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## Praktikum 1

The image displays two screenshots of the Cisco Packet Tracer interface, showing the configuration of a server named 'Server0'.

**Top Screenshot:** The 'Config' tab is selected, showing the 'FastEthernet0' interface configuration. The 'IP Configuration' section is set to 'Static' with an IP Address of 192.168.123.1 and a Subnet Mask of 255.255.255.0. The 'IPv6 Configuration' section is also set to 'Static' with an IPv6 Address of FE80::200:47FF:FE02:5E16 and a Link Local Address of FE80::200:47FF:FE02:5E16. The 'Port Status' is 'On', 'Bandwidth' is 'Auto', and 'Duplex' is 'Auto'.

**Bottom Screenshot:** The 'Services' tab is selected, showing the 'DHCP' service configuration. The 'Interface' is 'FastEthernet0' and the 'Service' is 'On'. The 'Pool Name' is 'serverPool'. The 'Default Gateway' is 0.0.0.0, the 'DNS Server' is 0.0.0.0, and the 'Start IP Address' is 192.168.123.0. The 'Subnet Mask' is 255.255.255.0, the 'Maximum Number of Users' is 255, the 'TFTP Server' is 0.0.0.0, and the 'WLC Address' is 0.0.0.0. A table at the bottom lists the configuration for the 'serverPool'.

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

Pv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

Pv6 Address

Link Local Address FE80::201:42FF:FE5E:D561

Pv6 Gateway

Pv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

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: 1180, y: 246

[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

Time: 14:18:30

Realtime Simulation

Automatically Choose Connection Type

```
graph TD
    Server[Server-PT Server1] --- Switch[Switch]
    Switch --- PC0[PC0]
    Switch --- PC1[PC1]
    Switch --- PC2[PC2]
    Switch --- PC3[PC3]
```

## Praktikum 2

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

File Edit Options View Tools Extensions Help

Logical Physical > 528, y: 129

Server1

Physical Config **Services** Desktop Programming Attributes

SERVICES

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

File Name: index.html

```
<html>
<h1>Welcome to paradise</h1>
Design by <b>Maulana Alhif Ikhsan</b>
</html>
```

File Manager Save

Time: 04:58:41

Realtime Simulation

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Period
Successful		PC12	PC13	ICMP		0.000	N
Successful		Server4	PC15	ICMP		0.000	N

Scenario 0

New Delete

Toggle PDU List Window

Automatically Choose Connection Type

PC0

Physical Config **Desktop** Programming Attributes

Web Browser

URL: http://192.168.123.1

Go Stop

**Welcome to paradise**

Design by **Maulana Alhif Ikhsan**

Time: 04:58:50

Realtime Simulation

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Period
Successful		PC12	PC13	ICMP		0.000	N
Successful		Server4	PC15	ICMP		0.000	N

Scenario 0

New Delete

Toggle PDU List Window

Automatically Choose Connection Type

## Tugas

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

File Edit Options View Tools Extensions Help

Logical Physical 1068 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	Blue	0.000	N
Successful	Server4	PC15	ICMP	Purple	0.000	N

Automatically Choose Connection Type

PC16

Physical Config **Desktop** Programming Attributes

☒ 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: 05:18:36

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

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

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

Automatically Choose Connection Type

