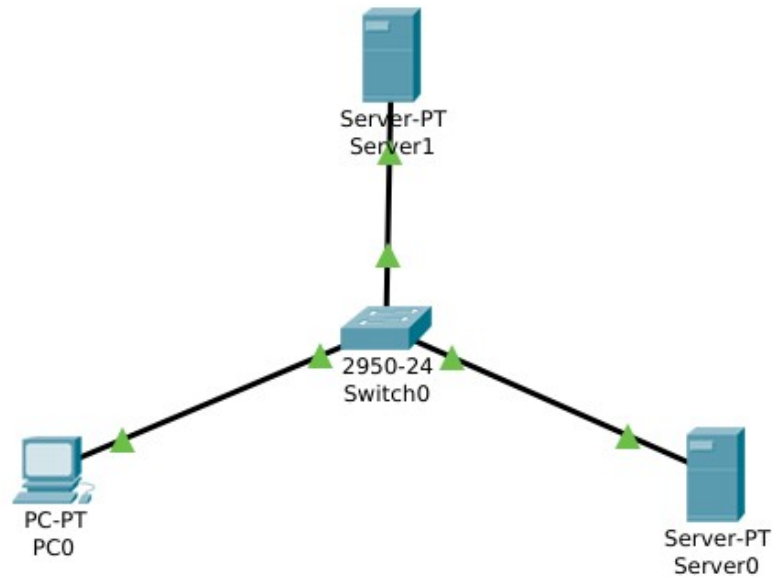


Nama : Dimas Kurniawan  
NIM : L200170122  
Kelas : C  
Modul : 10

### Kegiatan Praktikum

1. Simulasi server DHCP menggunakan 1 workstation, 1 switch, dan 2 server.



Konfigurasi IP Address :

- a) Server0 : 192.168.123.1 (255.255.255.0)

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

Field	Value
IP Address	192.168.123.1
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

The 'IPv6 Configuration' section is also visible, with the following settings:

Field	Value
IPv6 Address	
Link Local Address	FE80::201:42FF:FE7D:DB66
IPv6 Gateway	
IPv6 DNS Server	

At the bottom of the window, there is a '802.1X' section with a 'Top' button.

b) Server1 : 192.168.123.2 (255.255.255.0)

The screenshot shows the 'Server1' configuration window with the 'Desktop' tab selected. The 'IP Configuration' section has 'Static' selected, with 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 Configuration' section has 'Static' selected, with IPv6 Address, Link Local Address 'FE80::260:70FF:FE6A:9689', IPv6 Gateway, and IPv6 DNS Server. The '802.1X' section is visible at the bottom.

Server1

Physical Config Services **Desktop** Programming Attributes

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::260:70FF:FE6A:9689

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Top

c) PC0 : 192.168.123.3 (255.255.255.0)  
DNS Server : 192.168.123.2

The screenshot shows the 'PC0' configuration window with the 'Desktop' tab selected. The 'IP Configuration' section has 'Static' selected, with 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 Configuration' section has 'Static' selected, with IPv6 Address, Link Local Address 'FE80::240:BFF:FE66:2192', IPv6 Gateway, and IPv6 DNS Server. The '802.1X' section is visible at the bottom.

PC0

Physical Config **Desktop** Programming Attributes

☐ DHCP ☒ 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

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::240:BFF:FE66:2192

IPv6 Gateway

IPv6 DNS Server

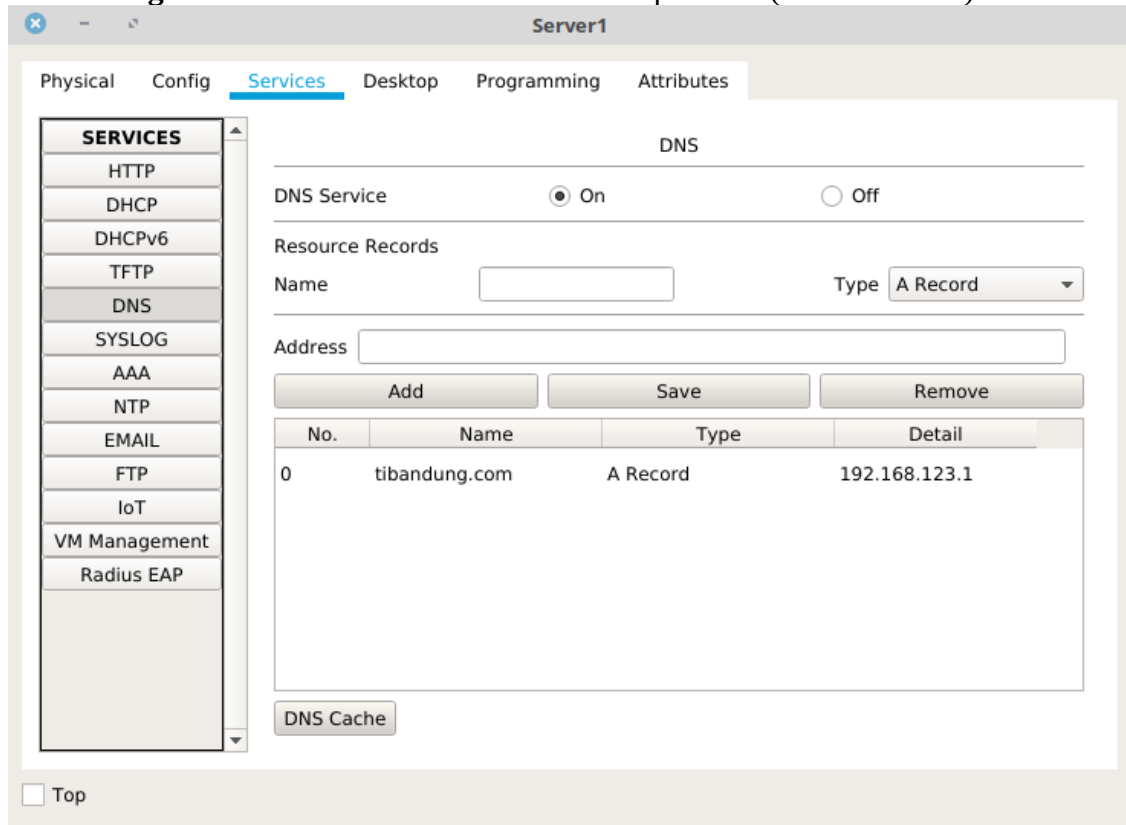
802.1X

☐ Use 802.1X Security

Authentication MD5

☐ Top

2. Konfigurasi untuk menambahkan DNS Server. Sebagai contoh nama domain **tibandung.com** dan field IP Address Server0/Http Server (192.168.123.1).



3. Setelah melakukan konfigurasi DNS Server berhasil, diuji dengan browsing HTTP ke DOMAIN. Dengan klik 2x pada **PC0** menuju tab **Desktop** pilih menu **Web Browser**. Dengan mengakses domain yang telah di-entry ke DNS Server, contoh : tibandung.com(domain name yang telah di-entry sebelumnya).

