

Praktikum Jaringan Komputer Modul 5

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Kelas : A

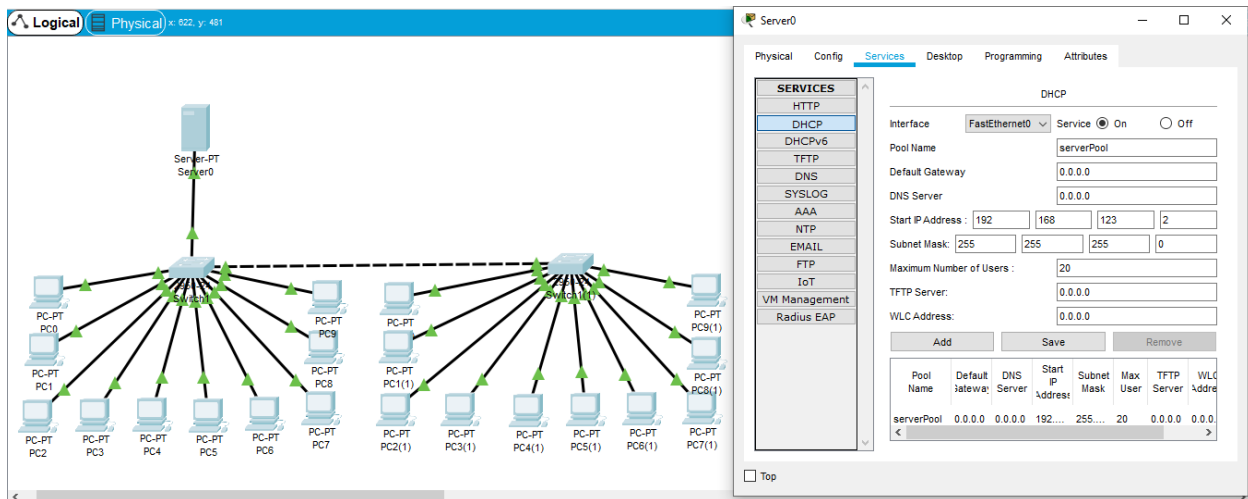
TUGAS

A. DHCP Server

Server = 192.168.123.1/24
DHCP = ON
Start IP = 192.168.123.2
User Max = 5
Range IP = 192.168.123.2– 192.168.123.21

Topologi

- Saya melakukan Trunking pada topologi ini
- Konfigurasi DHCP



IP Pertama

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.2

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::290:2BFF:FED8:9D57

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Top

IP Terakhir

PC0(1)

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.21

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::20A:F3FF:FEB9:C404

IPv6 Gateway

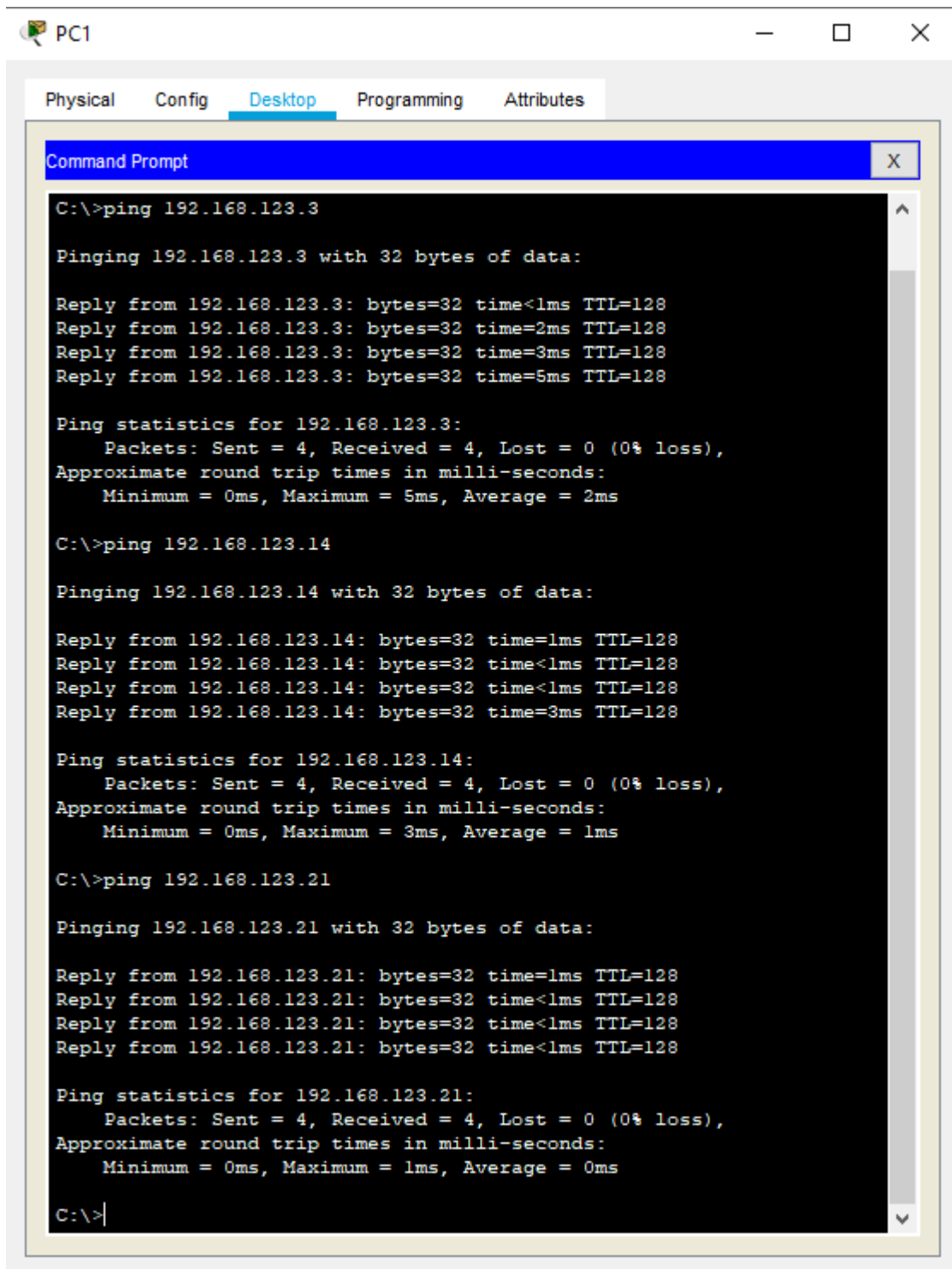
IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Top

PING PC



The screenshot shows a window titled "PC1" with a tabbed interface. The "Desktop" tab is active, displaying a "Command Prompt" window. The Command Prompt shows the execution of three ping commands from the C:\ directory. Each command is followed by a series of four replies and a summary of ping statistics. The first command is for 192.168.123.3, the second for 192.168.123.14, and the third for 192.168.123.21. All three destinations show 0% packet loss and successful replies.

```
C:\>ping 192.168.123.3

Pinging 192.168.123.3 with 32 bytes of data:

Reply from 192.168.123.3: bytes=32 time<1ms TTL=128
Reply from 192.168.123.3: bytes=32 time=2ms TTL=128
Reply from 192.168.123.3: bytes=32 time=3ms TTL=128
Reply from 192.168.123.3: bytes=32 time=5ms TTL=128

Ping statistics for 192.168.123.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 5ms, Average = 2ms

C:\>ping 192.168.123.14

Pinging 192.168.123.14 with 32 bytes of data:

Reply from 192.168.123.14: bytes=32 time=1ms TTL=128
Reply from 192.168.123.14: bytes=32 time<1ms TTL=128
Reply from 192.168.123.14: bytes=32 time<1ms TTL=128
Reply from 192.168.123.14: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.123.14:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>ping 192.168.123.21

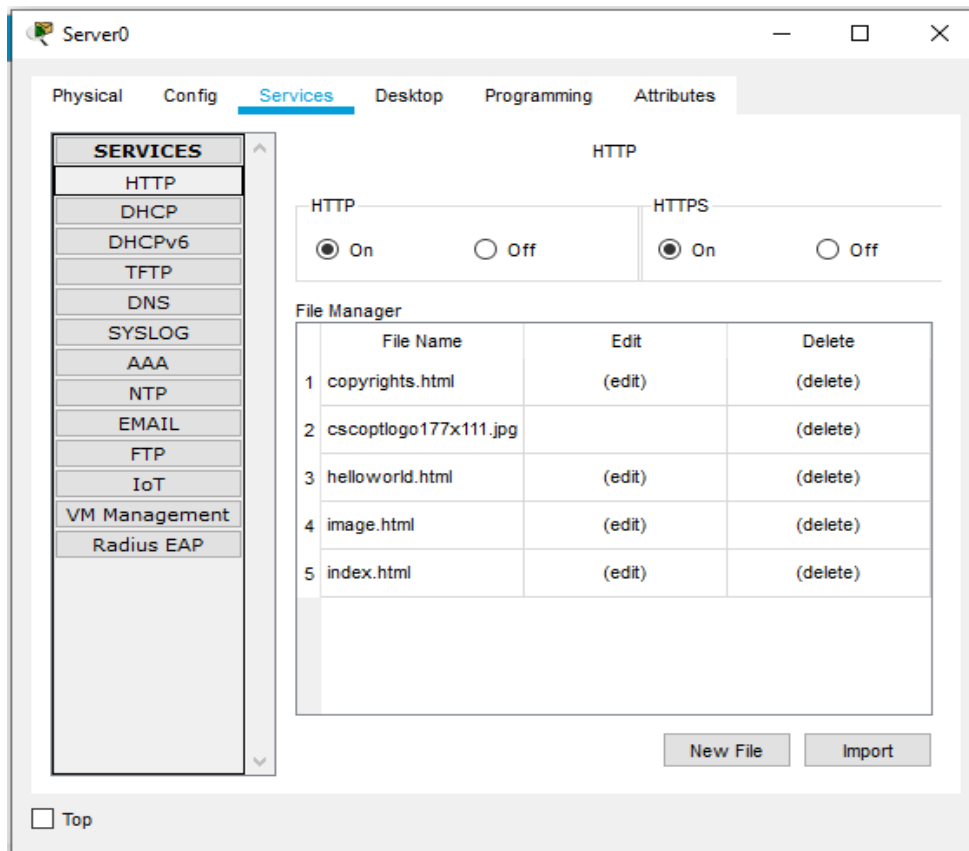
Pinging 192.168.123.21 with 32 bytes of data:

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

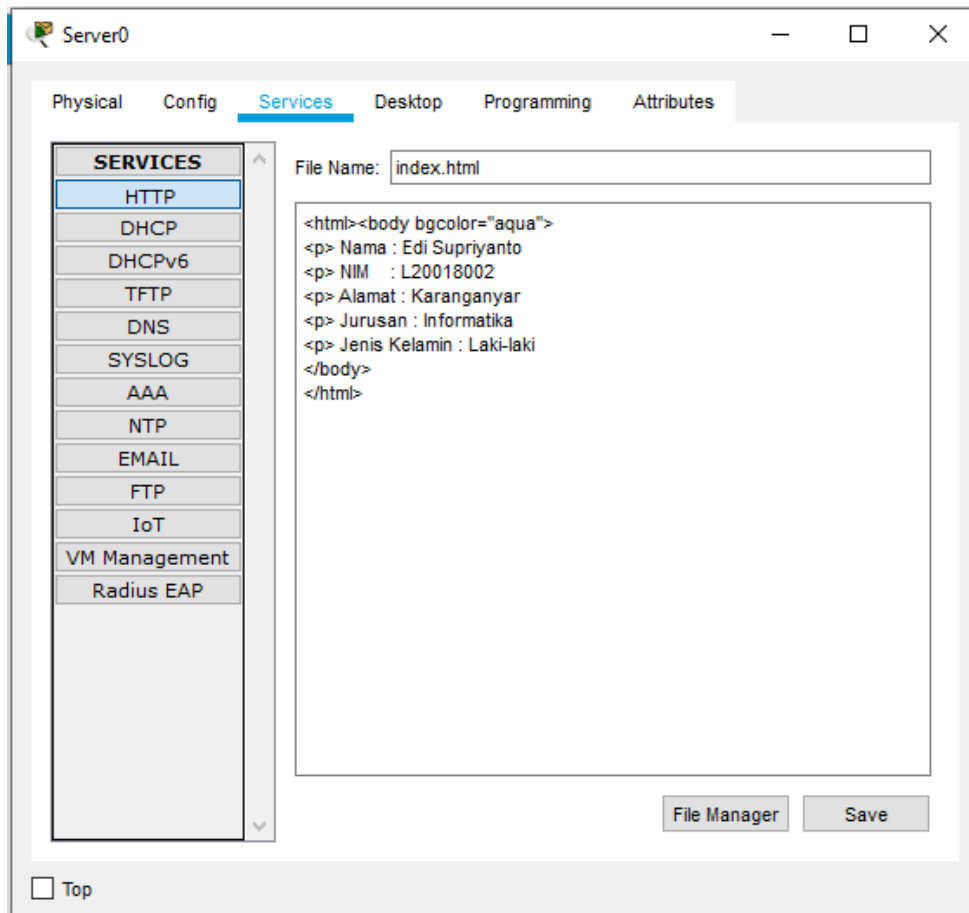
Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>|
```

WEB Server



Edit File index.html



Hasil WEB Server

Buka Desktop>web browser>ketikkan “192.168.123.1” pada URL> enter/Klik Go

The image displays two screenshots of a network simulation environment, likely Packet Tracer, showing a web browser on a PC connected to a server.

Top Screenshot:

- The network diagram shows a central server labeled "Server-PT Server0" connected to two switches, "S1" and "S2".
- Switch "S1" is connected to a group of PCs labeled "PC0" through "PC8".
- Switch "S2" is connected to a group of PCs labeled "PC1(1)" through "PC8(1)".
- A red circle highlights PC0 on the left switch.
- The "Web Browser" window on PC0 shows the URL "http://192.168.123.1" and the following information:
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NIM : L20018002
Alamat : Karanganyar
Jurusan : Informatika
Jenis Kelamin : Laki-laki

Bottom Screenshot:

- The network diagram is identical to the top one, but the red circle now highlights PC1(1) on the right switch.
- The "Web Browser" window on PC1(1) shows the same URL and information as the top screenshot.