

Nama : Dandung Rahmatdhan

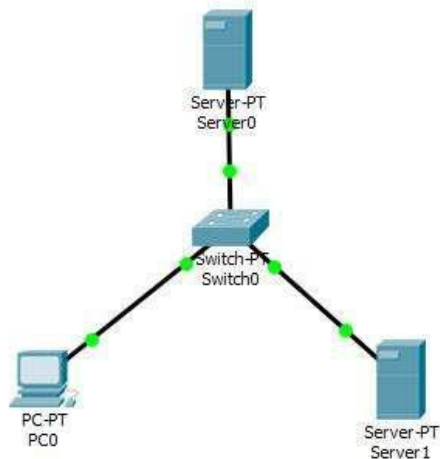
NIM : L200170098

Kelas : C

Modul : 10

## Kegiatan

### 1. Desain jaringan



### 2. Konfigurasi Server 0

The screenshot shows the 'Server0' configuration window with the 'Config' tab selected. The 'IP Configuration' section is expanded, showing the following settings:

| IP Configuration   |               |
|--|---------------|
| <input type="radio"/> DHCP <input checked="" type="radio"/> Static |               |
| IP Address   | 192.168.123.1 |
| Subnet Mask  | 255.255.255.0 |
| Default Gateway  | 0.0.0.0       |
| DNS Server   | 0.0.0.0       |

| IPv6 Configuration   |                          |
|--|--------------------------|
| <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static |                          |
| IPv6 Address   |                          |
| Link Local Address   | FE80::202:4AFF:FEB7:5A4B |
| IPv6 Gateway   |                          |
| IPv6 DNS Server  |                          |

At the bottom left, there is a checkbox labeled 'Top' which is currently unchecked.

### 3. Konfigurasi Server 1

The screenshot shows the 'Server1' configuration window with the 'Attributes' tab selected. The 'IP Configuration' sub-tab is active, displaying settings for both IPv4 and IPv6. The IPv4 section has 'Static' selected, with fields for IP Address (192.168.123.2), Subnet Mask (255.255.255.0), Default Gateway (0.0.0.0), and DNS Server (0.0.0.0). The IPv6 section has 'Static' selected, with fields for IPv6 Address (empty), Link Local Address (FE80::2E0:A3FF:FEAE:CE8), IPv6 Gateway (empty), and IPv6 DNS Server (empty). A 'Top' button is at the bottom left.

| IP Configuration   |               |
|--|---------------|
| <input type="radio"/> DHCP <input checked="" type="radio"/> 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   |                         |
|--|-------------------------|
| <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static |                         |
| IPv6 Address   | /                       |
| Link Local Address   | FE80::2E0:A3FF:FEAE:CE8 |
| IPv6 Gateway   |                         |
| IPv6 DNS Server  |                         |

☐ Top

### 4. Konfigurasi PC

The screenshot shows the 'PC0' configuration window with the 'Attributes' tab selected. The 'IP Configuration' sub-tab is active, displaying settings for both IPv4 and IPv6. The IPv4 section has 'Static' selected, with fields for IP Address (192.168.123.3), Subnet Mask (255.255.255.0), Default Gateway (0.0.0.0), and DNS Server (192.168.123.2). The IPv6 section has 'Static' selected, with fields for IPv6 Address (empty), Link Local Address (FE80::20A:41FF:FE3A:D127), IPv6 Gateway (empty), and IPv6 DNS Server (empty). A 'Top' button is at the bottom left.

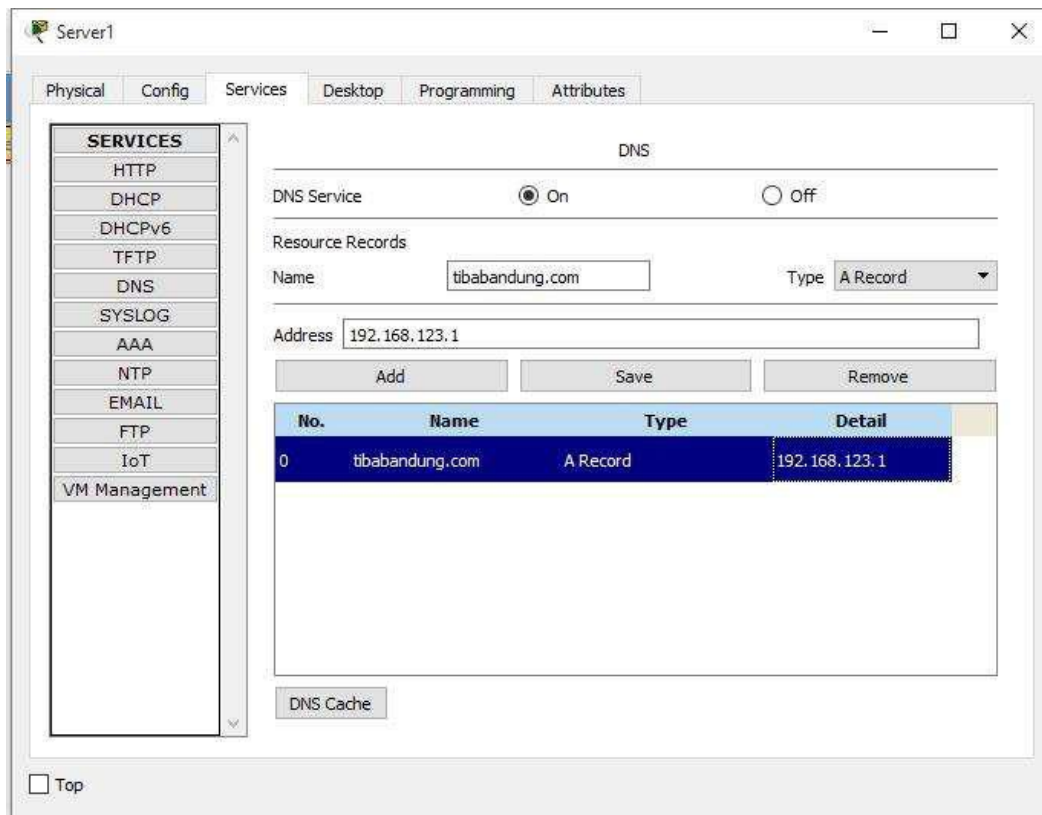
| IP Configuration   |               |
|--|---------------|
| <input type="radio"/> DHCP <input checked="" type="radio"/> Static |               |
| IP Address   | 192.168.123.3 |
| Subnet Mask  | 255.255.255.0 |
| Default Gateway  | 0.0.0.0       |
| DNS Server   | 192.168.123.2 |

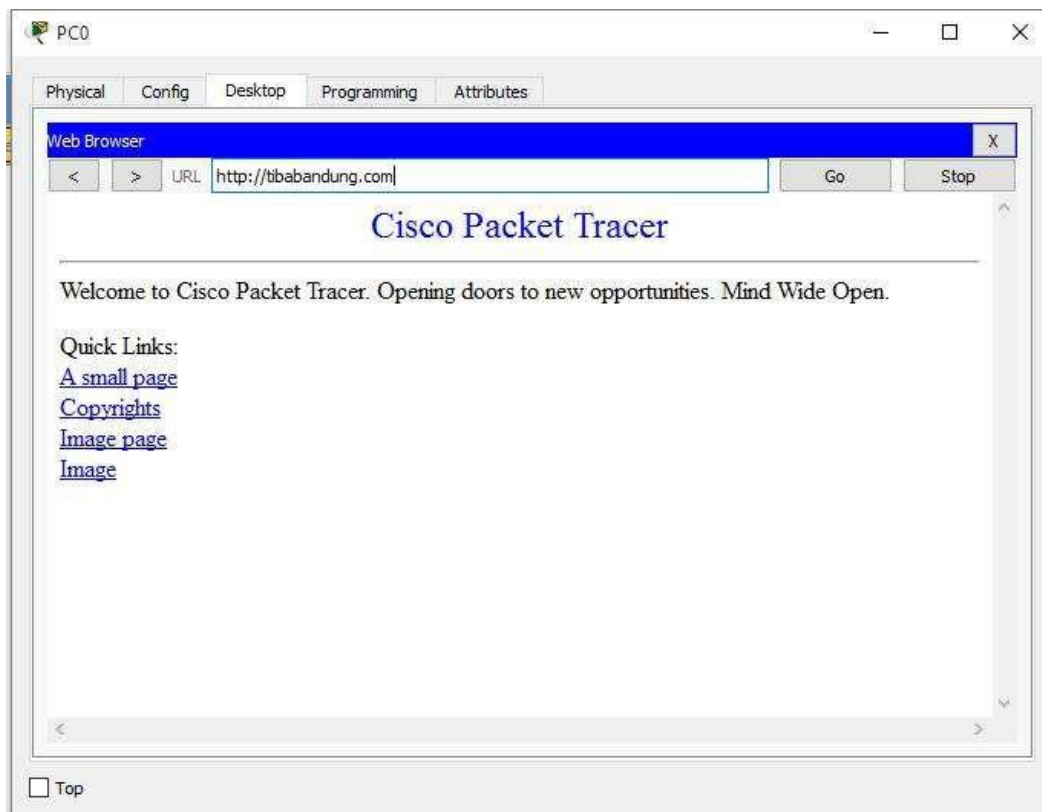
| IPv6 Configuration   |                          |
|--|--------------------------|
| <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static |                          |
| IPv6 Address   | /                        |
| Link Local Address   | FE80::20A:41FF:FE3A:D127 |
| IPv6 Gateway   |                          |
| IPv6 DNS Server  |                          |

☐ Top

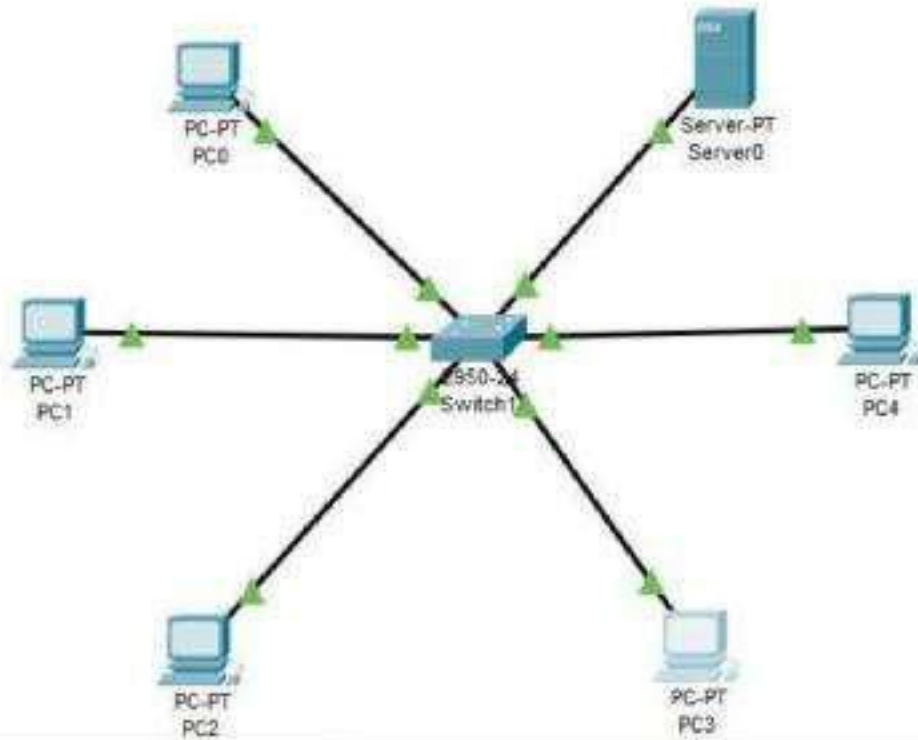
## 5. Konfigurasi DNS Server 1



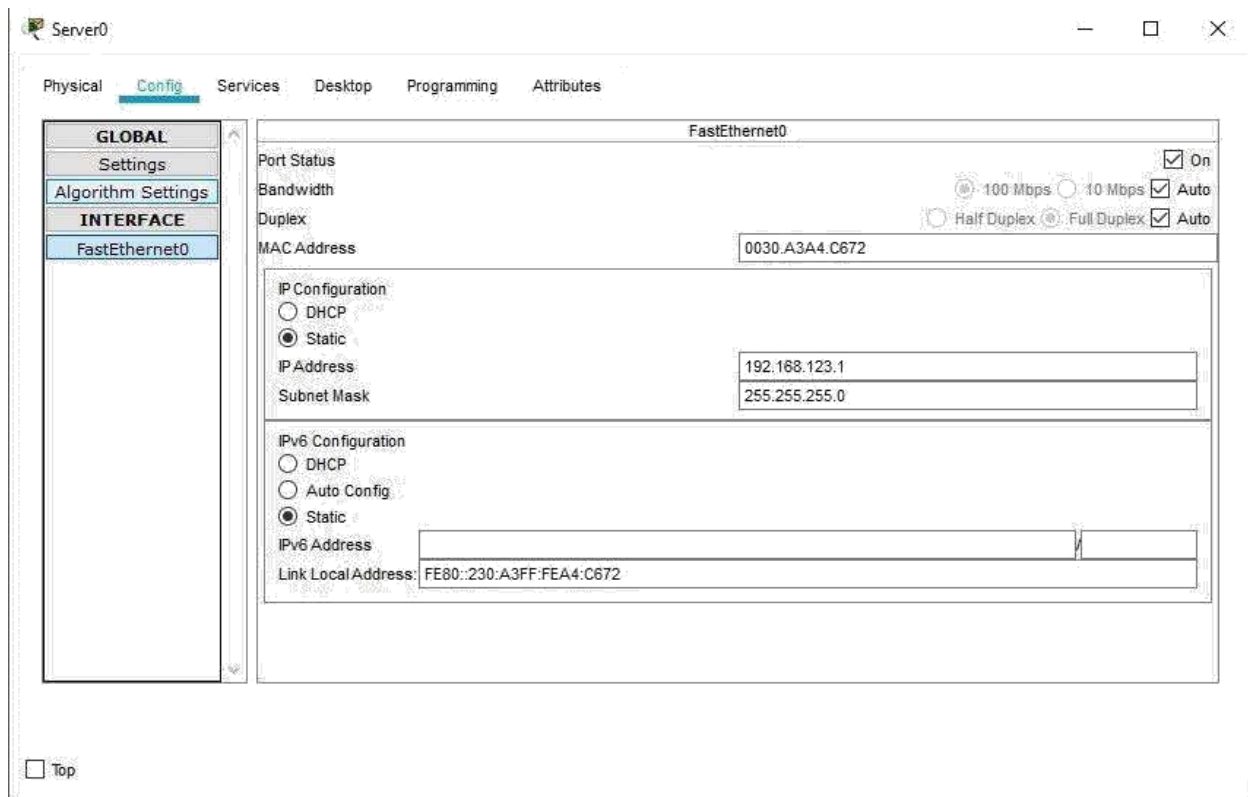
## 6. Membuka alamat dari PC 0. Dikarenakan tidak diajari cara di isi link jadi hasilnya default.



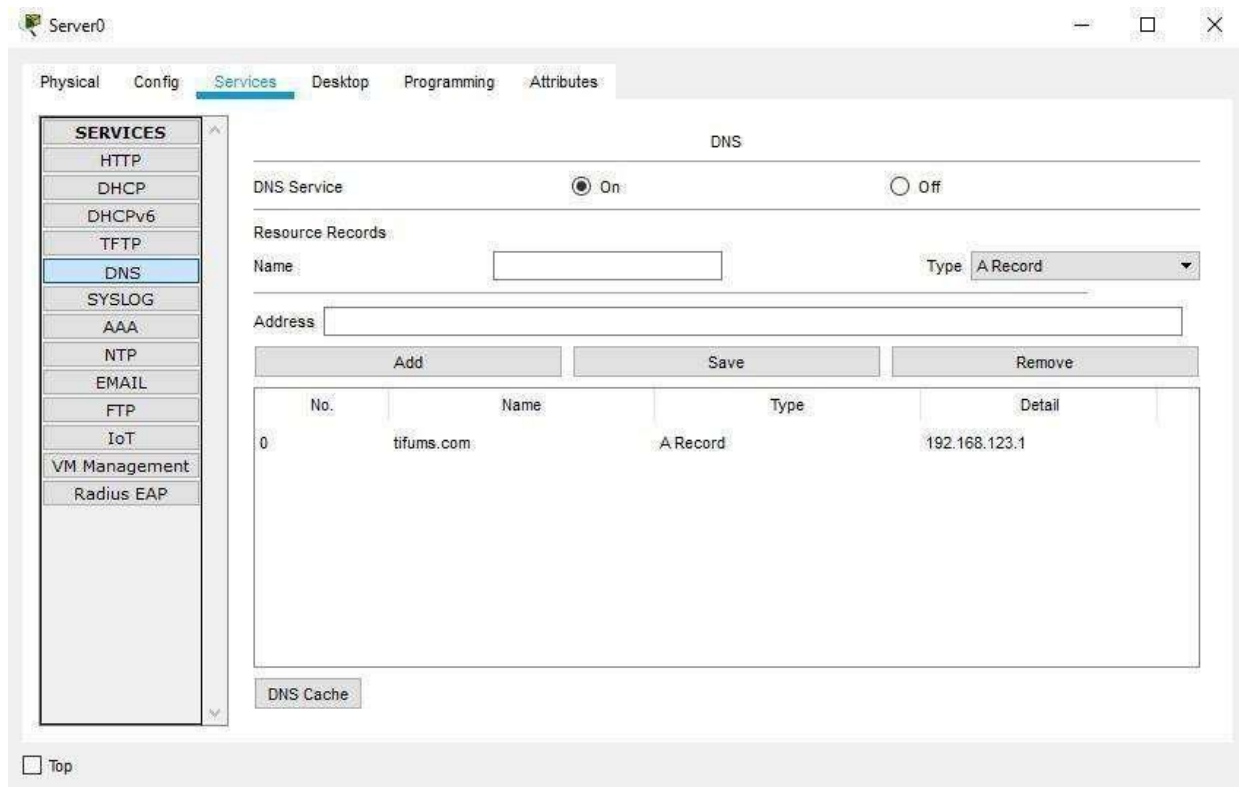
## Tugas



Melakukan konfigurasi pada server 0



Mengubah DNS server o menjadi on dan dan menambah domain tifums.com dengan ip address 192.168.123.1



Mengubah servise pada DHCP menjadi on kemudian mengisi DNS server menjadi 192.168.123.1, kemudian klik save.

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: 0.0.0.0

DNS Server: 192.168.123.1

Start IP Address: 192 168 123 2

Subnet Mask: 255 255 255 0

Maximum Number of Users: 254

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         | 192.168.123.1 | 192.168.123.2    | 255.255.255.0 | 254      | 0.0.0.0     | 0.0.0.0     |

☐ Top

Melakukan konfigurasi ip address pada setiap pc menggunakan DHCP dengan mengubah mode ip configuration menjadi DHCP sehingga tidak perlu menambahkan ip address secara manual, karena akan terisi secara otomatis

PC0

Physical Config **IPv4 Config** Programming Attributes

☒ DHCP ☐ Static DHCP request successful

P Address 192.168.1.10

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.1

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local Address FE80:20C:0FFF:FE01:A24B

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

OK

PC1

Physical Config **IPv4 Config** Programming Attributes

☒ DHCP ☐ Static DHCP request successful

P Address 192.168.1.11

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.1

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local Address FE80:201:97FF:FE01:6561

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

OK

PC2

PhysicalConfigDesktopProgrammingAttributes

☒ DHCP

☐ Static

DHCP request successful.

IP Address

192.168.123.4

Subnet Mask

255.255.255.0

Default Gateway

0.0.0.0

DNS Server

192.168.123.1

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address

Link Local Address

FE80::203:E4FF:FE4E:2720

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC3

PhysicalConfigDesktopProgrammingAttributes

☒ DHCP

☐ Static

DHCP request successful.

IP Address

192.168.123.5

Subnet Mask

255.255.255.0

Default Gateway

0.0.0.0

DNS Server

192.168.123.1

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address

Link Local Address

FE80::250:FFF:FE6D:95

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top



PC4

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static DHCP request successful

IP Address 192.168.123.6

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 192.168.123.1

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::201:97FF:FEA8:74AE

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

Melakukan browsing http ke domain pada setiap pc untuk melihat apakah berhasil atau tidak

