

NAMA : MU'TAZ AL FARISI

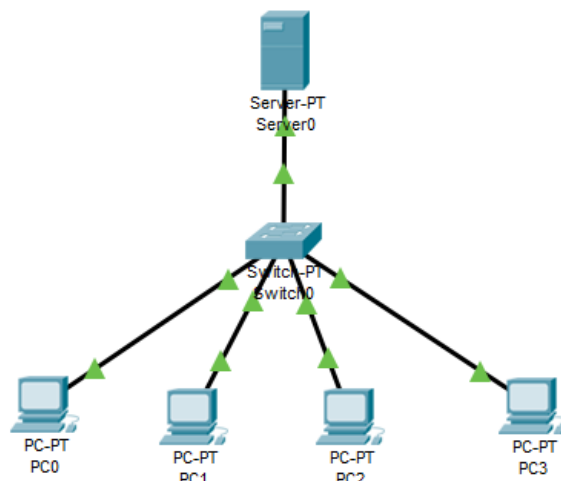
NIM : L200180152

KELAS : C

PRAKTIKUM JARKOM MODUL 5

Kegiatan 1

1. Membuat rangkaian



2. Atur ip address server

a.

Server0

Physical **Config** Services Desktop Programming Attributes

GLOBAL

- Settings
- Algorithm Settings
- INTERFACE**
- FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.C90D.644D

IP Configuration

- ☐ DHCP
- ☒ Static

IP Address 192.168.123.1

Subnet Mask 255.255.255.0

IPv6 Configuration

- ☐ DHCP
- ☐ Auto Config
- ☒ Static

IPv6 Address

Link Local Address: FE80::201:C9FF:FE0D:644D

☐ Top

b.

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 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 192.168.123.1

DNS Server: 0.0.0.0

Start IP Address: 192.168.123.192 Subnet Mask: 255.255.255.0

Maximum Number of Users: 237

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	192.168.123.1	0.0.0.0	192.168.123.19	255.255.255.0	237	0.0.0.0	0.0.0.0

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☐ Top

c.

PC0

Physical Config **Desktop** Programming

☒ DHCP ☐ Static

IP Address: 192.168.123.19

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.123.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: FE80::260:2FFF

Link Local Address: FE80::260:2FFF

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MDS

Username:

Password:

☐ Top

PC1

Physical Config **Desktop** Programming

☒ DHCP ☐ Static

IP Address: 192.168.123.20

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.123.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address:

Link Local Address: FE80::202:17

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MDS

Username:

Password:

☐ Top

PC2

Physical Config **Desktop** Programming

☒ DHCP ☐ Static

IP Address: 192.168.123.21

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.123.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address:

Link Local Address: FE80::201:C5

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MDS

Username:

Password:

☐ Top

PC3

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static

IP Address: 192.168.123.22

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.123.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address:

Link Local Address: FE80::207:ECFF:FE35:DCCE

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MDS

Username:

Password:

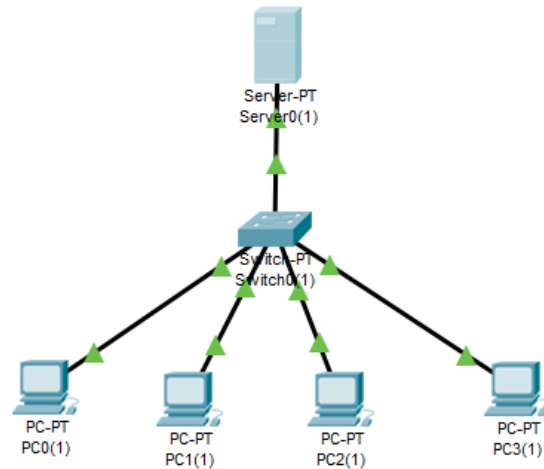
☐ Top

d. cek

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Et
	Successful	PC0	PC1	ICMP		0.000	N	0	(€
	Successful	PC1	PC2	ICMP		0.000	N	1	(€
	Successful	PC2	PC3	ICMP		0.000	N	2	(€

Kegiatan 2

1. Rangkai pc



2. Atur server

Server0(1)

Physical Config Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0004.9A44.94A7

IP Configuration

☐ DHCP

☒ Static

IP Address 192.168.1.2

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

Server0(1)

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 192.168.1.1

DNS Server 192.168.1.2

Start IP Address : 192 168 1 50

Subnet Mask : 255 255 255 0

Maximum Number of Users : 237

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	192.168.123.1	0.0.0.0	192.168.1.0	255.255.255.0	237	0.0.0.0	0.0.0.0

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☐ Top

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

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type **A Record**

Address

Add **Save** **Remove**

No.	Name	Type	Detail
0	kegiatan2.com	A Record	192.168.1.2

PC0(1)

Physical Config **Desktop** Programming

DHCP ☒ Static ☐
 IP Address 192.168.1.50
 Subnet Mask 255.255.255.0
 Default Gateway 192.168.1.1
 DNS Server 192.168.1.2
 IPv6 Configuration
 DHCP ☐ Auto Config ☐ Static ☒
 IPv6 Address
 Link Local Address FE80::202:17
 IPv6 Gateway
 IPv6 DNS Server
 802.1X
☐ Use 802.1X Security
 Authentication MDS
 Username
 Password
☐ Top

PC1(1)

Physical Config **Desktop** Programming

DHCP ☒ Static ☐
 IP Address 192.168.1.51
 Subnet Mask 255.255.255.0
 Default Gateway 192.168.1.1
 DNS Server 192.168.1.2
 IPv6 Configuration
 DHCP ☐ Auto Config ☐ Static ☒
 IPv6 Address
 Link Local Address FE80::2E0:F9F
 IPv6 Gateway
 IPv6 DNS Server
 802.1X
☐ Use 802.1X Security
 Authentication MDS
 Username
 Password
☐ Top

PC2(1)

Physical Config **Desktop** Programming

DHCP ☒ Static ☐
 IP Address 192.168.1.52
 Subnet Mask 255.255.255.0
 Default Gateway 192.168.1.1
 DNS Server 192.168.1.2
 IPv6 Configuration
 DHCP ☐ Auto Config ☐ Static ☒
 IPv6 Address
 Link Local Address FE80::2E0:B0FF
 IPv6 Gateway
 IPv6 DNS Server
 802.1X
☐ Use 802.1X Security
 Authentication MDS
 Username
 Password
☐ Top

PC3(1)

Physical Config **Desktop** Programming Attributes

DHCP ☒ Static ☐ DHCP request successful.
 IP Address 192.168.1.53
 Subnet Mask 255.255.255.0
 Default Gateway 192.168.1.1
 DNS Server 192.168.1.2
 IPv6 Configuration
 DHCP ☐ Auto Config ☐ Static ☒
 IPv6 Address /
 Link Local Address FE80::250:FFF:FE44:2045
 IPv6 Gateway
 IPv6 DNS Server
 802.1X
☐ Use 802.1X Security
 Authentication MDS
 Username
 Password
☐ Top

Melakukan Browsing HTTP

PC0(1)

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL Go Stop

Cisco Packet Tracer

Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.

Quick Links:

[A small page](#)

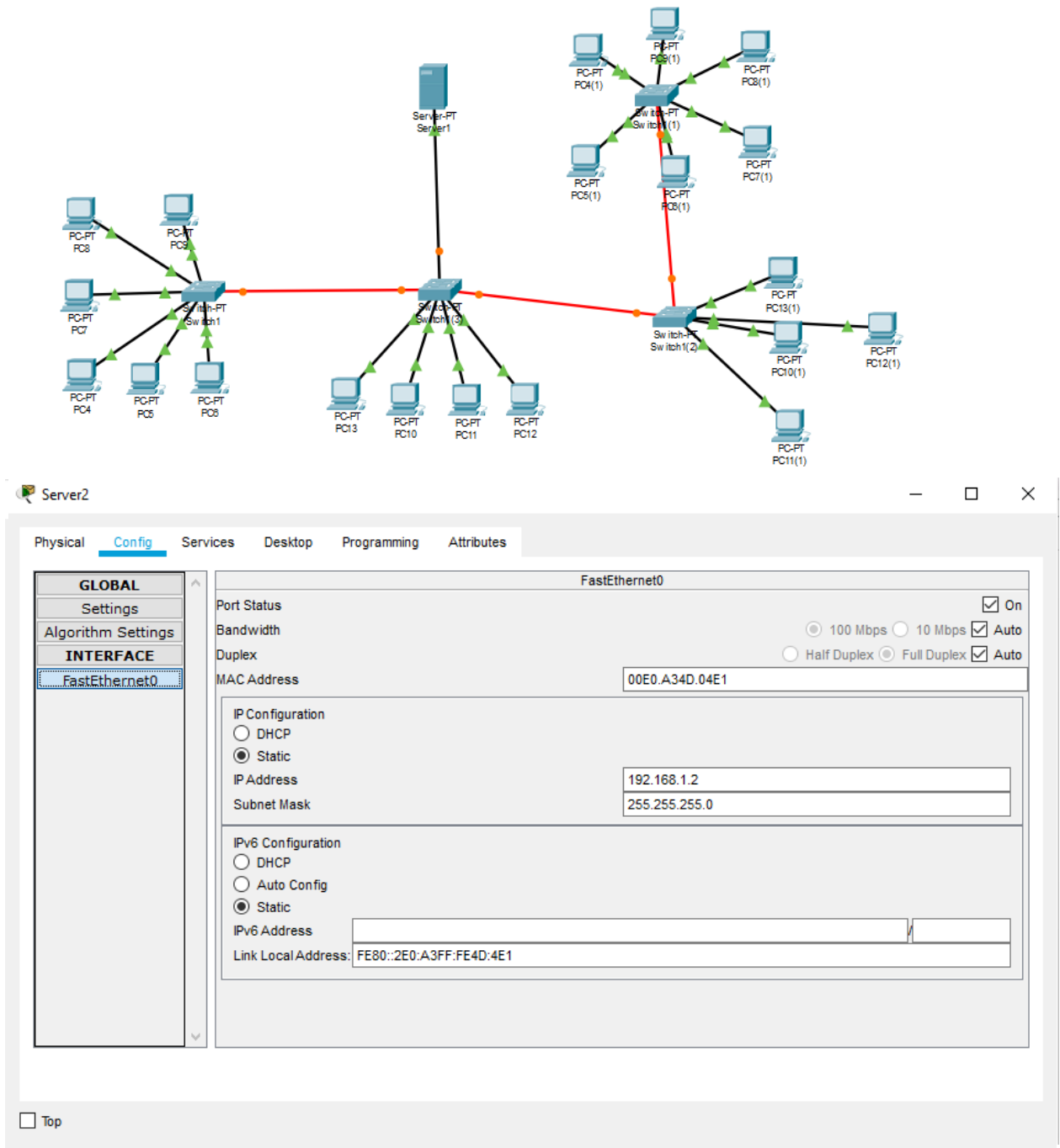
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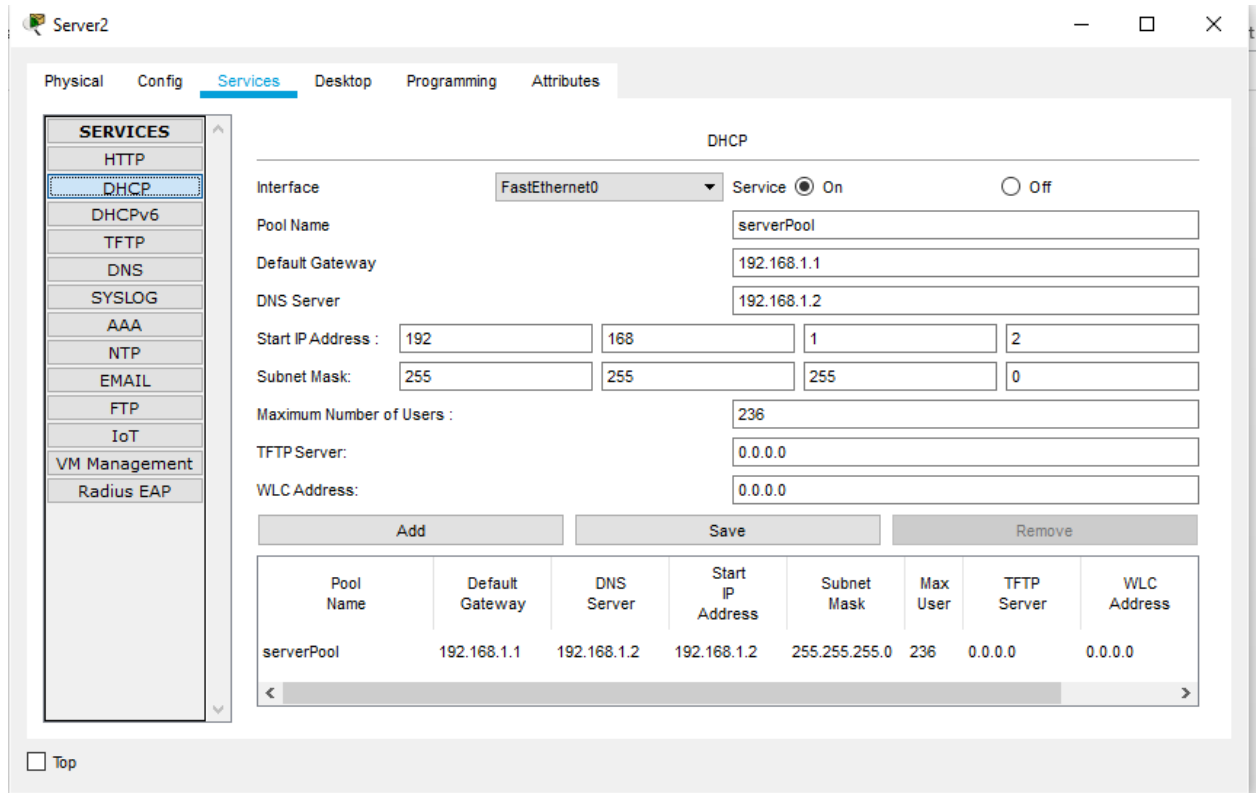
[Image page](#)

[Image](#)

TUGAS

1. Buatlah DHCP server dengan paket tracer dengan client terdiri dari 20 PC





2. Buatlah web server pada packet tracer. Dengan mengubah tampilan web tersebut dengan isi
 - a. Nama
 - b. NIM
 - c. Alamat
 - d. Jurusan
 - e. Jenis
 - f. Jenis Kelamin

