

L200160067

Alfarez Syahputra Kuri

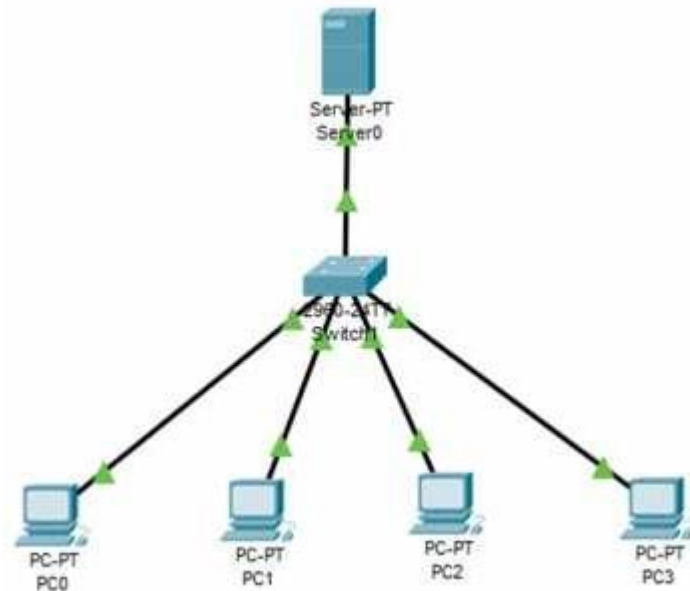
A

Modul 5

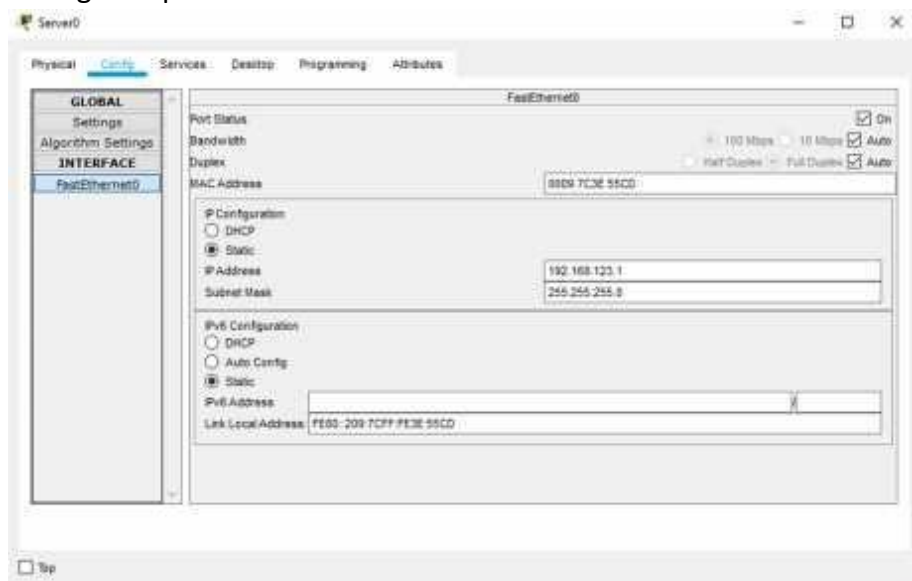
D. Kegiatan Praktikum

1. Praktikum 1 Membuat DHCP Server

Membuat rangkaian DHCP Server



Konfigurasi pada server



Server0

Physical Config **Services** Desktop Programming Attributes

SERVICES

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

DHCP

Interface: FastEthernet0/24 Service ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Start IP Address: 192.168.123.19

Subnet Mask: 255.255.255.0

Maximum Number of Users: 5

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	0.0.0.0	0.0.0.0	192.168.123.19	255.255.255.0	5	0.0.0.0	0.0.0.0

Top

Konfigurasi IP Address pada masing-masing PC

PC0

Physical Config **Devices** Programming Attributes

☒ DHCP ☐ Static

IP Address: 192.168.123.19

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Pv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

Pv6 Address:

Link Local Address: FE80::201:43FF:FE22:2674

Pv6 Gateway:

Pv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: RADIUS

Username:

Password:

Top

PC1

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static

IP Address: 192.168.123.20
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: FE80:238:A3FF:FE7B:C58C
IPv6 Gateway:
IPv6 DNS Server:
802.1X
☐ Use 802.1X Security
Authentication: 802.1X
Username:
Password:
[Top](#)

PC2

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static

IP Address: 192.168.123.20
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: FE80:202:E4FF:FE3B:1E0A
IPv6 Gateway:
IPv6 DNS Server:
802.1X
☐ Use 802.1X Security
Authentication: 802.1X
Username:
Password:
[Top](#)

PC3

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static

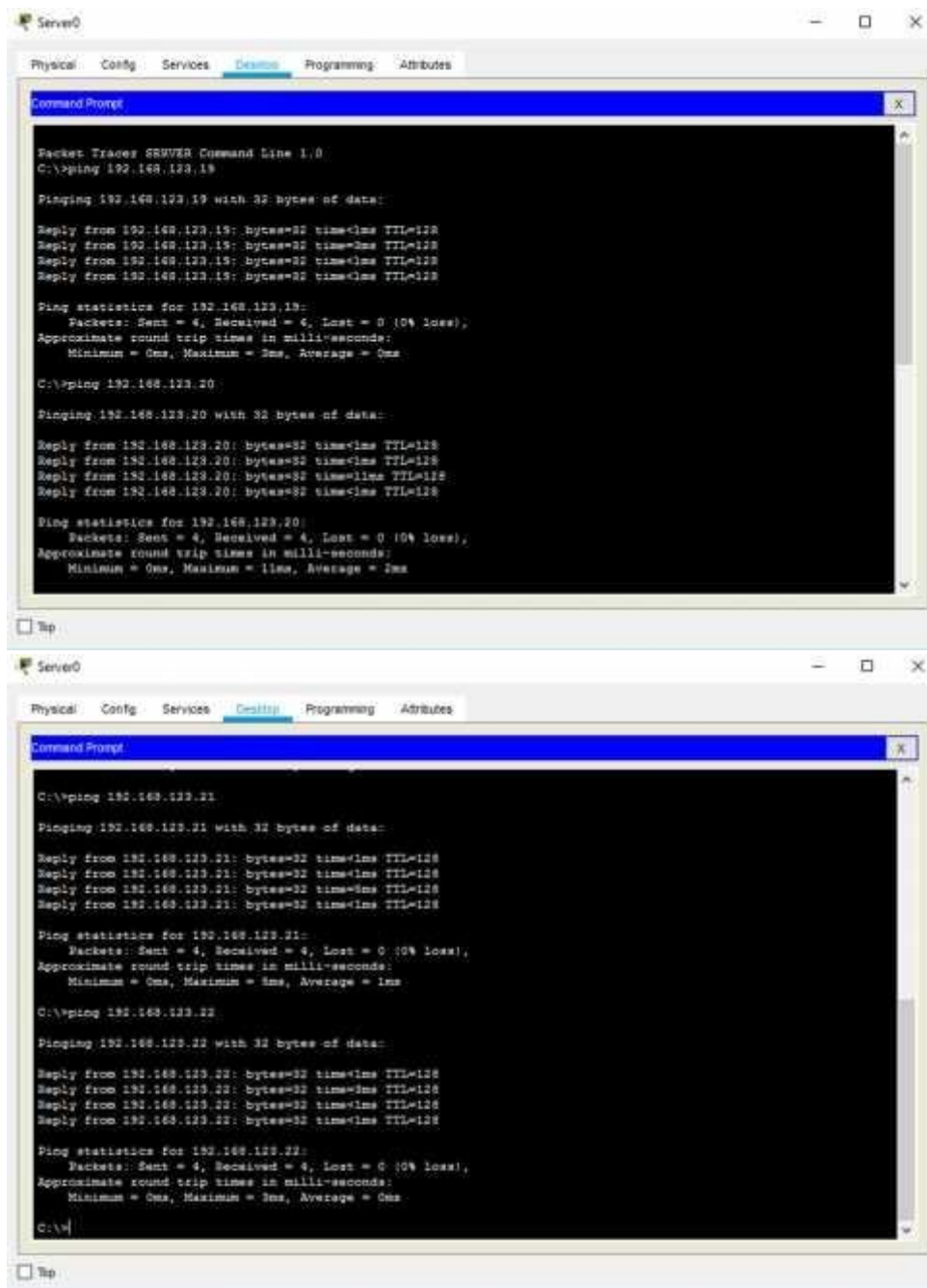
IP Address: 192.168.123.21
Subnet Mask: 255.255.255.0
Default Gateway: 0.0.0.0
DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address:
Link Local Address: FE80:2E0:F7FF:FE2B:5B3C
IPv6 Gateway:
IPv6 DNS Server:
802.1X
☐ Use 802.1X Security
Authentication: 802.1X
Username:
Password:
[Top](#)

Ping ke semua PC yang terhubung dengan server



The image displays two screenshots of a Packet Tracer Command Prompt window, showing the results of ping commands executed from a server to various IP addresses. The window is titled "Server0" and has tabs for Physical, Config, Services, Desktop, Programming, and Attributes. The Command Prompt shows the following output:

```
Packet Tracer SERVER Command Line 1.0
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 = 3ms, Average = 0ms

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=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms 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 = 1ms, 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 = 3ms, Average = 1ms

C:\>ping 192.168.123.22

Pinging 192.168.123.22 with 32 bytes of data:

Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128

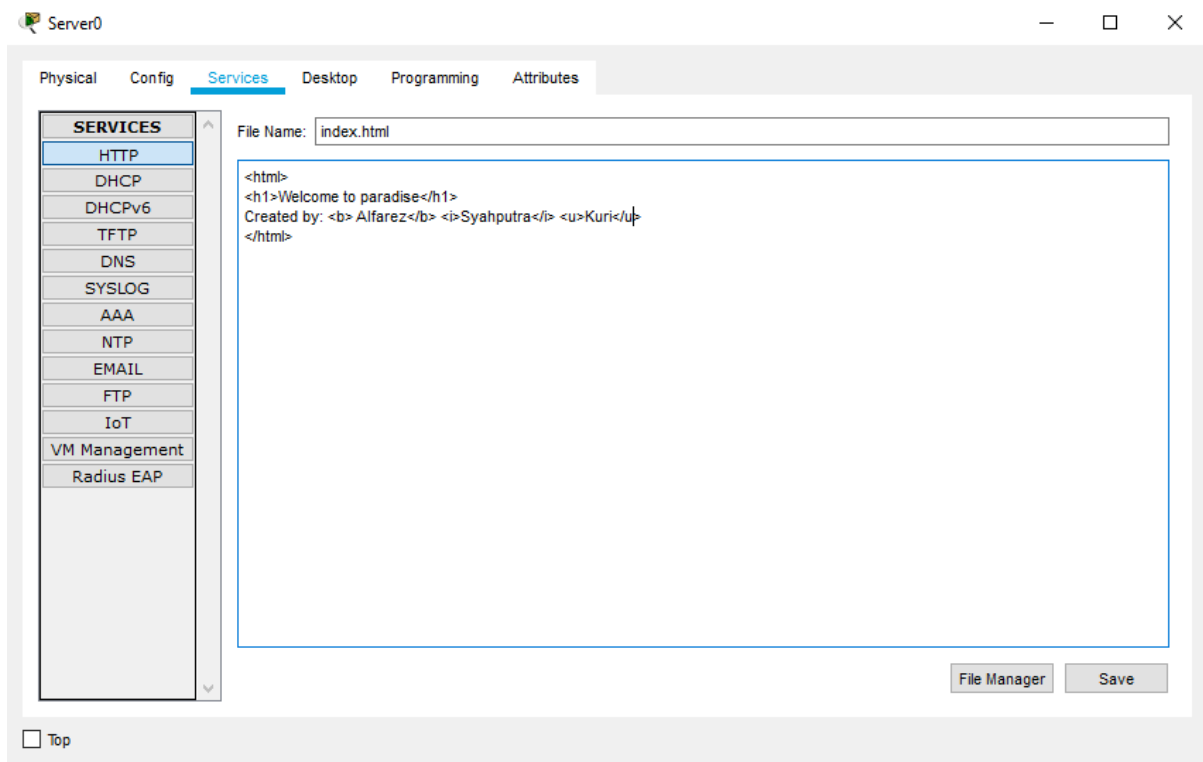
Ping statistics for 192.168.123.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 0ms

C:\>
```

2.Praktikum 2 Membuat WEB Server

Membuat rancangan DHCP Server

Setelah Melakukan Praktikum Pertama Selanjutnya Mengkonfigurasi Script HTML pada server0



Kemudian melakukan browsing di Pc0

