

VIRLIANA AR
L200180017
A

MODUL 5 **LATIHAN**

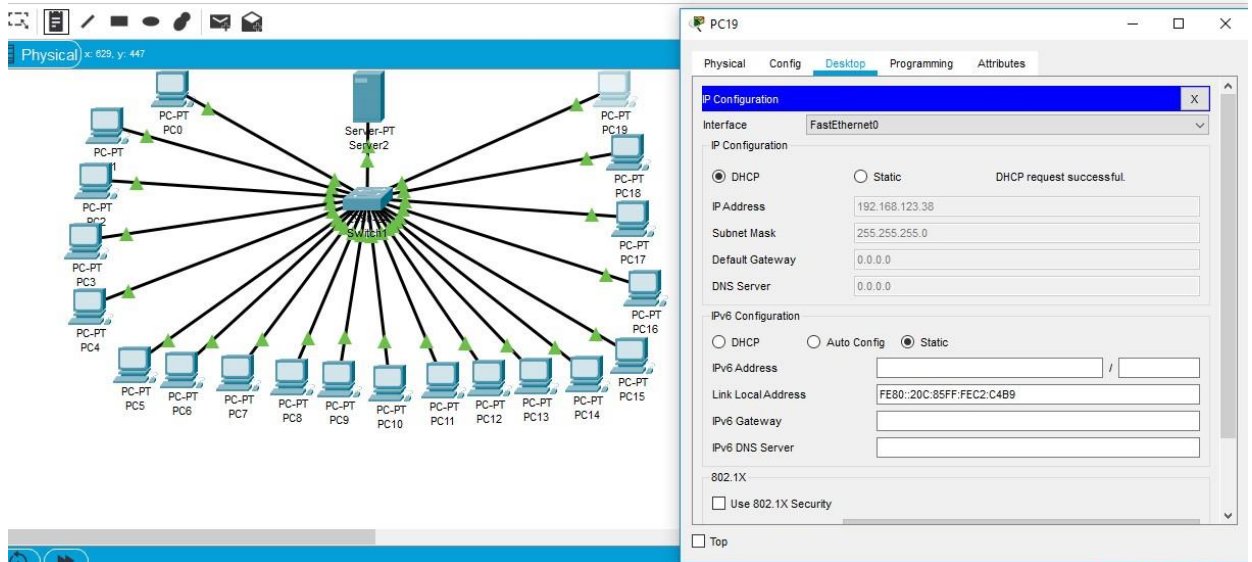
TUGAS

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

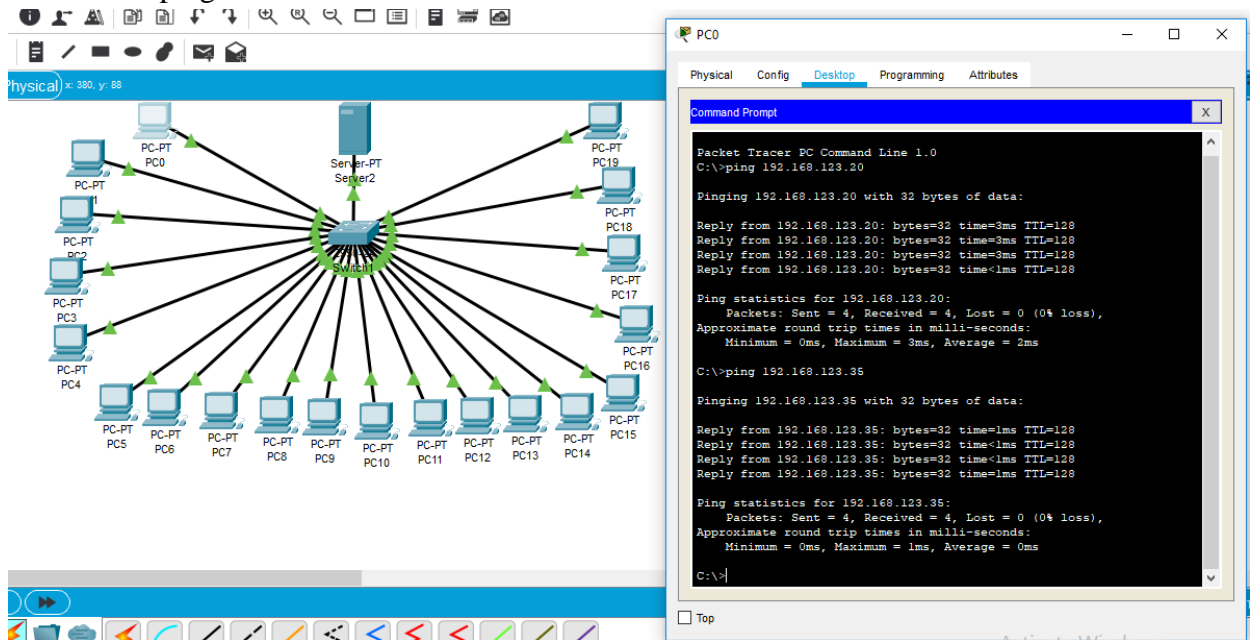
The image displays two screenshots from a network simulation environment, likely Packet Tracer, illustrating the setup of a DHCP server and its clients.

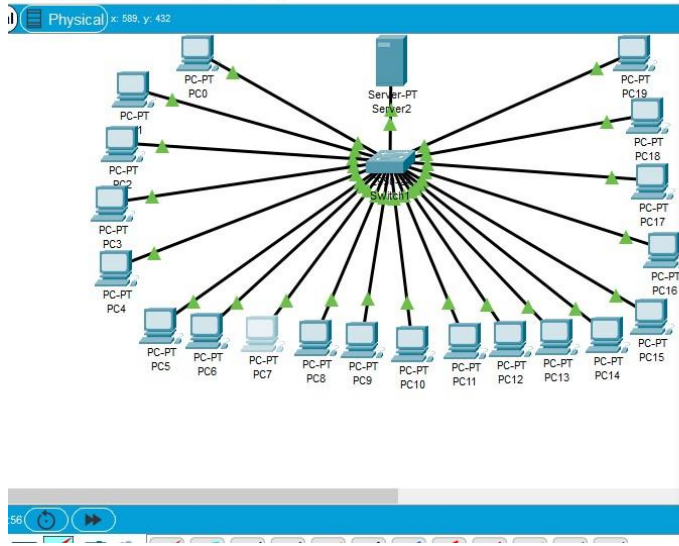
Top Screenshot: The main window shows a network topology with a central "Server-PT Server2" connected to a "Switch1". Twenty client PCs (PC0 to PC19) are connected to the switch. The "Physical" tab is selected, showing the physical connections. To the right, the "PC4" configuration window is open, showing the "Desktop" tab. The "IP Configuration" section is set to "DHCP", and the "DHCP request successful" message is displayed. 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", and the IPv6 Address is FE80::260:3EFF:FE49:2A37.

Bottom Screenshot: The main window shows the same network topology. To the right, the "PC9" configuration window is open, showing the "Desktop" tab. The "IP Configuration" section is set to "DHCP", and the "DHCP request successful" message is displayed. 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", and the IPv6 Address is FE80::2D0:97FF:FEA0:AC8C.



Melakukan ping secara acak





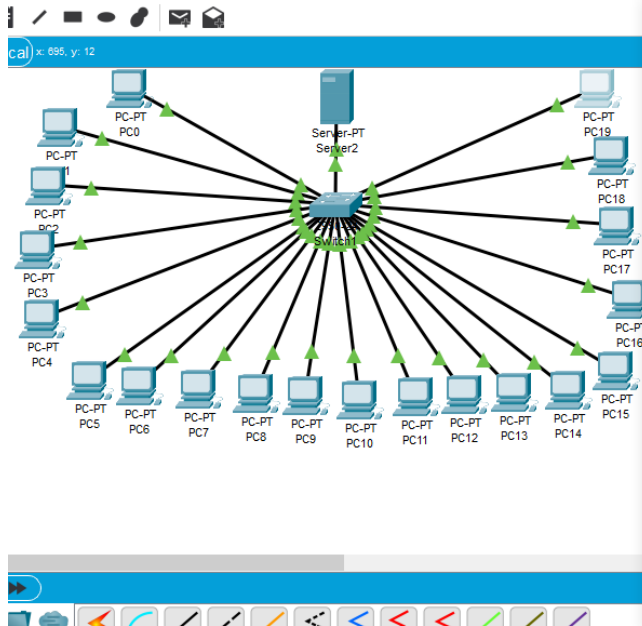
```
PC7
Physical Config Desktop Programming Attributes
Command Prompt
C:\>ping 192.168.123.23
Pinging 192.168.123.23 with 32 bytes of data:
Reply from 192.168.123.23: bytes=32 time=1ms TTL=128
Reply from 192.168.123.23: bytes=32 time=3ms TTL=128
Reply from 192.168.123.23: bytes=32 time<1ms TTL=128
Reply from 192.168.123.23: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.23:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>ping 192.168.123.38
Pinging 192.168.123.38 with 32 bytes of data:
Reply from 192.168.123.38: bytes=32 time=1ms TTL=128
Reply from 192.168.123.38: bytes=32 time<1ms TTL=128
Reply from 192.168.123.38: bytes=32 time<1ms TTL=128
Reply from 192.168.123.38: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.123.38:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>
```



```
PC19
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
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

Ping statistics for 192.168.123.32:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.123.19
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:\>
```

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

The image displays two screenshots from the Cisco Packet Tracer application. The top screenshot shows a network topology with a central switch (2950-24 Switch2) connected to a server (Server-PT Server1) and four PCs (PC-PT PC4, PC-PT PC5, PC-PT PC6, PC-PT PC7). The bottom screenshot shows the configuration of a web browser on PC4.

Top Screenshot: Server1 Configuration

The **Services** tab is selected. The **File Name** is `index.html`. The **HTML** content is as follows:

```
<html>
<center><font size="+2" color="blue">Cisco Packet Tracer</font></center>
<hr>Welcome to my Paradise
<hr>
<br> Nama      : ISMI DZIKRINA
<br> NIM       : L200180010
<br> Alamat    : Sukoharjo
<br> Jurusan   : Informatika
<br> Jenis     : Regular
<br> Jenis Kelamin : Perempuan
<br>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>
```

Bottom Screenshot: PC4 Configuration

The **Desktop** tab is selected. The **Web Browser** is open. The **URL** is `http://192.168.123.1`. The content displayed is:

Cisco Packet Tracer

Welcome to my Paradise

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

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