

**COMPUTER NETWORKS PRACTICUM**  
**PRACTICUM 10**



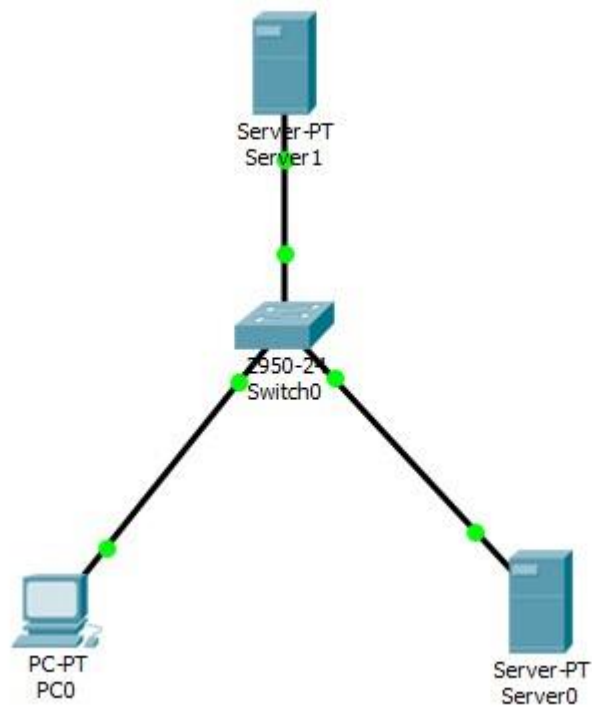
**By:**

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**INFORMATION TECHNOLOGY**  
**FACULTY OF COMMUNICATION AND INFORMATICS**  
**UNIVERSITY OF MUHAMMADIYAH SURAKARTA**  
**2020**

## 1. Activity



IP Configuration

IP Configuration

☐ DHCP ☒ 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

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80::2E0:F7FF:FE05:621B

IPv6 Gateway:

IPv6 DNS Server:

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

IPv6 Configuration

DHCP

Auto Config

Static

IPv6 Address

/

Link Local Address

FE80::201:96FF:FE9C:8B31

IPv6 Gateway

IPv6 DNS Server

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

IPv6 Configuration

DHCP

Auto Config

Static

IPv6 Address

/

Link Local Address

FE80::260:3EFF:FE96:7603

IPv6 Gateway

IPv6 DNS Server

Physical Config **Services** Desktop Programming Attributes

**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	tbandung.com	A Record	192.168.123.1

Physical Config Desktop **Programming** Attributes

Web Browser X

< > URL

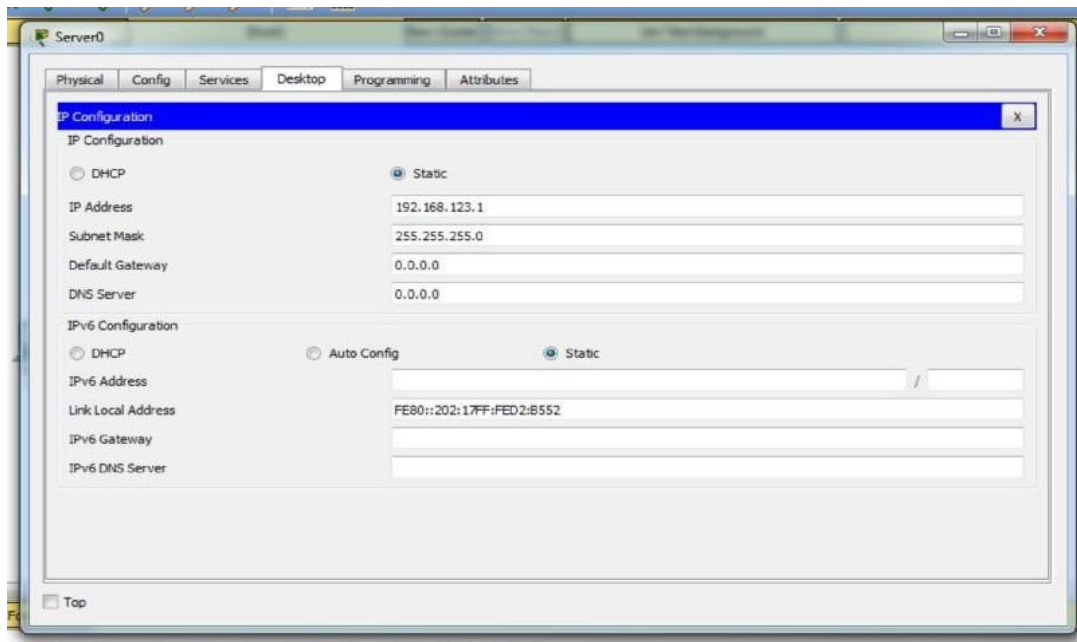
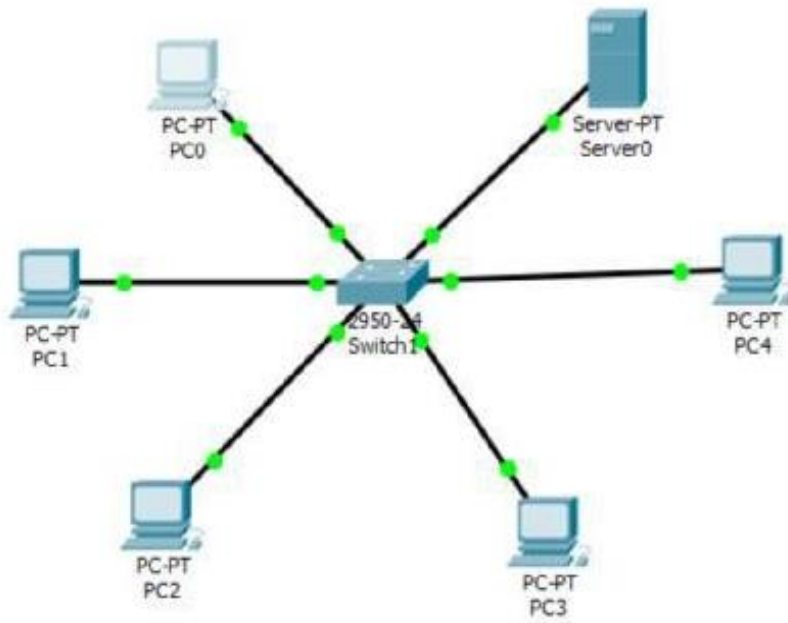
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## 2. Assignment



Server0

Physical Config Services Desktop Programming Attributes

**SERVICES**

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

**DHCP**

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 192.168.123.1

Start IP Address: 192 168 123 0

Subnet Mask: 255 255 255 0

Maximum Number of Users: 255

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	192.168.123.1	192.168.123.0	255.255.255.0	255	0.0.0.0	0.0.0.0

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Server0

Physical Config Services Desktop Programming Attributes

**SERVICES**

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

**DNS**

DNS Service: ☒ On ☐ Off

Resource Records

Name: lolol.com Type: A Record

Address: 192.168.123.1

Add Save Remove

No.	Name	Type	Detail
0	lolol.com	A Record	192.168.123.1

DNS Cache

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