

LAPORAN PRAKTIKUM JARINGAN KOMPUTER

MODUL 10

“DNS SERVER”

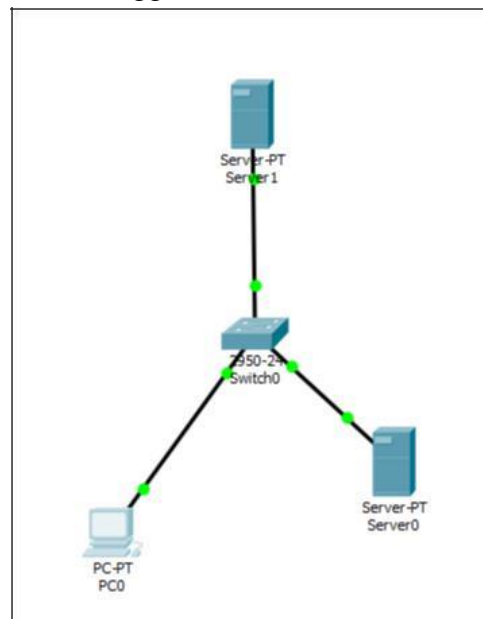
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Kelas : C

Kegiatan Praktikum

Persiapan simulasi server DHCP menggunakan 1 workstation, 1 switch, dan 2 server



1. Lakukan konfigurasi IP sebagai berikut :
 - a. Pada server0 : IP Address 192.168.123.1, Subnet Mask 255.255.255.0

IP Configuration	
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

- b. Pada server1 : IP Address 192.168.123.2, Subnet Mask 255.255.255.0



IP Configuration

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

- c. Pada PC0 : IP Address 192.168.123.3, Subnet Mask 255.255.255.0 dan DNS Server 192.168.123.2



IP Configuration

IP Configuration

☐ 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

2. Konfigurasi DNS Server



SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management

DNS

DNS Service: ☒ On ☐ Off

Resource Records

Name: Type: A Record

Address:

Add Save Remove

No.	Name	Type	Detail
0	tibandung.com	A Record	192.168.123.2
1	tibandung0.com	A Record	192.168.123.1

3. Melakukan browsing http ke domain



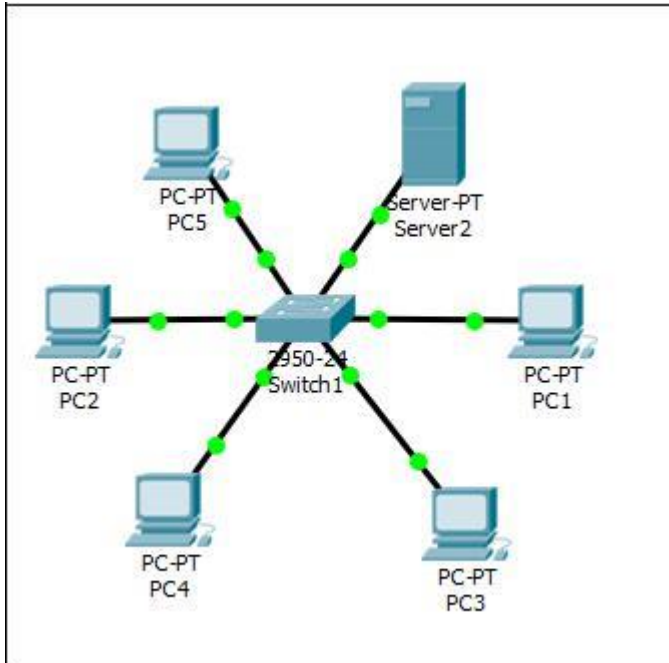
Web Browser

URL: http://tibandung.com Go Stop

Selamat Datang - tiBandundung.com

TUGAS MODUL

1. Coba buat jaringan sederhana seperti pada gambar 3, tetapi ditambahkan dengan mode server yang memberikan layanan/service DHCP, HTTP, dan DNS. Kemudian cobalah akses domain tertentu yang telah di-entry pada record DNS dari salah satu workstation. Buatlah topologi seperti gambar dibawah ini.



Lakukan konfigurasi IP sebagai berikut:
Konfigurasi IP Server2

IP Configuration	
IP Configuration	
<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IP Address	192.168.100.1
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

Konfigurasi DNS Server2

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS**
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type **A Record**

Address

No.	Name	Type	Detail
0	coba.id	A Record	192.168.100.1

Konfigurasi DHCP Server2

SERVICES

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management

DHCP

Interface **FastEthernet0** Service ☒ On ☐ Off

Pool Name

Default Gateway

DNS Server

Start IP Address :

Subnet Mask:

Maximum Number of Users :

TFTP Server:

WLC Address:

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	192.168.100.1	192.168.100.2	255.255.255.0	254	0.0.0.0	0.0.0.0

Konfigurasi IP PC1 menggunakan DHCP

IP Configuration

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address

Subnet Mask

Default Gateway

DNS Server

Konfigurasi IP PC2 menggunakan DHCP

IP Configuration

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

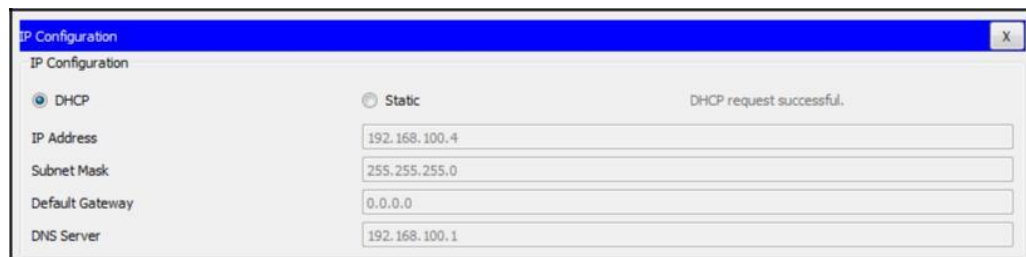
IP Address

Subnet Mask

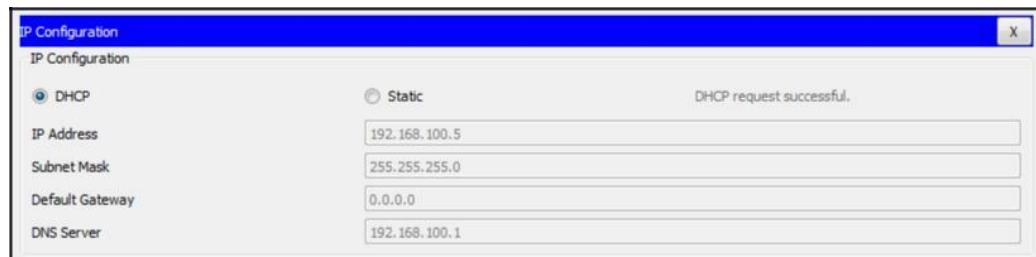
Default Gateway

DNS Server

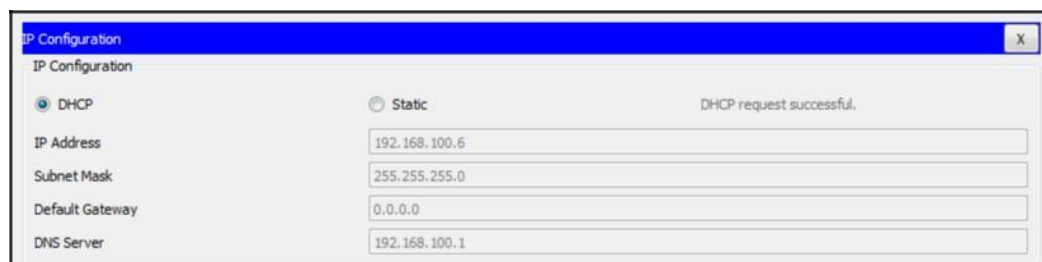
Konfigurasi IP PC3 menggunakan DHCP



Konfigurasi IP PC4 menggunakan DHCP



Konfigurasi IP PC1 menggunakan DHCP



Lakukan browsing http ke domain
PC1



PC2



