

# LAPORAN PRAKTIKUM

## JARINGAN KOMPUTER

### MODUL 5

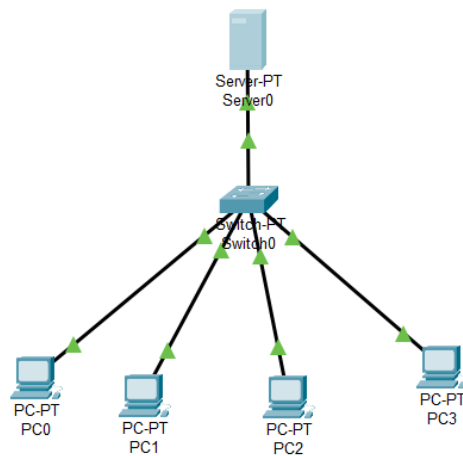
Nama : Afrialdy Asyura Buana

NIM : L200180175

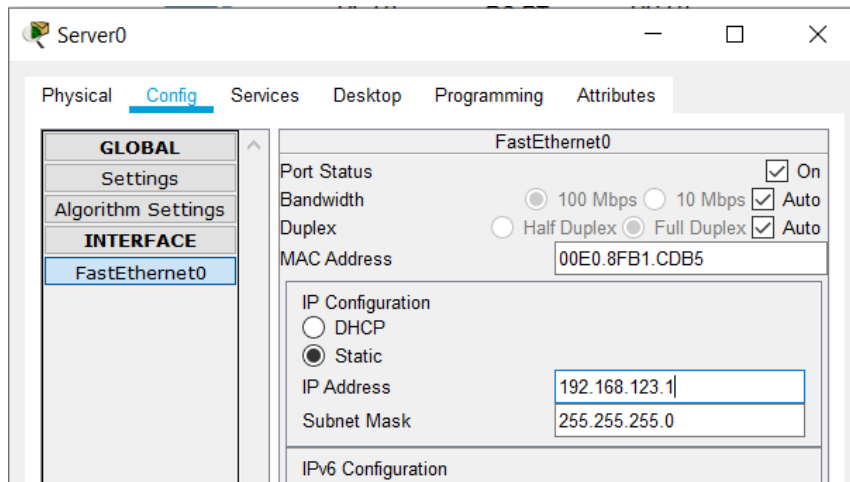
Kelas : D

#### Praktikum 1 Membuat DHCP server

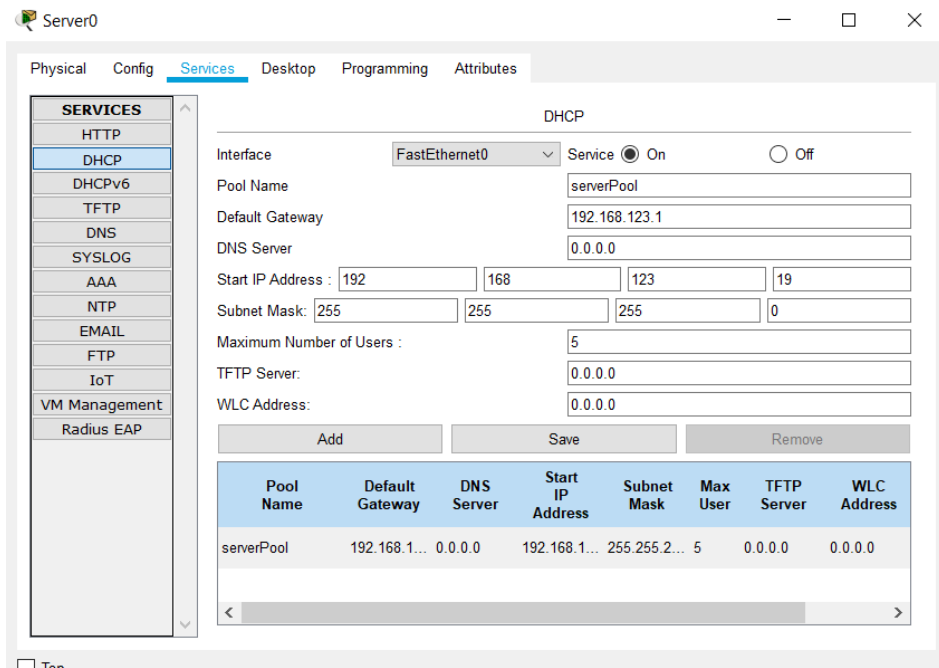
##### 1. Rancangan jaringan



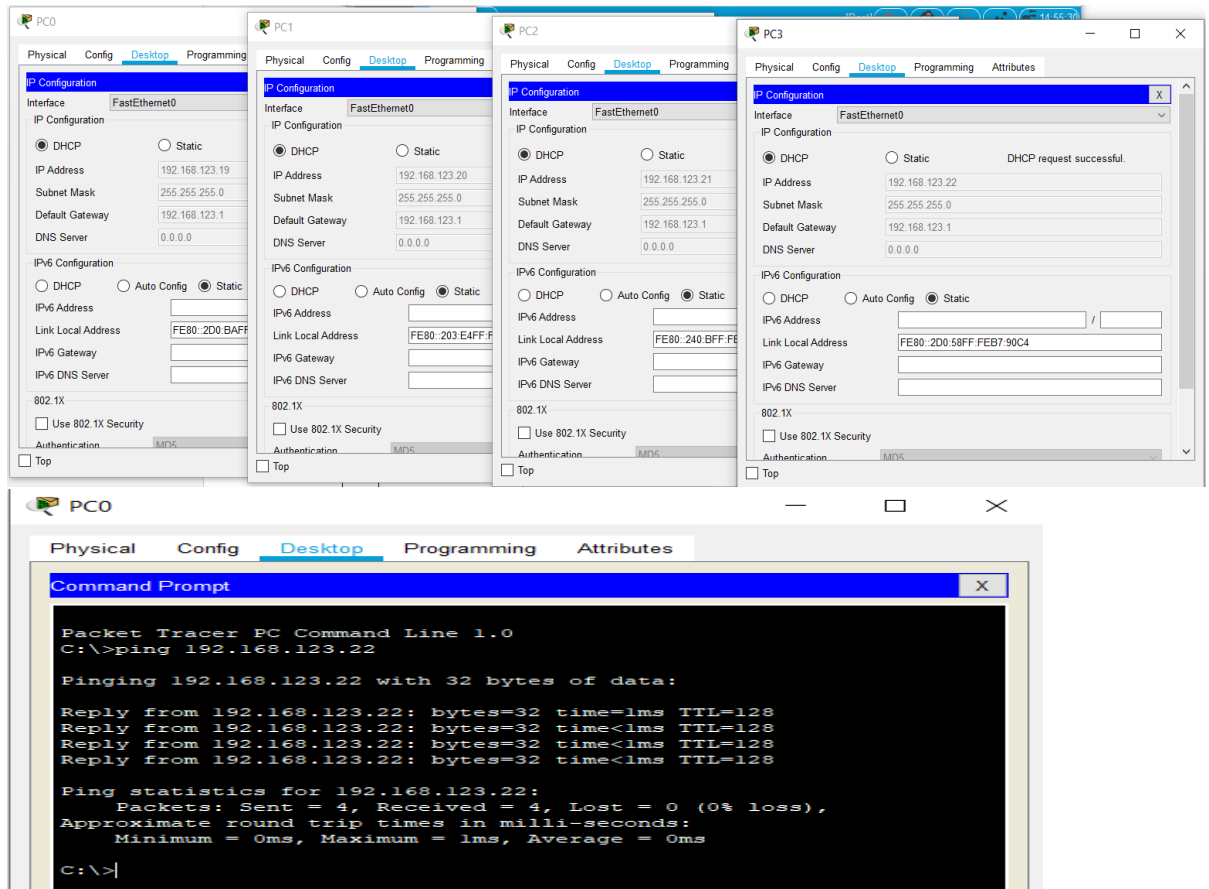
##### 2. Mengatur IP pada server menjadi 192.168.123.1 dan subnet mask 255.255.255.0



- Masuk ke menu service, pilih DHCP pastikan on lalu mengisi IP address, start IP : 192.168.123.19, max user : 5

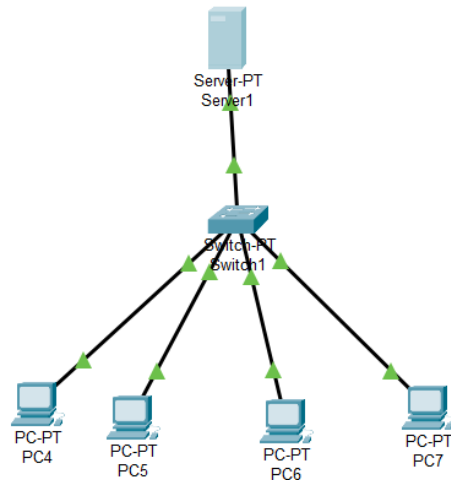


- masuk ke menu Desktop pada PC, pilih ip configuration ,radio button pilih DHCP, lalu ping

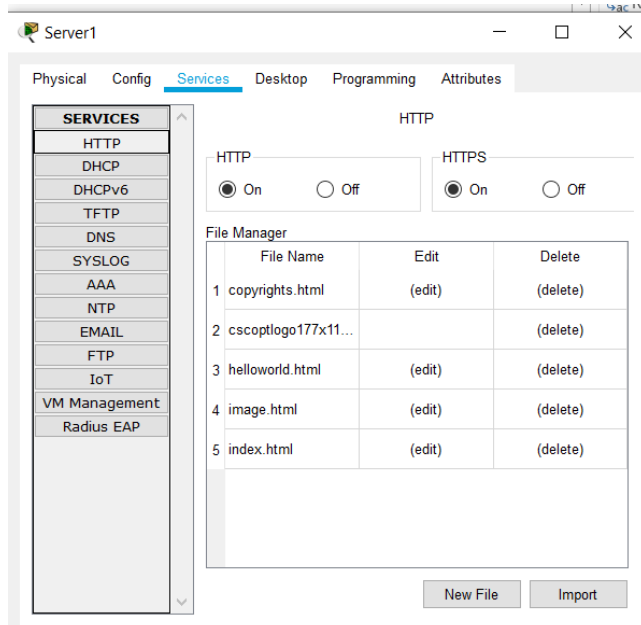


## Praktikum 2 membuat web server

1. membuat rancangan jaringan, melakukan konfigurasi pc dan server



2. masuk ke menu services dan pilih HTTP, radio button dalam posisi ON,



3. lalu pilih DNS, radio button dalam posisi ON, lalu add DNS dengan nama praktikum2.com dan address 192.168.1.2

The screenshot shows the 'Server1' configuration window with the 'Services' tab selected. In the left sidebar, 'DNS' is highlighted under the 'SERVICES' section. The main area is titled 'DNS' and shows 'DNS Service' as 'On'. Under 'Resource Records', there is a table with one entry:

No.	Name	Type	Detail
0	praktikum2.com	A Record	192.168.1.2

Below the table is a 'DNS Cache' button. At the bottom left, there is a 'Top' button.

4. lalu pilih DHCP, radio button dalam posisi ON, atur default gateway, dns server, start ip address

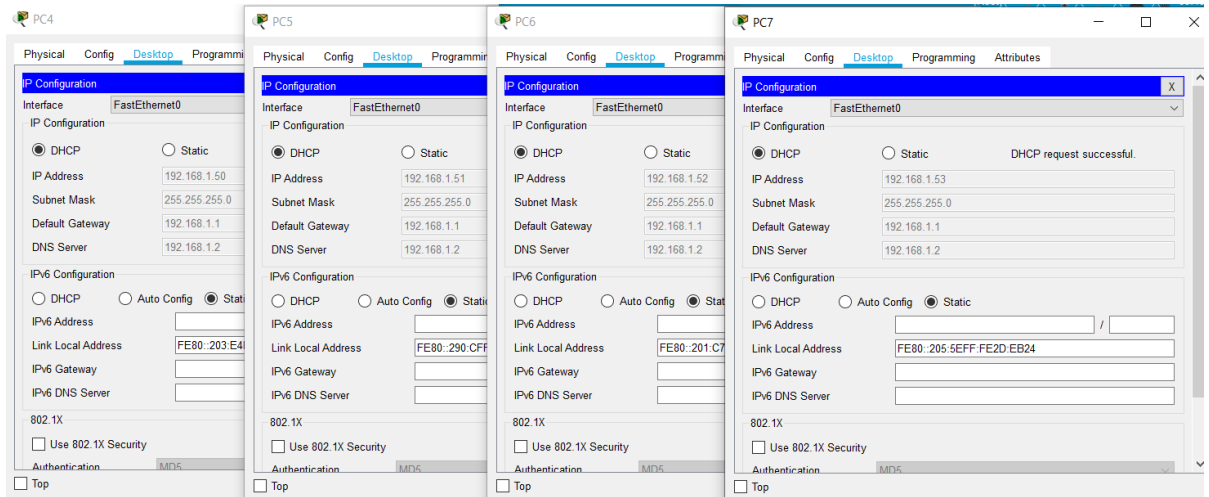
The screenshot shows the 'Server1' configuration window with the 'Services' tab selected. In the left sidebar, 'DHCP' is highlighted under the 'SERVICES' section. The main area is titled 'DHCP' and shows 'Service' as 'On'. The configuration includes the following fields:

- Interface: FastEthernet0
- 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: 206
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

Below these fields is a table with the following data:

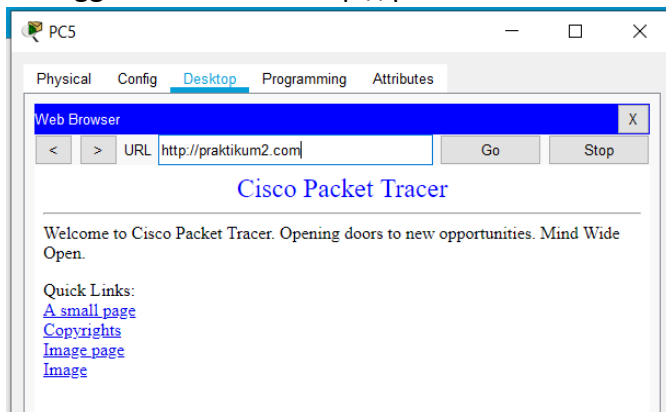
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.16...	192.16...	192.16...	255.25...	206	0.0.0.0	0.0.0.0

5. masuk ke menu Desktop pada PC, pilih ip configuration ,radio button pilih DHCP

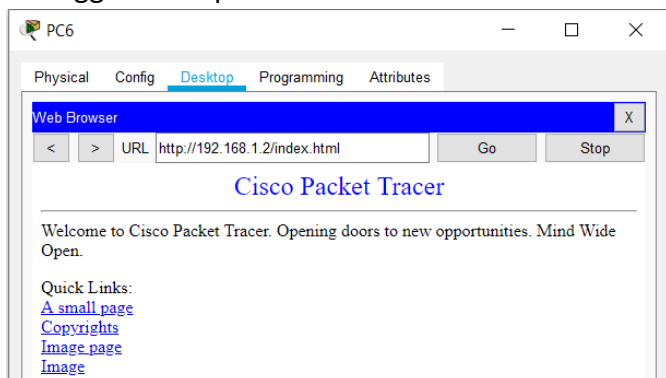


6. melakukan browsing

-menggunakan alamat <http://praktikum2.com>

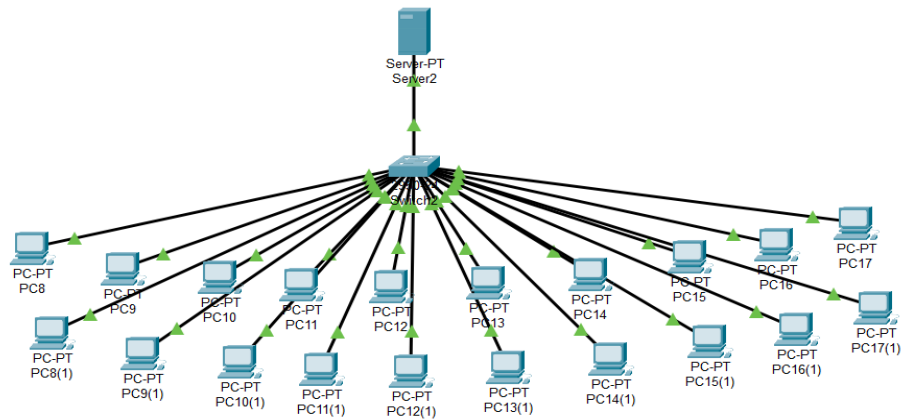


-menggunakan ip address



## Tugas

### Rancangan jaringan



1. membuat DHCP server dengan packet tracer dengan client terdiri dari 20 pc

Server2

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: 192.168.123.2

Start IP Address: 192 168 123 19

Subnet Mask: 255 255 255 0

Maximum Number of Users: 20

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	192.168.123.2	192.168.123.19	255.255.255.0	20	0.0.0.0	0.0.0.0

Top

## 2. membuat web server pada packet tracer dan mengubah tampilan

