

LAPORAN PRAKTIKUM JARINGAN KOMPUTER DAN KOMUNIKASI DATA

MODUL KE 8. SIMULASI JARINGAN KOMPLEKS



Disusun oleh:

- | | |
|--------------------------|--------------|
| 1. Syahrina Laylia Rahma | (1204210029) |
| 2. Aisyah Nabila Zahra | (1204210122) |
| 3. M.Bramastya.S.A | (1204210051) |

**PROGRAM STUDI SISTEM INFORMASI
FAKULTAS TEKNOLOGI INFORMASI DAN BISNIS
INSTITUT TEKNOLOGI TELKOM SURABAYA**

2023

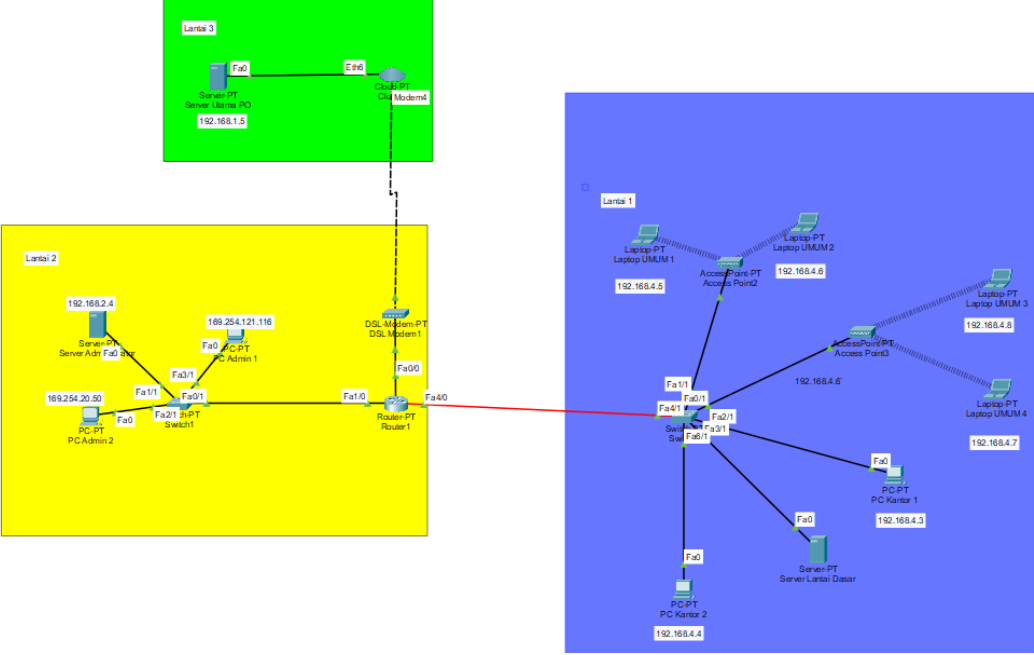
Laporan Format **PDF** Dan Save Cisonya dengan Format **PKT**
UPLOAD KEDUA FILE DALAM 1 RAR

Laporan Praktikum 8. Simulasi Jaringan Kompleks

Tgl Praktikum : 21 Juli 2023

Masukkan capture layar dari praktikum yang telah dilakukan.

Topologi

deskripsi	Screenshot*
Topologi*	

Catatan* :
 1. Sertakan note untuk IP Address
 2. Screenshot usahakan jelas dan tidak buram.

Konfigurasi

deskripsi	Screenshot*
Tabel Routing RIP pada Router	

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

RIP Routing

Network

Add

Network Address

192.168.1.0

192.168.2.0

192.168.4.0

Konfigurasi DHCP pada Server Utama

Server Utama PO

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

InterfaceFastEthernet0ServiceOnOff

Pool NameserverPool

Default Gateway0.0.0.0

DNS Server0.0.0.0

Start IP Address :19216810

Subnet Mask:2552552550

Maximum Number of Users :512

TFTP Server:0.0.0.0

WLC Address:0.0.0.0

AddSaveRemove

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	192.168.1.0	255.255.2...	512	0.0.0.0	0.0.0.0

Konfigurasi DHCP pada Server Administrasi

Server Administrator

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

InterfaceFastEthernet0ServiceOnOff

Pool NameserverPool

Default Gateway0.0.0.0

DNS Server0.0.0.0

Start IP Address :19216820

Subnet Mask:2552552550

Maximum Number of Users :512

TFTP Server:0.0.0.0

WLC Address:0.0.0.0

AddSaveRemove

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	192.168.2.0	255.255.2...	512	0.0.0.0	0.0.0.0

Konfigurasi DHCP pada Server 3

Server Lantai Dasar

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 4 0

Subnet Mask: 255 255 255 0

Maximum Number of Users: 512

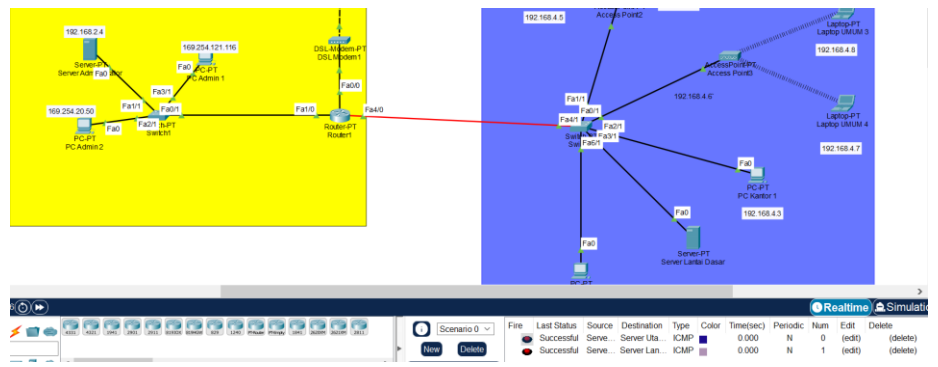
TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

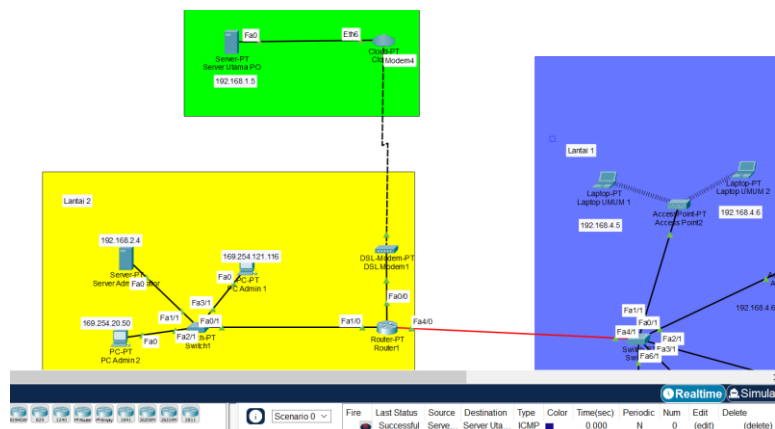
Add Save Remove

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	192.168.4.0	255.255.255.0	512	0.0.0.0	0.0.0.0

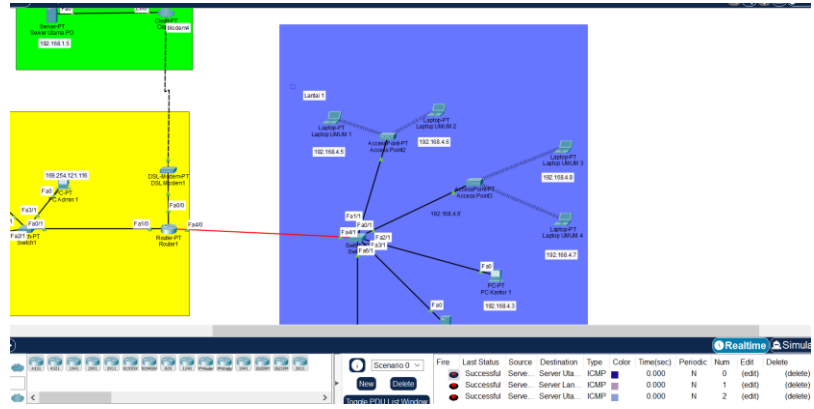
Status PING (Lantai 1 - Lantai 2)



Status PING (Lantai 2 - Lantai 3)



Status PING (Lantai 1 - Lantai 3)



*Keterangan :

1. Jangan lupa tambahkan note IP address pada topologi.
2. Pastikan screenshot terlihat jelas dan tidak buram.
3. Screenshot tidak jelas mempengaruhi penilaian.