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E

## Modul 5

### Praktikum 1

The image displays two screenshots of the Cisco Packet Tracer interface, showing the configuration of a server interface (FastEthernet0) on a server named Server0.

**Top Screenshot: Interface Configuration**

The **Config** tab is selected. The **FastEthernet0** interface is configured with the following settings:

- Port Status:** On
- Bandwidth:** 100 Mbps
- Duplex:** Full Duplex
- MAC Address:** 0060.4702.5E16
- IP Configuration:** Static
- IP Address:** 192.168.123.1
- Subnet Mask:** 255.255.255.0
- IPv6 Configuration:** Static
- IPv6 Address:** (empty)
- Link Local Address:** FE80::260:47FF:FE02:5E16

**Bottom Screenshot: DHCP Configuration**

The **Services** tab is selected. The **DHCP** service is configured for the **FastEthernet0** interface. The **serverPool** is defined with the following settings:

- Interface:** FastEthernet0
- Service:** On
- Pool Name:** serverPool
- Default Gateway:** 0.0.0.0
- DNS Server:** 0.0.0.0
- Start IP Address:** 192.168.123.0
- Subnet Mask:** 255.255.255.0
- Maximum Number of Users:** 255
- TFTP Server:** 0.0.0.0
- WLC Address:** 0.0.0.0

The **serverPool** is listed in the table below:

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

Cisco Packet Tracer - D:\semester 4\praktikum jaringan komputer\modul5.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 380, y: 404

PC0

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static DHCP request successful

IP Address 192.168.123.19

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::201:42FF:FE5E:D561

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Time: 04:25:25

Realtime Simulation

Automatically Choose Connection Type

Cisco Packet Tracer - D:\semester 4\praktikum jaringan komputer\modul5.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 1186, y: 245

[Root]

Time: 04:35:15.135

PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Fire

Last Status	Source	Destination	Type	Color	Time(sec)	Period
Successful	PC0	PC1	ICMP		0.000	N
Successful	PC0	PC2	ICMP		150.130	N
In Progress	PC0	PC1	ICMP		0.000	N

Automatically Choose Connection Type

## Praktikum 2

The image displays two screenshots of the Cisco Packet Tracer interface, showing the configuration and simulation of a web server.

**Top Screenshot:** The 'Server1' configuration window is open, showing the 'Services' tab. The 'HTTP' service is selected. The 'File Name' field is set to 'index.html'. The content of the file is:

```
<html>
<h1>Welcome to paradise</h1>
Created by <b>Ilyas Raihan Nadhif</b>
</html>
```

The bottom screenshot shows the 'PC0' configuration window, displaying the 'Desktop' tab. The 'Web Browser' application is open, showing the URL 'http://192.168.123.1'. The browser displays the following content:

**Welcome to paradise**

Created by **Ilyas Raihan Nadhif**

The background of both screenshots shows a network topology with various devices (routers, switches, and PCs) connected in a mesh-like structure. The status bar at the bottom indicates 'Realtime' and 'Simulation' modes.

# Tugas

Cisco Packet Tracer - D:\semester 4\praktikum jaringan komputer\modul5.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 1088, y: 570

Server4

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: 192.168.24.1

DNS Server: 192.168.24.1

Start IP Address: 192.168.24.2

Subnet Mask: 255.255.255.0

Maximum Number of Users: 20

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	192.168.24.1	192.168.24.1	192.168.24.2	255.255.255.0	20	0.0.0.0	0.0.0.0

Time: 05:10:40

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Period

Successful	PC12	PC13	ICMP		0.000	N
Successful	Server4	PC15	ICMP		0.000	N

Automatically Choose Connection Type

Cisco Packet Tracer - D:\semester 4\praktikum jaringan komputer\modul5.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 1088, y: 490

PC16

Physical Config **Desktop** Programming Attributes

**Desktop**

☒ DHCP ☐ Static DHCP Request successful

IP Address: 192.168.24.8

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.24.1

DNS Server: 192.168.24.1

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80::240:BFF:FE40:A3A6

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

Time: 05:10:36

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Period

Successful	PC12	PC13	ICMP		0.000	N
Successful	Server4	PC15	ICMP		0.000	N

Automatically Choose Connection Type

