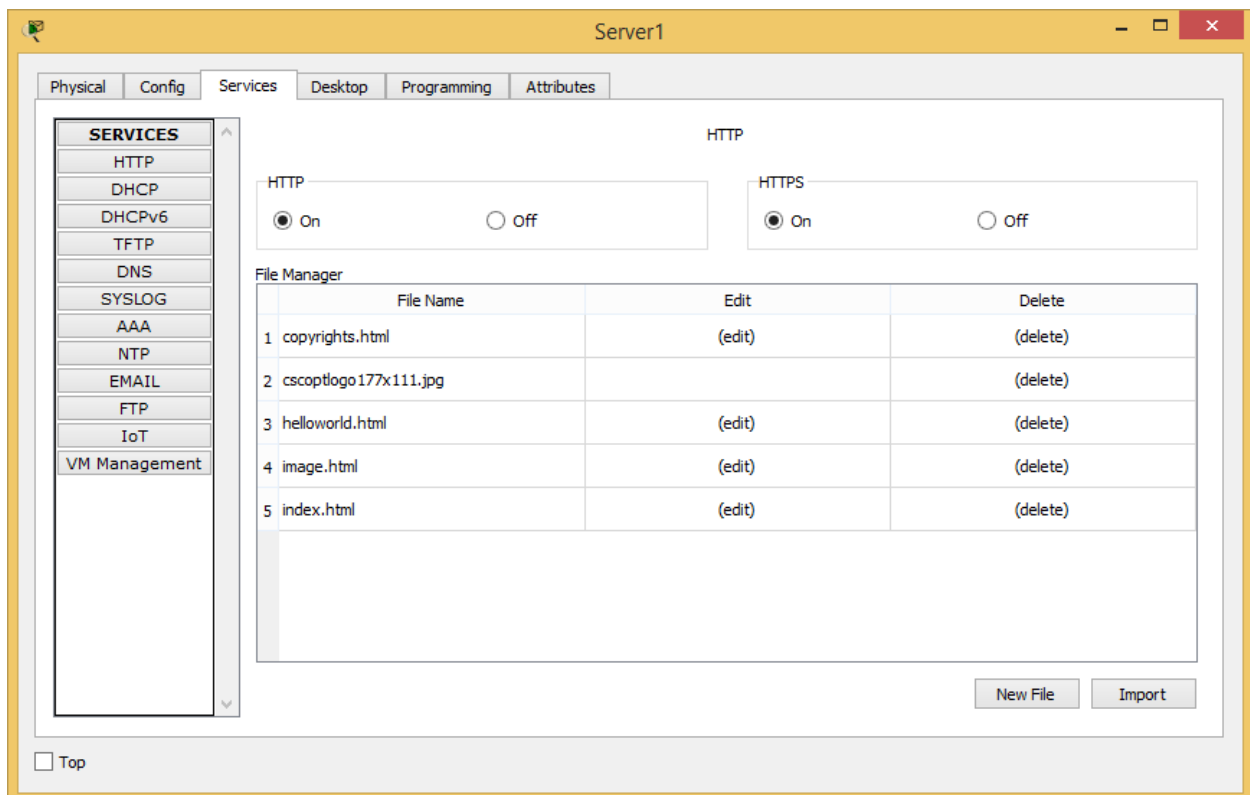
- Pada sisi client pastikan pilihan radio button pada pilihan DHCP.

The screenshot shows the 'PC21' configuration window with the 'Desktop' tab selected. The 'IP Configuration' window is open, showing the 'DHCP' radio button selected. The 'IP Address' is '192.168.123.33' and the 'Subnet Mask' is '255.255.255.0'. The 'Default Gateway' and 'DNS Server' are both '0.0.0.0'. The 'IPv6 Configuration' section shows the 'Static' radio button selected, with the 'IPv6 Address' field empty and the 'Link Local Address' set to 'FE80::2D0:58FF:FE06:661C'.

- Setelah selesai konfigurasi, lakukan ping pada PC.



## 2. Membuat web server dengan mengubah tampilan pada web tersebut



**Tampilan :**

