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MODUL 5 LATIHAN

TUGAS

1. Membuat DHCP server dengan client terdiri dari 20 pc (pengujian acak)

The image displays two screenshots from a network simulation environment, likely Packet Tracer. The top screenshot shows a network topology with a central switch connected to 20 PCs (PC0 to PC19) and a server. The bottom screenshot shows the same topology with a different configuration.

Top Screenshot: PC4 Configuration

The configuration window for PC4 (FastEthernet0) is shown. The IP Configuration section is set to DHCP, and the status indicates "DHCP request successful." The IP Address is 192.168.123.24, Subnet Mask is 255.255.255.0, Default Gateway is 0.0.0.0, and DNS Server is 0.0.0.0. The IPv6 Configuration section is set to Static, with the IPv6 Address field empty, Link Local Address set to FE80::260:3EFF:FE49:2A37, and IPv6 Gateway and IPv6 DNS Server fields empty. The 802.1X section is unchecked.

Bottom Screenshot: PC9 Configuration

The configuration window for PC9 (FastEthernet0) is shown. The IP Configuration section is set to DHCP, and the status indicates "DHCP request successful." The IP Address is 192.168.123.28, Subnet Mask is 255.255.255.0, Default Gateway is 0.0.0.0, and DNS Server is 0.0.0.0. The IPv6 Configuration section is set to Static, with the IPv6 Address field empty, Link Local Address set to FE80::2D0:97FF:FEA0:AC8C, and IPv6 Gateway and IPv6 DNS Server fields empty. The 802.1X section is unchecked.

Physical x: 829, y: 447

PC19

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address 192.168.123.38

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local Address FE80::20C:85FF:FEC2:C4B9

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Melakukan ping secara acak

Physical x: 380, y: 88

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
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=3ms TTL=128
Reply from 192.168.123.20: bytes=32 time=3ms TTL=128
Reply from 192.168.123.20: bytes=32 time=3ms 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 = 3ms, Average = 2ms

C:\>ping 192.168.123.35

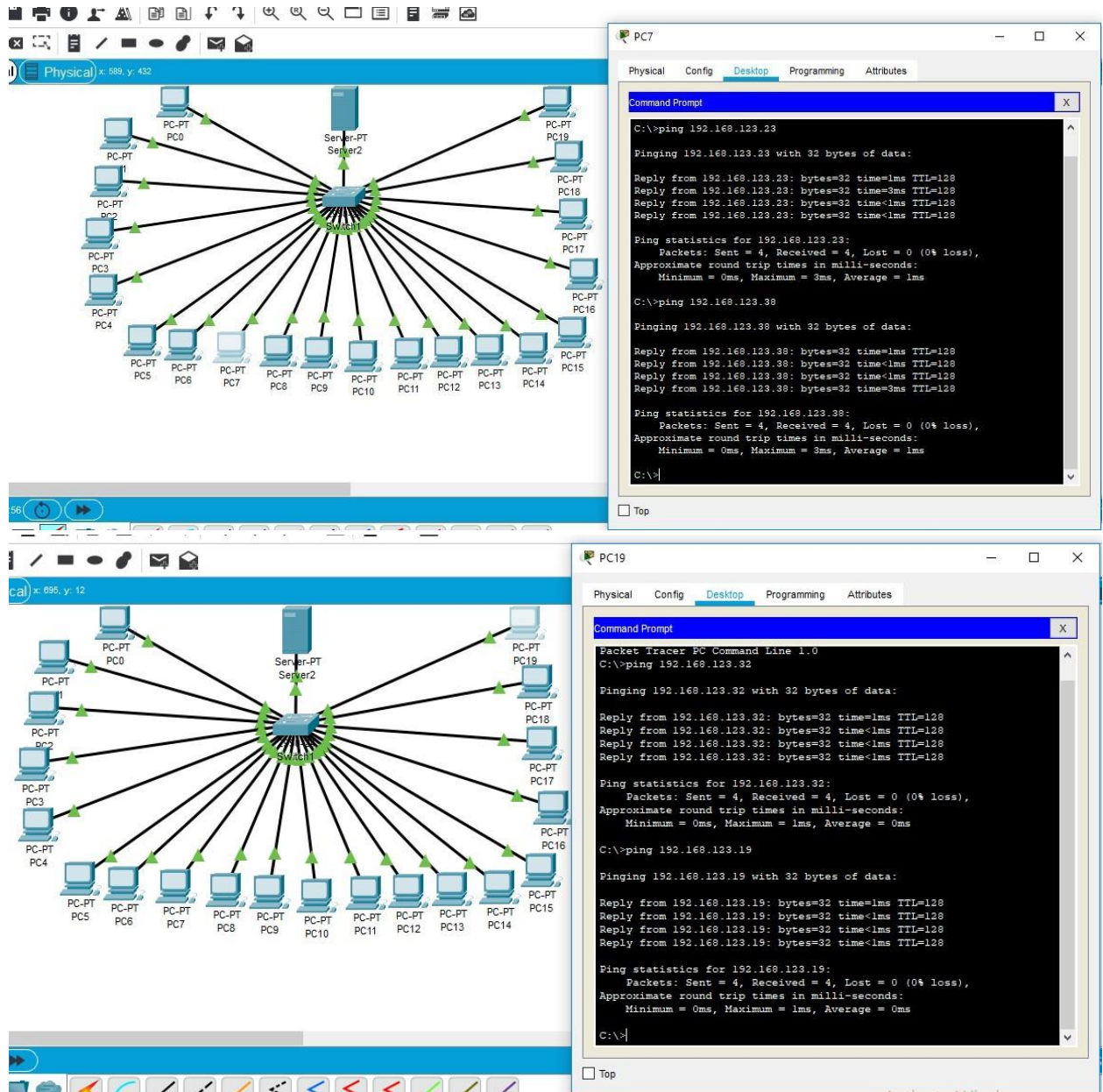
Pinging 192.168.123.35 with 32 bytes of data:

Reply from 192.168.123.35: bytes=32 time=1ms TTL=128
Reply from 192.168.123.35: bytes=32 time<1ms TTL=128
Reply from 192.168.123.35: bytes=32 time<1ms TTL=128
Reply from 192.168.123.35: bytes=32 time=1ms TTL=128

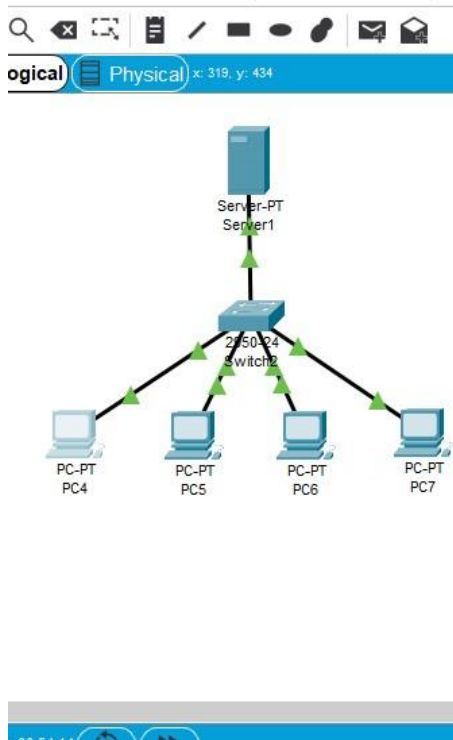
Ping statistics for 192.168.123.35:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

☐ Top



2. Mengubah isi web browser dengan nama, nim, alamat, jurusan, jenis, jenis kelamin



Server1

Physical Config **Services** Desktop Programming Attributes

SERVICES

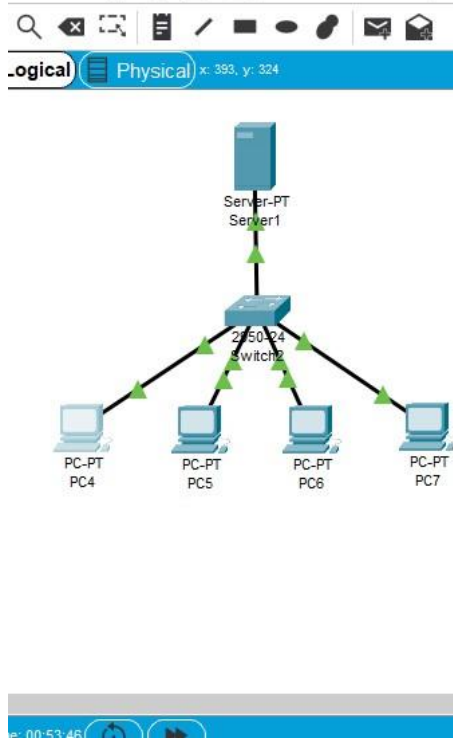
- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

File Name: index.html

```
<html>
<center><font size="+2" color="blue">Cisco Packet Tracer</font></center>
<hr>Welcome to my Paradise
<hr> Nama      : ISMI DZIKRINA
<br> NIM       : L200180010
<br> Alamat    : Sukoharjo
<br> Jurusan   : Informatika
<br> Jenis     : Reguler
<br> Jenis Kelamin : Perempuan
<p>Quick Links:
<br><a href="helloworld.html">A small page</a>
<br><a href="copyrights.html">Copyrights</a>
<br><a href="image.html">Image page</a>
<br><a href="cscoplogo177x111.jpg">Image</a>
</html>
```

File Manager Save

☐ Top



PC4

Physical Config **Desktop** Programming Attributes

Web Browser X

< > URL http://192.168.123.1 Go Stop

Cisco Packet Tracer

Welcome to my Paradise

Nama : ISMI DZIKRINA
NIM : L200180010
Alamat : Sukoharjo
Jurusan : Informatika
Jenis : Reguler
Jenis Kelamin : Perempuan

Quick Links:
[A small page](#)
[Copyrights](#)
[Image page](#)
[Image](#)

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