

LAPORAN ACTIVITY

Mata Praktikum : Jaringan Komputer
Kelas : 3IA24
Praktikum ke- : 3
Tanggal : 31 Oktober 2023
Materi : DHCP
NPM : 50421704
Nama : Juan Samuel Christopher
Ketua Asisten : Madanil
Nama Asisten :
Paraf Asisten :
Jumlah Lembar : 4

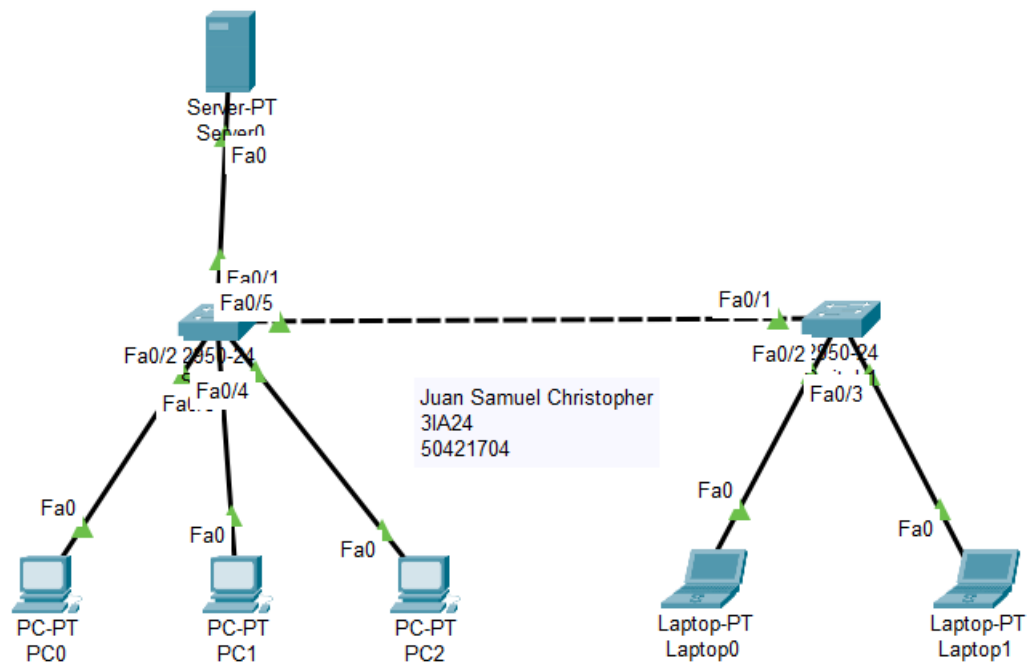


LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

2022/2023

LISTING



IP Config & Service Server

Server0

Physical Config Services **Desktop** Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.10.2

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::260:3EFF:FE33:1B54

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

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: 0.0.0.0

Start IP Address: 192.168.10.3

Subnet Mask: 255.255.255.0

Maximum Number of Users: 253

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	0.0.0.0	192.16...	255.25...	253	0.0.0.0	0.0.0.0

☐ Top

IP Config PC

PCoIP Client configuration window for the Desktop tab. The IP Configuration section shows IPv4 settings for FastEthernet0, with DHCP selected. The IPv6 Configuration section shows Automatic selected. The 802.1X Security section shows the Use 802.1X Security checkbox unchecked.

PC1

Physical Config **Desktop** Programming Attributes

IP Configuration [X]

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address 192.168.10.4

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPV6 Configuration

☐ Automatic ☒ Static

IPv6 Address [] / []

Link Local Address FE80::240:BFF:FEA4:52AE

Default Gateway []

DNS Server []

802.1X

☐ Use 802.1X Security

Authentication MD5

Username []

Password []

☐ Top

The screenshot shows the configuration window for PC2. The 'Desktop' tab is selected. Under 'IP Configuration', the 'Interface' is 'FastEthernet0'. The 'DHCP' radio button is selected, and the 'Static' radio button is also visible. The 'IPv4 Address' is '192.168.10.5', 'Subnet Mask' is '255.255.255.0', 'Default Gateway' is '0.0.0.0', and 'DNS Server' is '0.0.0.0'. The 'IPv6 Configuration' section shows 'Automatic' selected, but the 'Static' radio button is also visible. The 'IPv6 Address' is 'FE80::203:E4FF:FE7A:8D74', 'Link Local Address' is 'FE80::203:E4FF:FE7A:8D74', 'Default Gateway' is empty, and 'DNS Server' is empty. The '802.1X' section shows 'Use 802.1X Security' is unchecked, 'Authentication' is 'MD5', 'Username' is empty, and 'Password' is empty. A 'Top' button is at the bottom left.

IP Laptop

The screenshot shows the MikroTik WinBox interface with the 'Laptop0' window open. The 'IP Configuration' window is active, displaying settings for the 'FastEthernet0' interface. The 'IPv4 Configuration' tab is selected, showing the IP address '192.168.10.6' and the 'DHCP' option. The 'IPv6 Configuration' tab is also visible, showing the IPv6 address 'FE80::206:2AFF:FECE:75B4' and the 'Static' option. The 'DNS Server' field is empty in both tabs. The '802.1X Security' section is also visible, showing the 'Use 802.1X Security' checkbox and the 'Authentication' dropdown menu set to 'MD5'.

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

☒ DHCP ☐ Static

IPv4 Address: 192.168.10.7

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::20A:41FF:FE3A:270B

Default Gateway:

DNS Server:

802.1X Security

☐ Use 802.1X Security

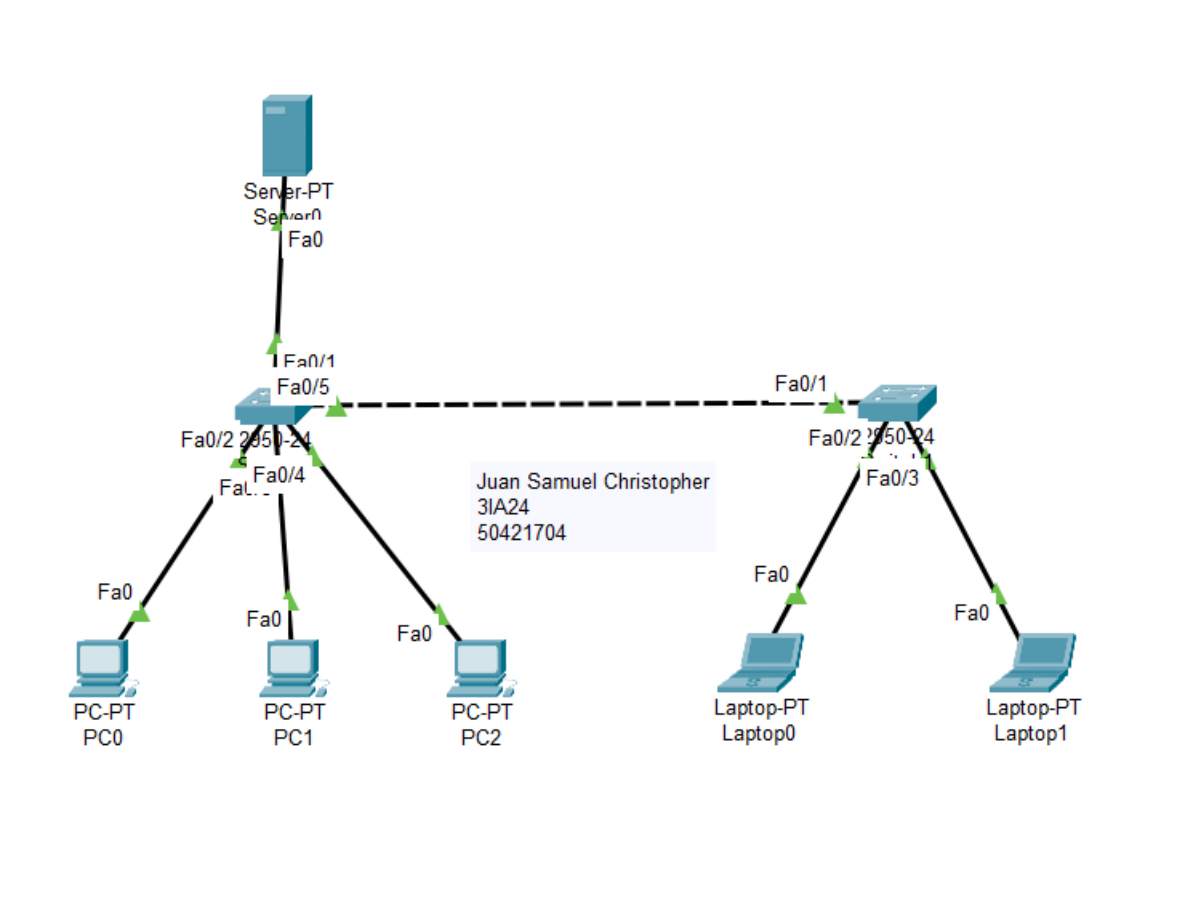
Authentication: MD5

Username:

Password:

OUTPUT

DHCP



Sample PDU

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	Laptop0	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC1	Laptop1	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC2	Laptop0	ICMP		0.000	N	2	(edit)	(delete)