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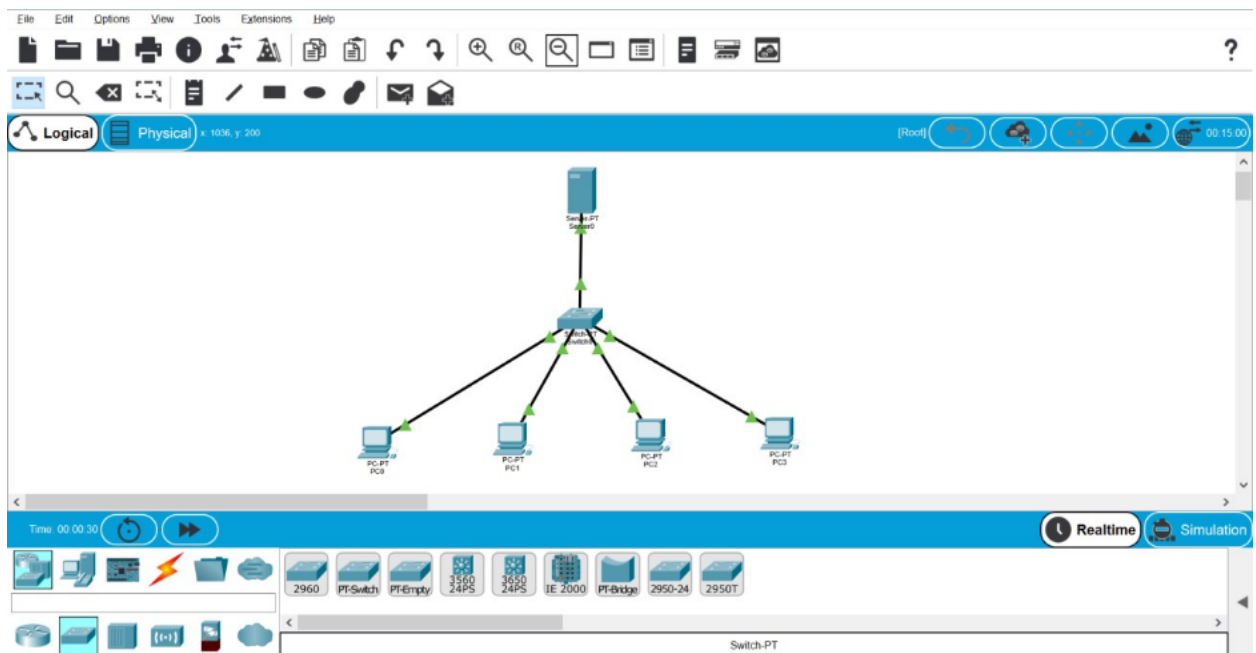
Kelas : B

MODUL 5

Kegiatan Praktikum

1. Praktikum 1 membuat DHCP Server

Menyusun komponen-komponen pada rancangan, yaitu terdiri dari 1 server, 1 switch, dan 4 PC



Double klik Server0, memilih config. Pada menu Interface, pilih Fast-Ethernet. Pada bagian IP Configuration, isikan dengan IP Address server.

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 0090.21C7.D1B3

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 FE80:290:21FF:FE07:D1B3

☐ Top

Untuk konfigurasi DHCP Server pada jendela properties server 0 pada services, DHCP. Pastikan service DHCP On. Isikan blok IP Address yang akan diberikan ke PC client. Pada start IP Address isikan dengan 192.168.123.19 dan pada maximum number of users =5.

Physical Config Services Desktop Programming Attributes

SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP

DHCP

Interface FastEthernet0 Service ☒ On ☐ Off

Pool Name serverPool

Default Gateway 192.168.123.1

DNS Server 0.0.0.0

Start IP Address 192 168 123 19

Subnet Mask 255 255 255 0

Maximum Number of Users 5

TFTP Server 0.0.0.0

WLC Address 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168...	0.0.0.0	192.168...	255.255...	5	0.0.0.0	0.0.0.0

☐ Top

Pada sisi client konfigurasi dilakukan dengan cara double klik pada PC, pilih tab desktop, pada menu yang ada, pilih menu IP Configuration. Pastikan pilihan radio button pada pilihan DHCP. Setelah konfigurasi selesai, silakan cek IP pada PC tersebut.

PC0

The screenshot shows a network configuration window titled "IP Configuration" with a close button (X) in the top right corner. The window has a tabbed interface with "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Config" tab is active, and within it, the "IP Configuration" sub-tab is selected. The "Interface" dropdown menu shows "FastEthernet0".

Under "IP Configuration", the "DHCP" radio button is selected, and the "Static" radio button is unselected. The fields for IP Address, Subnet Mask, Default Gateway, and DNS Server are populated with the following values:

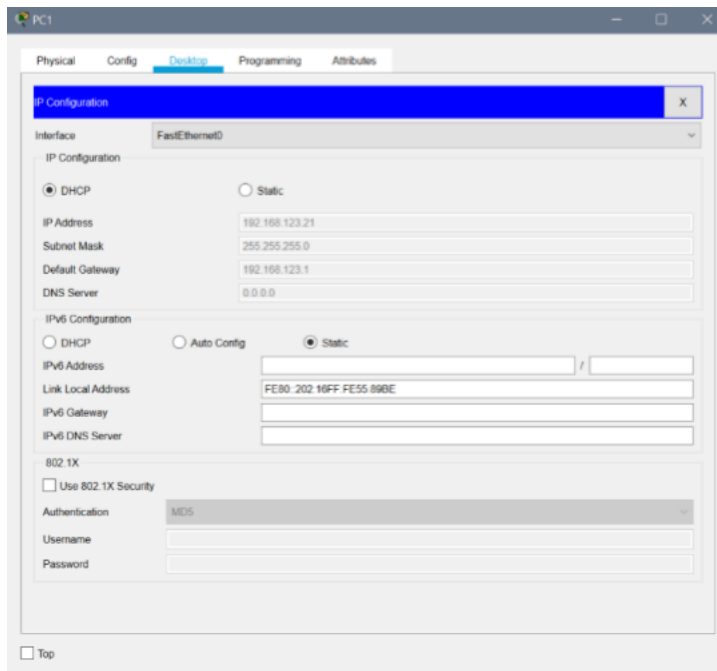
- IP Address: 192.168.123.10
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.123.1
- DNS Server: 0.0.0.0

Below the IP Configuration section is the "IPv6 Configuration" section. The "Static" radio button is selected, and the "Auto Config" radio button is unselected. The fields for IPv6 Address, Link Local Address, IPv6 Gateway, and IPv6 DNS Server are empty. The Link Local Address field contains the text "FE80 2602FF FE11 466C".

At the bottom of the window, there is a section for "802.1X" configuration. The "Use 802.1X Security" checkbox is unchecked. The "Authentication" dropdown menu is set to "MD5". The "Username" and "Password" fields are empty.

A "Tip" checkbox is located at the bottom left of the window.

PC1



The image shows the configuration window for PC1. The window has a title bar with a green icon and the text "PC1". Below the title bar are four tabs: "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Config" tab is selected. Inside the "Config" tab, there is a sub-tab "IP Configuration" which is highlighted in blue. Below the sub-tab, there is a dropdown menu for "Interface" set to "FastEthernet0". The "IP Configuration" section has two radio buttons: "DHCP" (selected) and "Static". Below these are four text input fields: "IP Address" (192.168.123.21), "Subnet Mask" (255.255.255.0), "Default Gateway" (192.168.123.1), and "DNS Server" (0.0.0.0). The "IPv6 Configuration" section has three radio buttons: "DHCP", "Auto Config", and "Static" (selected). Below these are four text input fields: "IPv6 Address" (empty), "Link Local Address" (FE80::202:10FF:FE55:89BE), "IPv6 Gateway" (empty), and "IPv6 DNS Server" (empty). The "802.1X" section has a checkbox "Use 802.1X Security" (unchecked). Below it is a dropdown menu for "Authentication" set to "MD5". There are also text input fields for "Username" and "Password". At the bottom left, there is a "Top" button.

PC1

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address: 192.168.123.21

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.123.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address:

Link Local Address: FE80::202:10FF:FE55:89BE

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

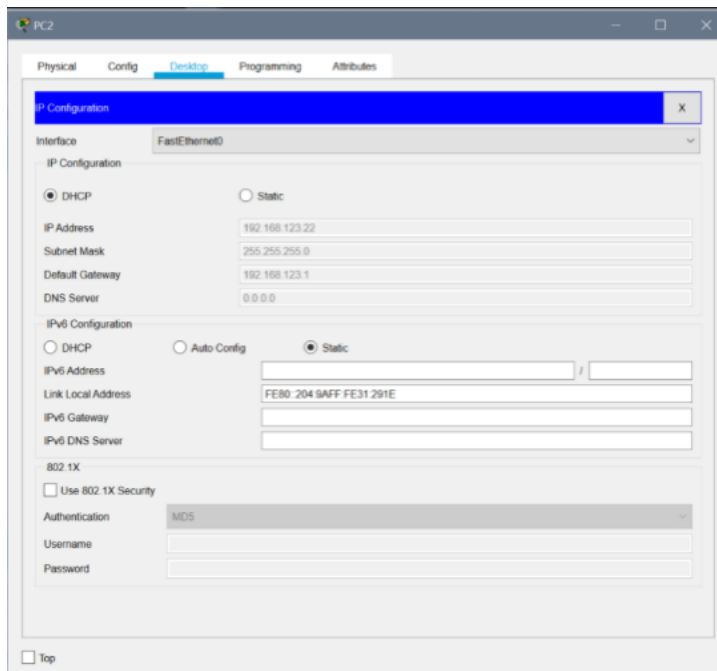
Authentication: MD5

Username:

Password:

☐ Top

PC2



The image shows the configuration window for PC2. The window has a title bar with a green icon and the text "PC2". Below the title bar are four tabs: "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Config" tab is selected. Inside the "Config" tab, there is a sub-tab "IP Configuration" which is highlighted in blue. Below the sub-tab, there is a dropdown menu for "Interface" set to "FastEthernet0". The "IP Configuration" section has two radio buttons: "DHCP" (selected) and "Static". Below these are four text input fields: "IP Address" (192.168.123.22), "Subnet Mask" (255.255.255.0), "Default Gateway" (192.168.123.1), and "DNS Server" (0.0.0.0). The "IPv6 Configuration" section has three radio buttons: "DHCP", "Auto Config", and "Static" (selected). Below these are four text input fields: "IPv6 Address" (empty), "Link Local Address" (FE80::204:9AFF:FE31:291E), "IPv6 Gateway" (empty), and "IPv6 DNS Server" (empty). The "802.1X" section has a checkbox "Use 802.1X Security" (unchecked). Below it is a dropdown menu for "Authentication" set to "MD5". There are also text input fields for "Username" and "Password". At the bottom left, there is a "Top" button.

PC2

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address: 192.168.123.22

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.123.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address:

Link Local Address: FE80::204:9AFF:FE31:291E

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

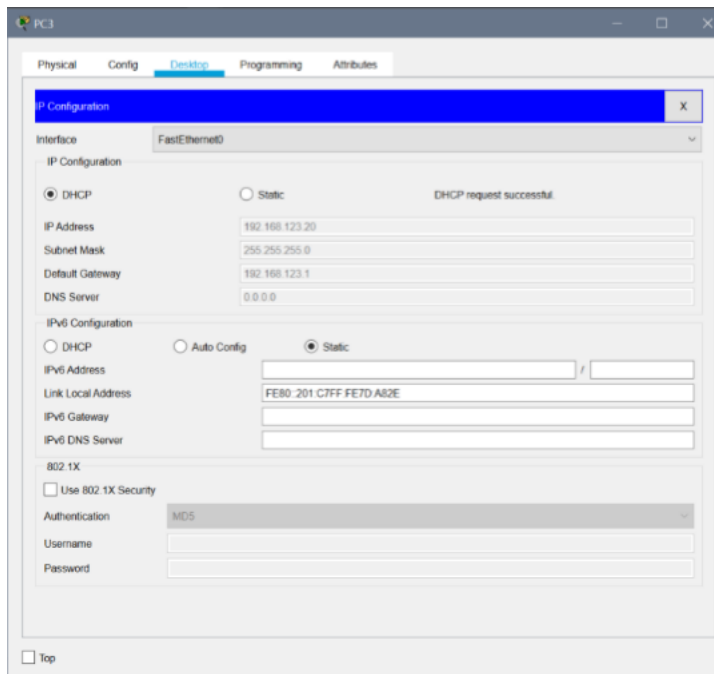
Authentication: MD5

Username:

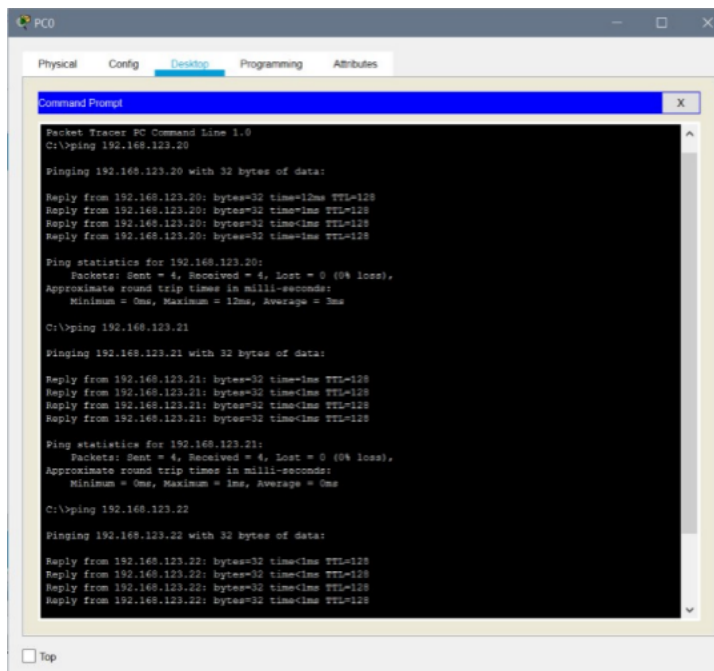
Password:

☐ Top

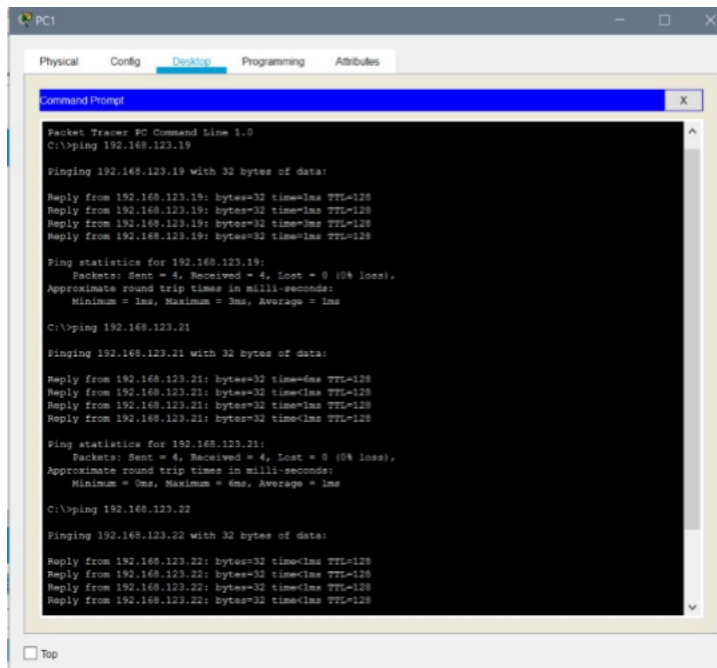
PC3



Setelah selesai konfigurasi semua, ping ke semua PC yang terhubung dengan server DHCP PC0



PC1



```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.19

Pinging 192.168.123.19 with 32 bytes of data:

Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.123.19:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 3ms, Average = 1ms

C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128

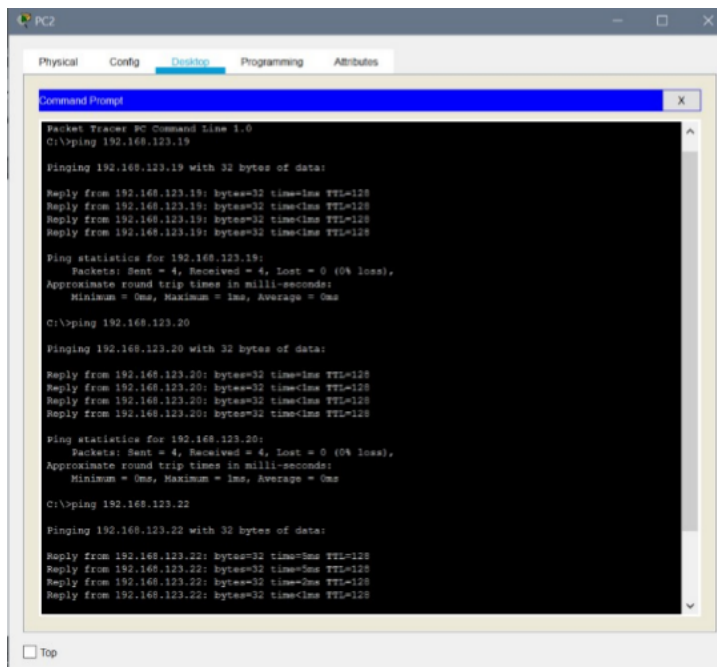
Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>ping 192.168.123.22

Pinging 192.168.123.22 with 32 bytes of data:

Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
```

PC2



```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.19

Pinging 192.168.123.19 with 32 bytes of data:

Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.123.19:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.123.20

Pinging 192.168.123.20 with 32 bytes of data:

Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms TTL=128

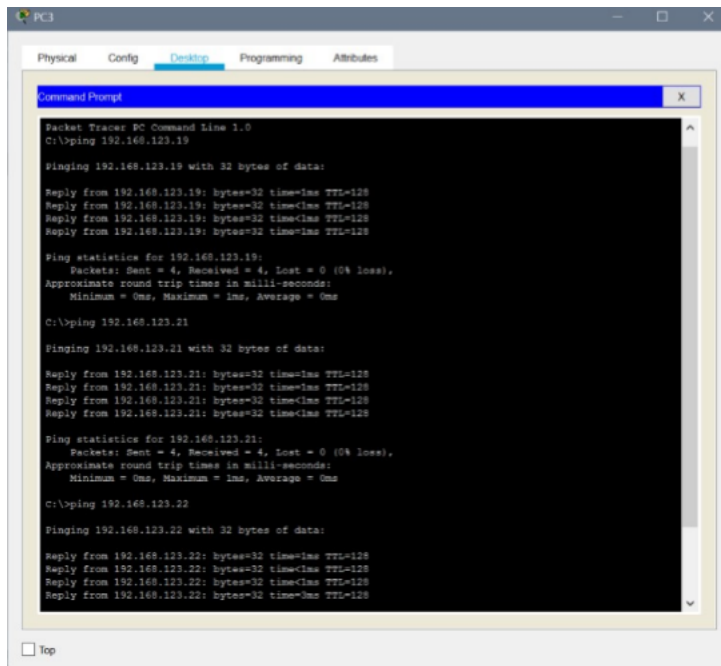
Ping statistics for 192.168.123.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.123.22

Pinging 192.168.123.22 with 32 bytes of data:

Reply from 192.168.123.22: bytes=32 time=0ms TTL=128
Reply from 192.168.123.22: bytes=32 time=0ms TTL=128
Reply from 192.168.123.22: bytes=32 time=0ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
```

PC3



```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.19

Pinging 192.168.123.19 with 32 bytes of data:

Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.123.19:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

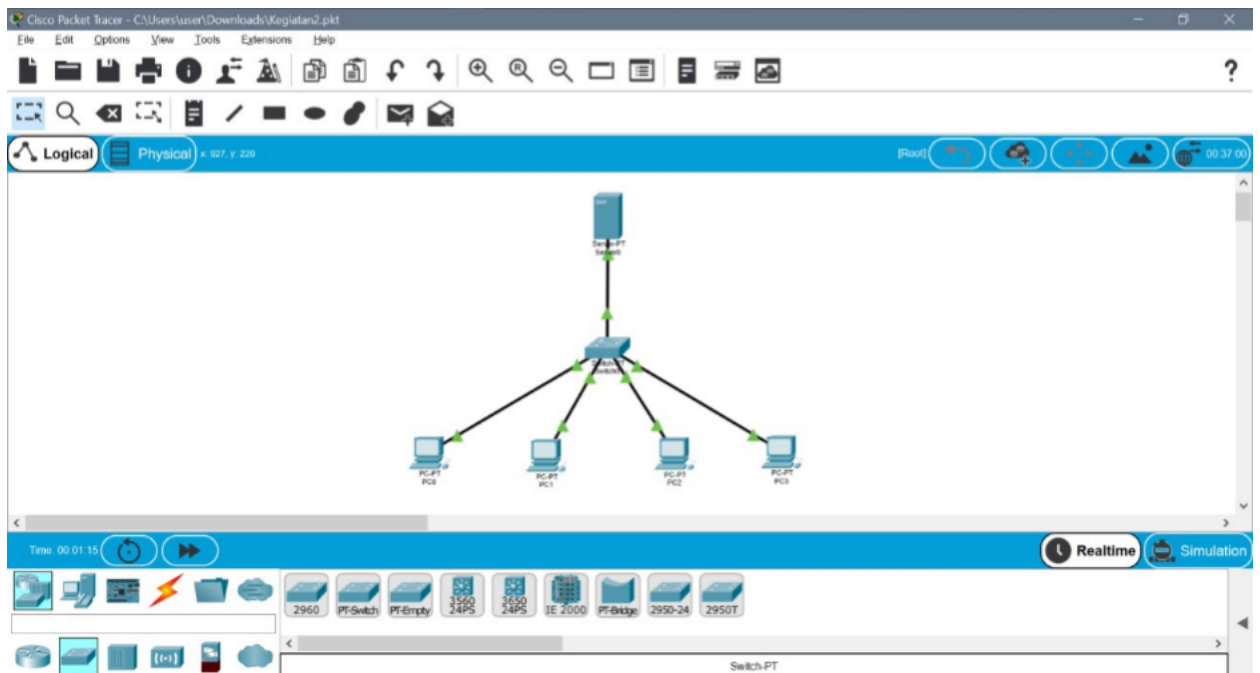
C:\>ping 192.168.123.22

Pinging 192.168.123.22 with 32 bytes of data:

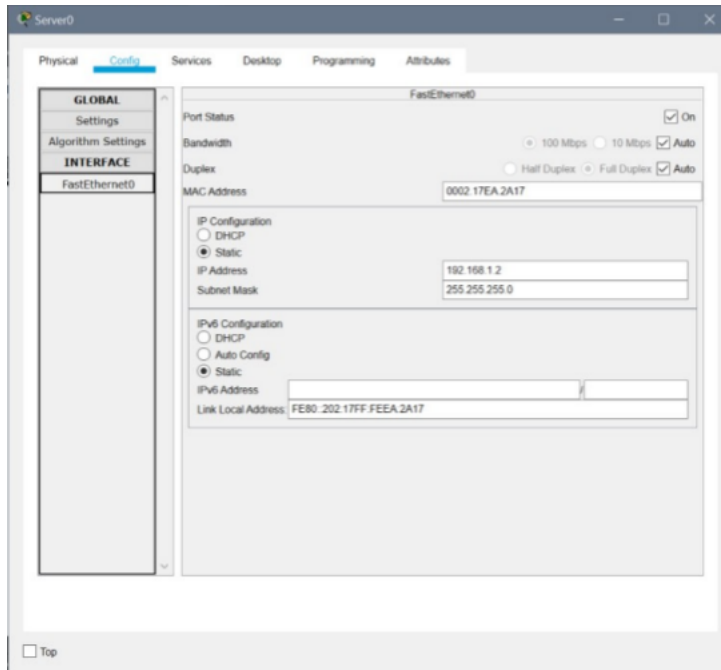
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
```

2. Praktikum 2 membuat WebServer

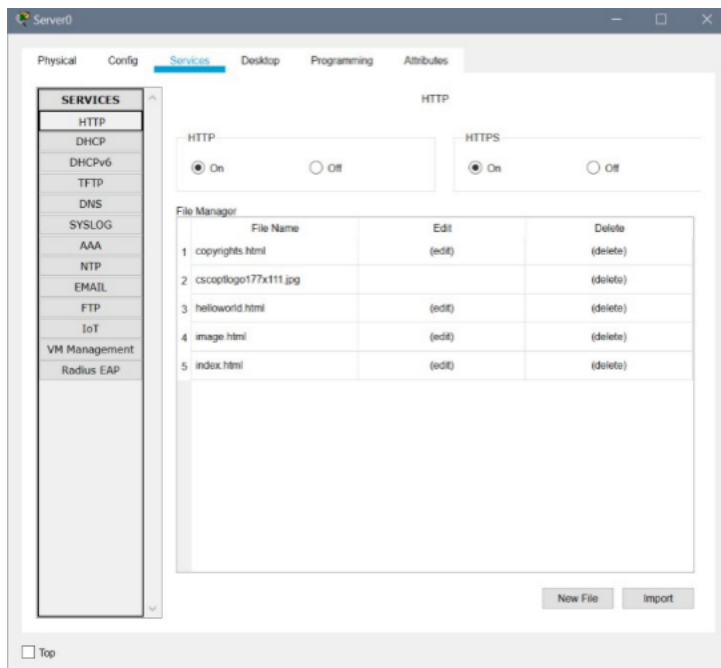
Menyusun komponen-komponen pada rancangan, yaitu terdiri dari 1 server, 1 switch, dan 4 PC



Double klik Server0, memilih config. Pada menu Interface, pilih Fast-Ethernet. Pada bagian IP Configuration, isikan dengan IP Address server.



Memastikan radio button service HTTP pada pilihan on



Mengatur pada service DHCP

The screenshot shows the 'Services' tab in the Server0 configuration window. The 'DHCP' service is selected in the left sidebar. The main area displays the DHCP configuration for the 'FastEthernet0' interface, which is set to 'On'. The configuration includes a pool named 'serverPool' with a default gateway of 192.168.1.1, DNS server 192.168.1.2, and a start IP address of 192.168.1.50. The subnet mask is 255.255.255.0, and the maximum number of users is 206. The TFTP server and WLC address are both set to 0.0.0.0. Below the configuration fields is a table showing the current DHCP pool configuration.

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.1.1	192.168.1.2	192.168.1.50	255.255.255.0	206	0.0.0.0	0.0.0.0

Mengatur pada service DNS

The screenshot shows the 'Services' tab in the Server0 configuration window. The 'DNS' service is selected in the left sidebar. The main area displays the DNS configuration, which is set to 'On'. The 'Resource Records' section shows a table with one record: 'kugatan2.com' of type 'A Record' with a detail of '192.168.1.2'. Below the table is a 'DNS Cache' button.

No.	Name	Type	Detail
0	kugatan2.com	A Record	192.168.1.2

Pada sisi client konfigurasi dilakukan dengan cara double klik pada PC, pilih tab desktop, pada menu yang ada, pilih menu IP Configuration. Pastikan pilihan radio button pada pilihan DHCP. Setelah konfigurasi selesai, silakan cek IP pada PC tersebut.

PC0

The screenshot shows the configuration window for PC0, specifically the IP Configuration tab. The interface is divided into several sections:

- Physical**: Tabbed interface, currently showing the **Desktop** tab.
- IP Configuration**: A section with a blue header and a close button (X). It contains:
 - Interface**: A dropdown menu set to **FastEthernet0**.
 - IP Configuration**: Radio buttons for **DHCP** (selected) and **Static**. Below are input fields for IP Address (192.168.1.52), Subnet Mask (255.255.255.0), Default Gateway (192.168.1.1), and DNS Server (192.168.1.2).
 - IPv6 Configuration**: Radio buttons for **DHCP**, **Auto Config**, and **Static** (selected). Below are input fields for IPv6 Address, Link Local Address (FE80::210:11FF:FE83:CB2), IPv6 Gateway, and IPv6 DNS Server.
 - 802.1X**: A checkbox for **Use 802.1X Security** is unchecked.
 - Authentication**: A dropdown menu set to **MD5**, with input fields for **Username** and **Password**.
- Bottom**: A checkbox for **Top** is present.

PC1

The screenshot shows the configuration window for PC1. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the configuration for the 'FastEthernet0' interface. The 'IP Configuration' section has two radio buttons: 'DHCP' (selected) and 'Static'. Below these are fields for 'IP Address' (192.168.1.53), 'Subnet Mask' (255.255.255.0), 'Default Gateway' (192.168.1.1), and 'DNS Server' (192.168.1.2). The 'IPv6 Configuration' section has three radio buttons: 'DHCP', 'Auto Config', and 'Static' (selected). Below these are fields for 'IPv6 Address', 'Link Local Address' (FE80:209:7CFF:FEA0:7D63), 'IPv6 Gateway', and 'IPv6 DNS Server'. The '802.1X' section has a checkbox for 'Use 802.1X Security' (unchecked) and a dropdown for 'Authentication' (MD5). Below these are fields for 'Username' and 'Password'. A 'Top' button is at the bottom left.

PC1

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.1.53

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.2

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local Address FE80:209:7CFF:FEA0:7D63

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

PC2

The screenshot shows the configuration window for PC2. The 'Desktop' tab is selected. The 'IP Configuration' section is expanded, showing the configuration for the 'FastEthernet0' interface. The 'IP Configuration' section has two radio buttons: 'DHCP' (selected) and 'Static'. Below these are fields for 'IP Address' (192.168.1.51), 'Subnet Mask' (255.255.255.0), 'Default Gateway' (192.168.1.1), and 'DNS Server' (192.168.1.2). The 'IPv6 Configuration' section has three radio buttons: 'DHCP', 'Auto Config', and 'Static' (selected). Below these are fields for 'IPv6 Address', 'Link Local Address' (FE80:2D0:58FF:FE2C:72AE), 'IPv6 Gateway', and 'IPv6 DNS Server'. The '802.1X' section has a checkbox for 'Use 802.1X Security' (unchecked) and a dropdown for 'Authentication' (MD5). Below these are fields for 'Username' and 'Password'. A 'Top' button is at the bottom left.

PC2

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.1.51

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.2

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local Address FE80:2D0:58FF:FE2C:72AE

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

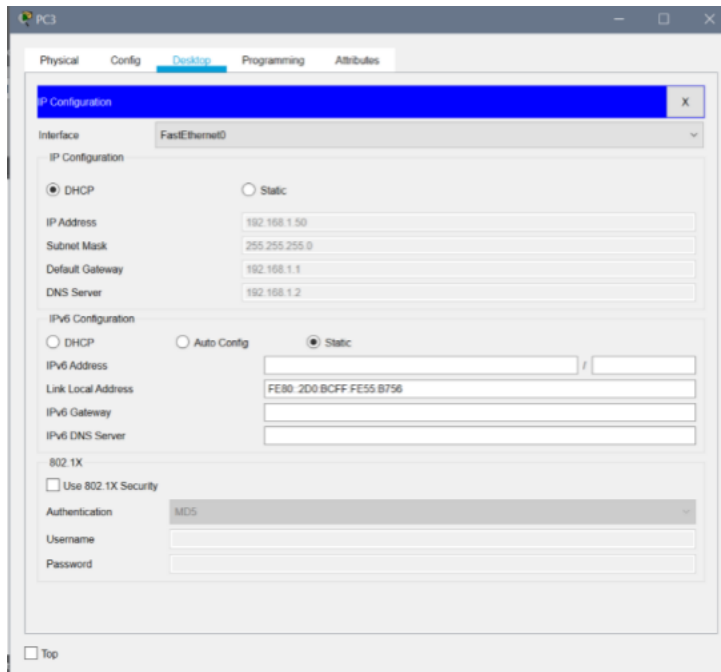
Authentication MD5

Username

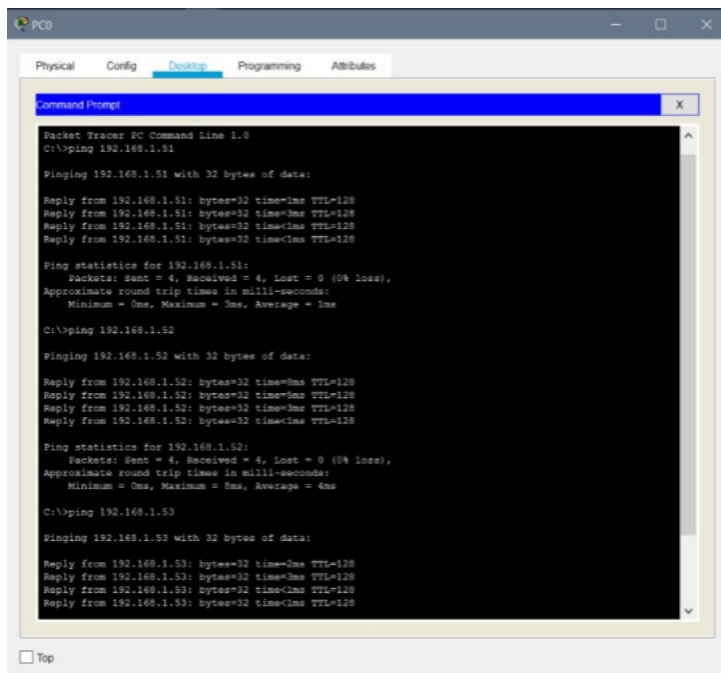
Password

☐ Top

PC3



Setelah selesai konfigurasi semua, ping ke semua PC yang terhubung dengan server DHCP



PC1

Physical Config **Desktop** Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.52

Pinging 192.168.1.52 with 32 bytes of data:

Reply from 192.168.1.52: bytes=32 time=1ms TTL=128
Reply from 192.168.1.52: bytes=32 time=1ms TTL=128
Reply from 192.168.1.52: bytes=32 time=3ms TTL=128
Reply from 192.168.1.52: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.1.52:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>ping 192.168.1.53

Pinging 192.168.1.53 with 32 bytes of data:

Reply from 192.168.1.53: bytes=32 time=1ms TTL=128
Reply from 192.168.1.53: bytes=32 time=5ms TTL=128
Reply from 192.168.1.53: bytes=32 time=4ms TTL=128
Reply from 192.168.1.53: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.1.53:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 5ms, Average = 3ms

C:\>
```

☐ Top

PC2

Physical Config **Desktop** Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.53

Pinging 192.168.1.53 with 32 bytes of data:

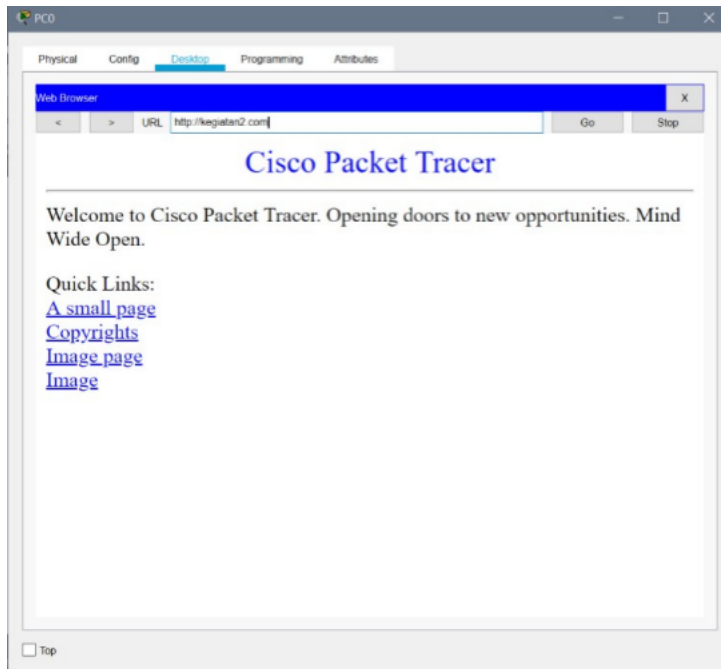
Reply from 192.168.1.53: bytes=32 time=1ms TTL=128
Reply from 192.168.1.53: bytes=32 time=1ms TTL=128
Reply from 192.168.1.53: bytes=32 time=1ms TTL=128
Reply from 192.168.1.53: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.1.53:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>
```

☐ Top

Melakukan browsing HTTP dengan cara double klik PC0 sehingga muncul jendela properties PC0. Pilih tab desktop, pada daftar menu, pilih web browser. Ketika jendela web browser muncul, ketikkan kegiatan2.com Sesaat setelah itu akan dihasilkan halaman web pada Server0 di web browser PC0.

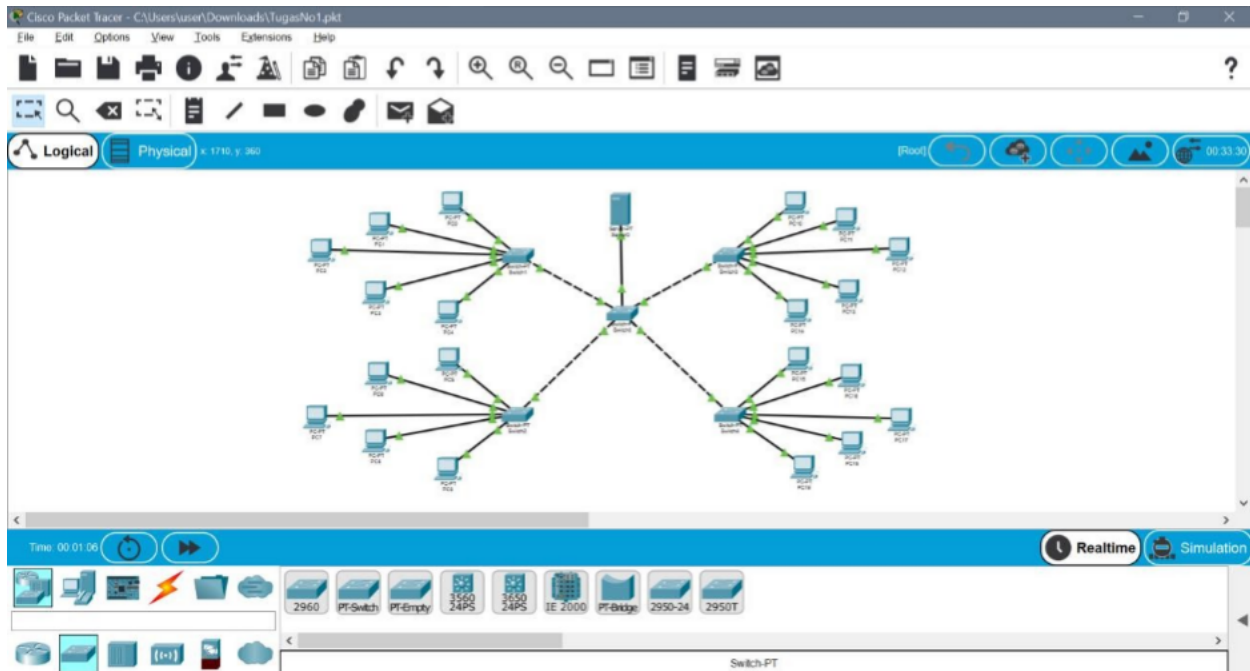


Tugas

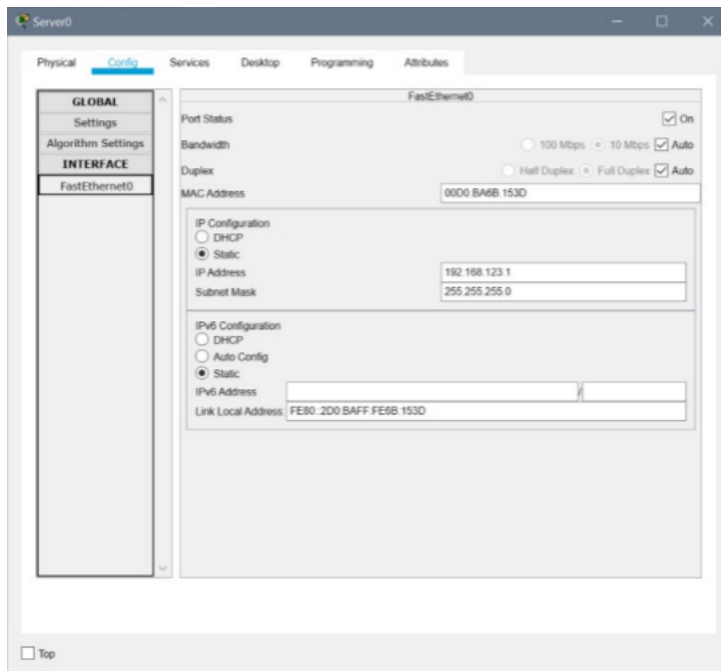
1. Buatlah DHCP Server dengan packet tracer dengan client terdiri dari 20PC!

Jawab:

Menyusun komponen – komponen yang terdiri dari 1 server, 5 switch, dan 20 PC



Double klik Server0, memilih config. Pada menu Interface, pilih Fast-Ethernet. Pada bagian IP Configuration, isikan dengan IP Address server.



Untuk konfigurasi DHCP Server pada jendela properti server0 pada services, DHCP. Pastikan service DHCP On. Isikan blok IP Address yang akan diberikan ke PC client. Pada start IP Address isikan dengan 192.168.123.19 dan pada maximum number of users =20.

The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. The 'DHCP' service is enabled (radio button 'On' is selected). The configuration details are as follows:

- Interface: FastEthernet0
- Service: ☒ On ☐ Off
- Pool Name: serverPool
- Default Gateway: 192.168.123.1
- DNS Server: 0.0.0.0
- Start IP Address: 192.168.123.19
- Subnet Mask: 255.255.255.0
- Maximum Number of Users: 20
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

Below the configuration fields is a table showing the DHCP pool configuration:

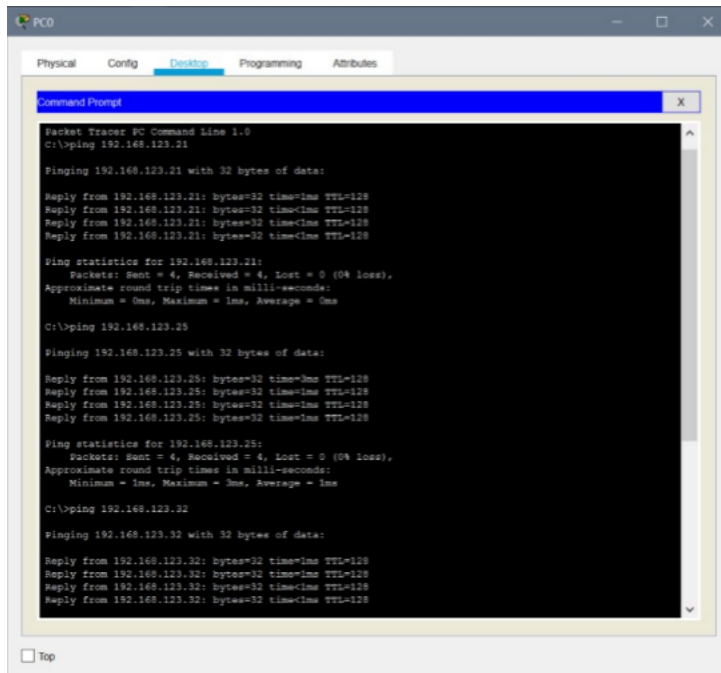
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.123.1	0.0.0.0	192.168.123.19	255.255.255.0	20	0.0.0.0	0.0.0.0

Pada sisi client konfigurasi dilakukan dengan cara double klik pada PC, pilih tab desktop, pada menu yang ada, pilih menu IP Configuration. Pastikan pilihan radio button pada pilihan DHCP. Setelah konfigurasi selesai, silakan cek IP pada PC tersebut.

The screenshot shows the 'PC0' configuration window with the 'Desktop' tab selected. The 'IP Configuration' window is open, showing the following settings:

- Interface: FastEthernet0
- IP Configuration: ☒ DHCP ☐ Static
- IP Address: 192.168.123.26
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.123.1
- DNS Server: 0.0.0.0
- IPv6 Configuration: ☐ DHCP ☐ Auto Config ☒ Static
- IPv6 Address: [Empty field]
- Link Local Address: FE80::20C:FFFF:FE2A:7760
- IPv6 Gateway: [Empty field]
- IPv6 DNS Server: [Empty field]
- 802.1X: ☐ Use 802.1X Security
- Authentication: MD5
- Username: [Empty field]
- Password: [Empty field]

Setelah selesai konfigurasi semua, ping ke semua PC yang terhubung dengan server DHCP



```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.123.25

Pinging 192.168.123.25 with 32 bytes of data:

Reply from 192.168.123.25: bytes=32 time=1ms TTL=128
Reply from 192.168.123.25: bytes=32 time<1ms TTL=128
Reply from 192.168.123.25: bytes=32 time<1ms TTL=128
Reply from 192.168.123.25: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.25:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 3ms, Average = 1ms

C:\>ping 192.168.123.32

Pinging 192.168.123.32 with 32 bytes of data:

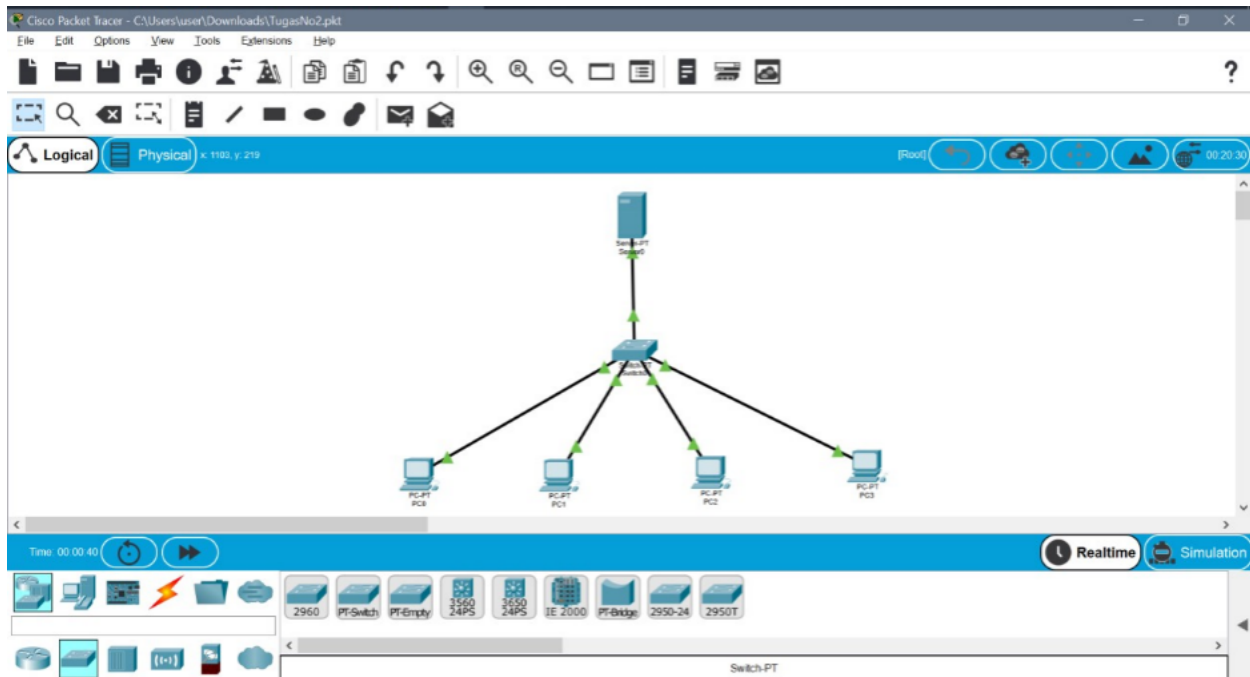
Reply from 192.168.123.32: bytes=32 time=1ms TTL=128
Reply from 192.168.123.32: bytes=32 time<1ms TTL=128
Reply from 192.168.123.32: bytes=32 time<1ms TTL=128
Reply from 192.168.123.32: bytes=32 time<1ms TTL=128
```

2. Buatlah webserver pada packet tracer, dengan mengubah tampilan pada web tersebut dengan isi :

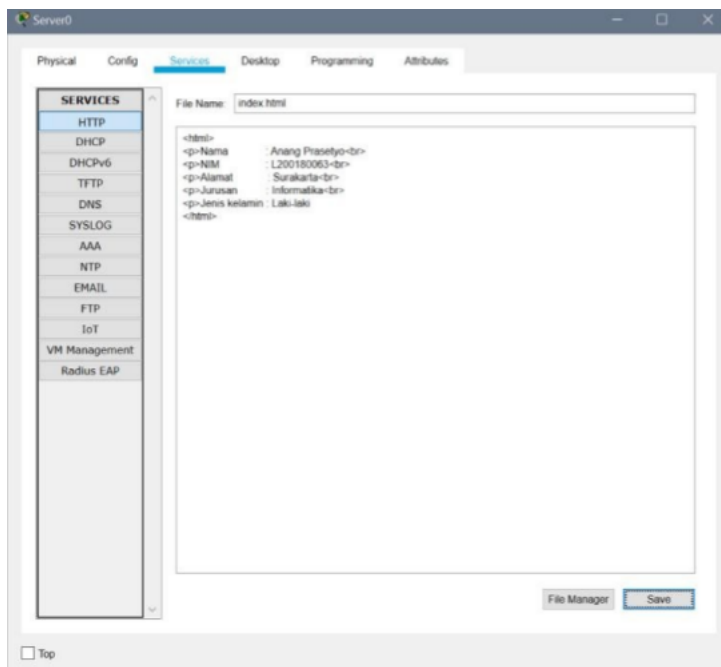
- a. Nama
- b. NIM
- c. Alamat
- d. Jurusan
- e. Jenis Kelamin

Jawab :

Merancang DHCP Server



Mengubah index.html pada HTTP



Berikut adalah screenshot tampilan pada web browser :

