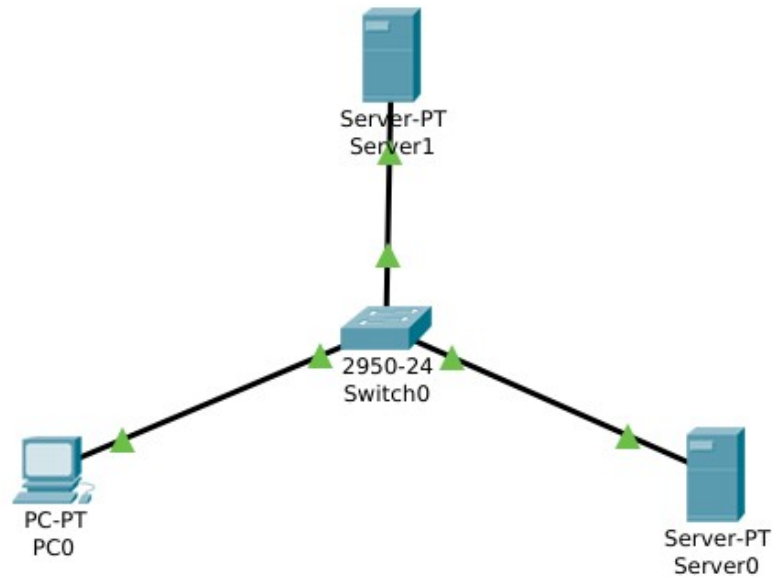


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Kegiatan Praktikum

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 expanded, showing the following settings:

Field	Value
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

Below the IP Configuration section is the 'IPv6 Configuration' section, which is currently collapsed. It shows options for DHCP, Auto Config, and Static (selected).

At the bottom of the window, there is a '802.1X' section and 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 fields. The '802.1X' section is collapsed. A 'Top' button is at the bottom left.

Field	Value
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 Address	
Link Local Address	FE80::260:70FF:FE6A:9689
IPv6 Gateway	
IPv6 DNS Server	

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 fields. The '802.1X' section is expanded, showing 'Use 802.1X Security' unchecked and 'Authentication' set to 'MD5'. A 'Top' button is at the bottom left.

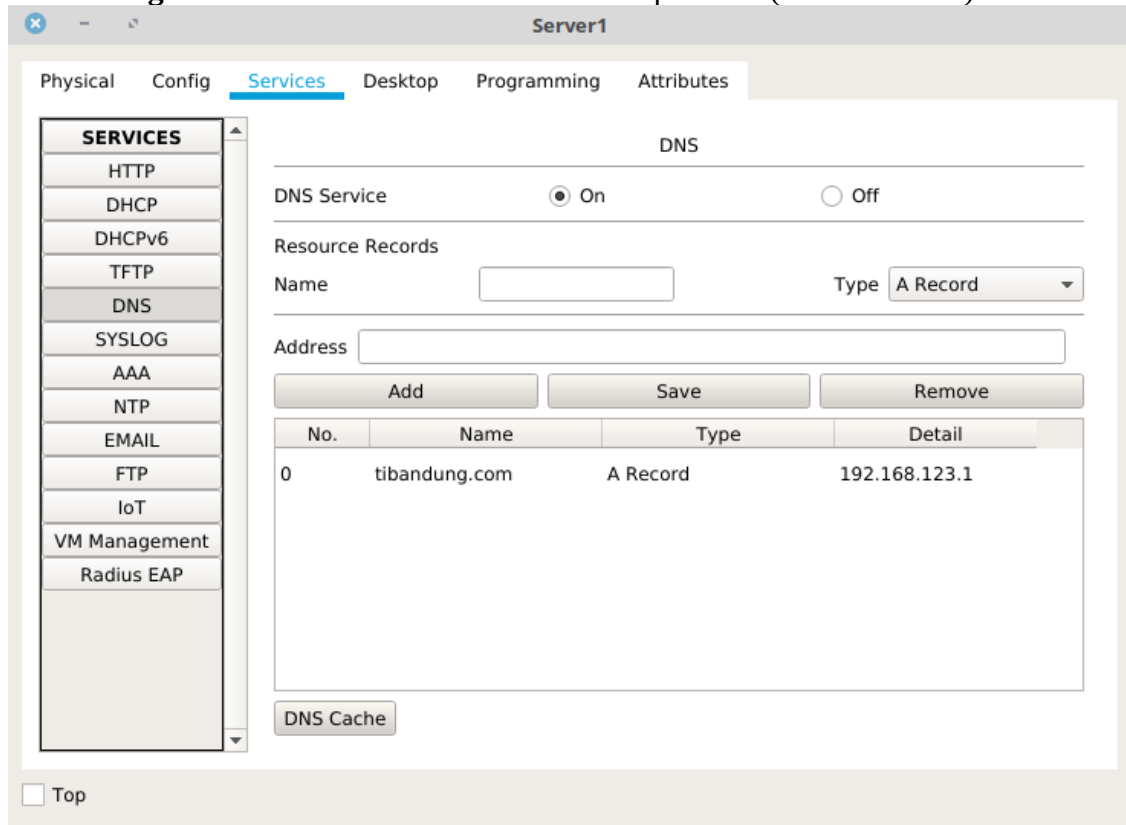
Field	Value
IP Address	192.168.123.3
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	192.168.123.2
IPv6 Address	
Link Local Address	FE80::240:BFF:FE66:2192
IPv6 Gateway	
IPv6 DNS Server	

802.1X

☐ Use 802.1X Security

Authentication: MD5

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).

