

## **LAPORAN ACTIVITY**

Mata Praktikum : Jaringan Komputer  
Kelas : 3IA24  
Praktikum ke- : 2  
Tanggal : 24 Oktober 2023  
Materi : Subnetting  
NPM : 50421704  
Nama : Juan Samuel Christopher  
Ketua Asisten : Madanil  
Nama Asisten :  
Paraf Asisten :  
Jumlah Lembar : 4

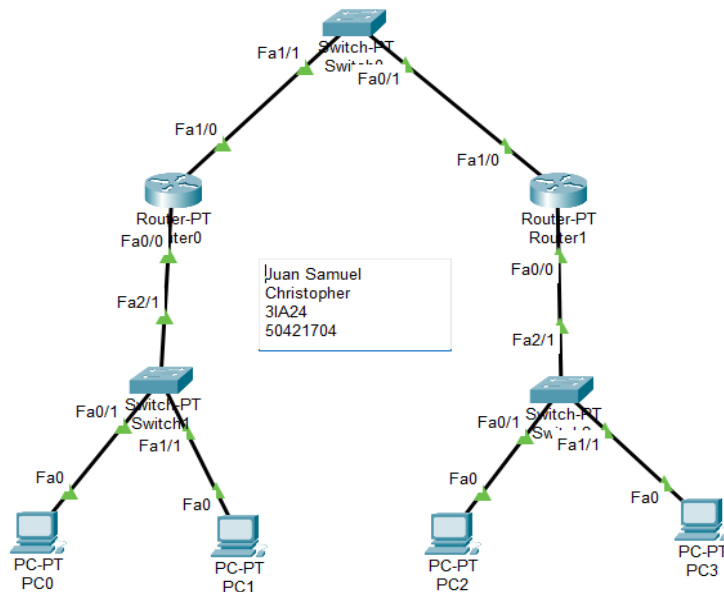


**LABORATORIUM TEKNIK INFORMATIKA**

**UNIVERSITAS GUNADARMA**

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## LISTING



## IP config Router 0

The following screenshots show the configuration steps for Router0:

**Screenshot 1: FastEthernet0/0 Configuration**

Section	Configuration
GLOBAL	Settings: On, Auto, Auto
ROUTING	Static: On, Auto
INTERFACE	FastEthernet0/0: IP Configuration (192.168.10.1, 255.255.255.192), Tx Ring Limit (10)

**Screenshot 2: FastEthernet1/0 Configuration**

Section	Configuration
GLOBAL	Settings: On, Auto, Auto
ROUTING	Static: On, Auto
INTERFACE	FastEthernet1/0: IP Configuration (192.168.10.193, 255.255.255.192), Tx Ring Limit (10)

**Screenshot 3: Static Routes Configuration**

Field	Value
Network	192.168.10.64/26
Mask	255.255.255.192
Next Hop	192.168.10.194

## IP config router 1

The first screenshot shows the configuration for FastEthernet0/0. The left sidebar has tabs for GLOBAL, Settings, Algorithm Settings, ROUTING, Static, RIP, and INTERFACE. Under INTERFACE, FastEthernet0/0 is selected. The main area shows Port Status (On), Bandwidth (100 Mbps), Duplex (Full Duplex), MAC Address (0060.47B4.7CCA), IP Configuration (IPV4 Address: 192.168.10.65, Subnet Mask: 255.255.255.192), and Tx Ring Limit (10). The second screenshot shows the configuration for FastEthernet1/0. The left sidebar has the same tabs, and FastEthernet1/0 is selected. The main area shows Port Status (On), Bandwidth (100 Mbps), Duplex (Full Duplex), MAC Address (0009.7C5C.E3A1), IP Configuration (IPV4 Address: 192.168.10.194, Subnet Mask: 255.255.255.192), and Tx Ring Limit (10). Both screenshots have a 'Equivalent IOS Commands' section at the bottom.

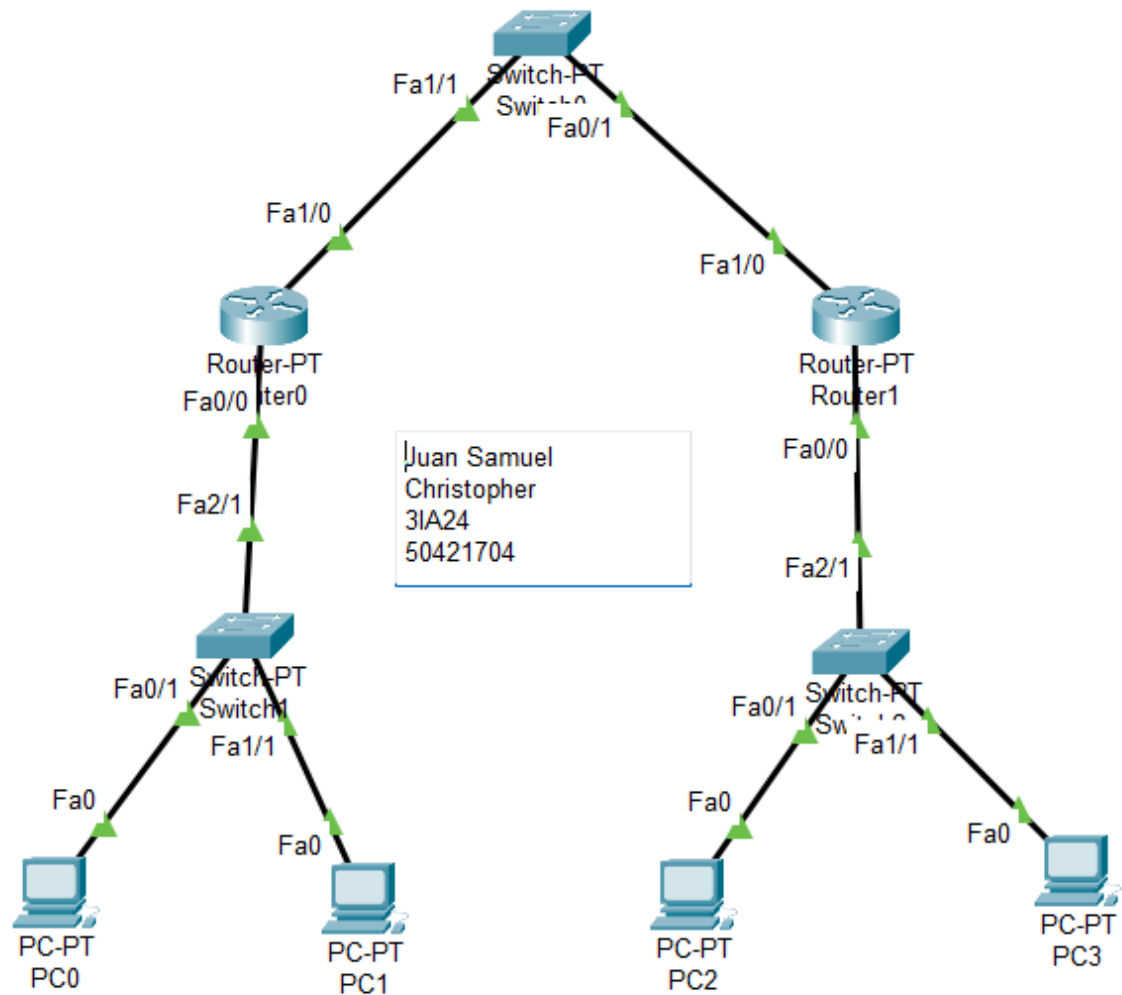
The screenshot shows the Static Routes configuration window. The left sidebar has tabs for GLOBAL, Settings, Algorithm Settings, ROUTING, Static, RIP, and INTERFACE. Under ROUTING, Static is selected. The main area has fields for Network, Mask, and Next Hop, with an 'Add' button. Below these fields, a list shows the configured static route: '192.168.10.0/26 via 192.168.10.193'. There is a 'Remove' button at the bottom right.

## IP config PC0 & PC2

The first screenshot shows the IP Configuration window for PC0. The left sidebar has tabs for Physical, Config, Desktop, Programming, and Attributes. Under Desktop, IP Configuration is selected. The main area shows IP Configuration (Static) with IPv4 Address (192.168.10.2), Subnet Mask (255.255.255.192), Default Gateway (192.168.10.1), and DNS Server (0.0.0.0). It also shows IPv6 Configuration (Static) with IPv6 Address, Link Local Address (FE80::20C:85FF:FEE4:D25B), Default Gateway, and DNS Server. The second screenshot shows the IP Configuration window for PC2. The left sidebar has the same tabs, and IP Configuration is selected. The main area shows IP Configuration (Static) with IPv4 Address (192.168.10.66), Subnet Mask (255.255.255.192), Default Gateway (192.168.10.65), and DNS Server (0.0.0.0). It also shows IPv6 Configuration (Static) with IPv6 Address, Link Local Address (FE80::20C:85FF:FE8C:7493), Default Gateway, and DNS Server. Both screenshots have a 'Top' button at the bottom left.

## OUTPUT

### Subnetting



### Sample PDU

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC3	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC1	PC2	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC3	PC0	ICMP		0.000	N	2	(edit)	(delete)