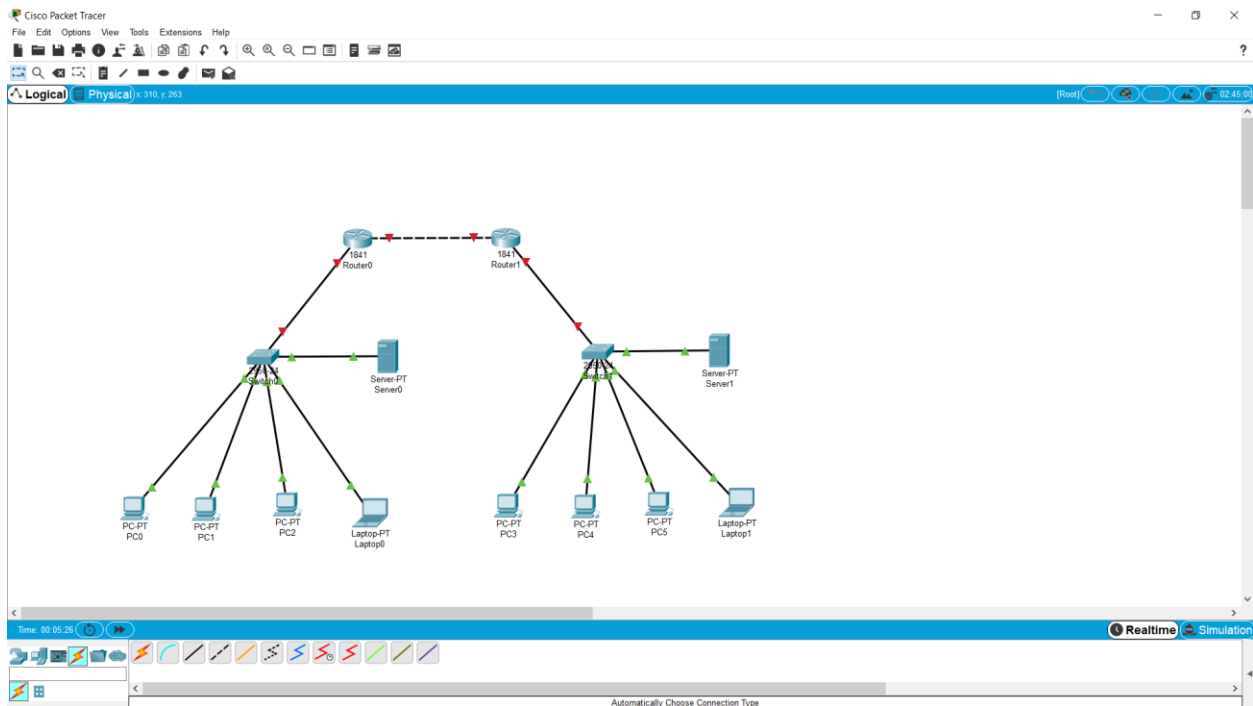


**AL ADIAT RUSSETYA TAMORA**

**L200170037**

**A**

## **1. RANCANGAN JARINGAN KOMPUTER**



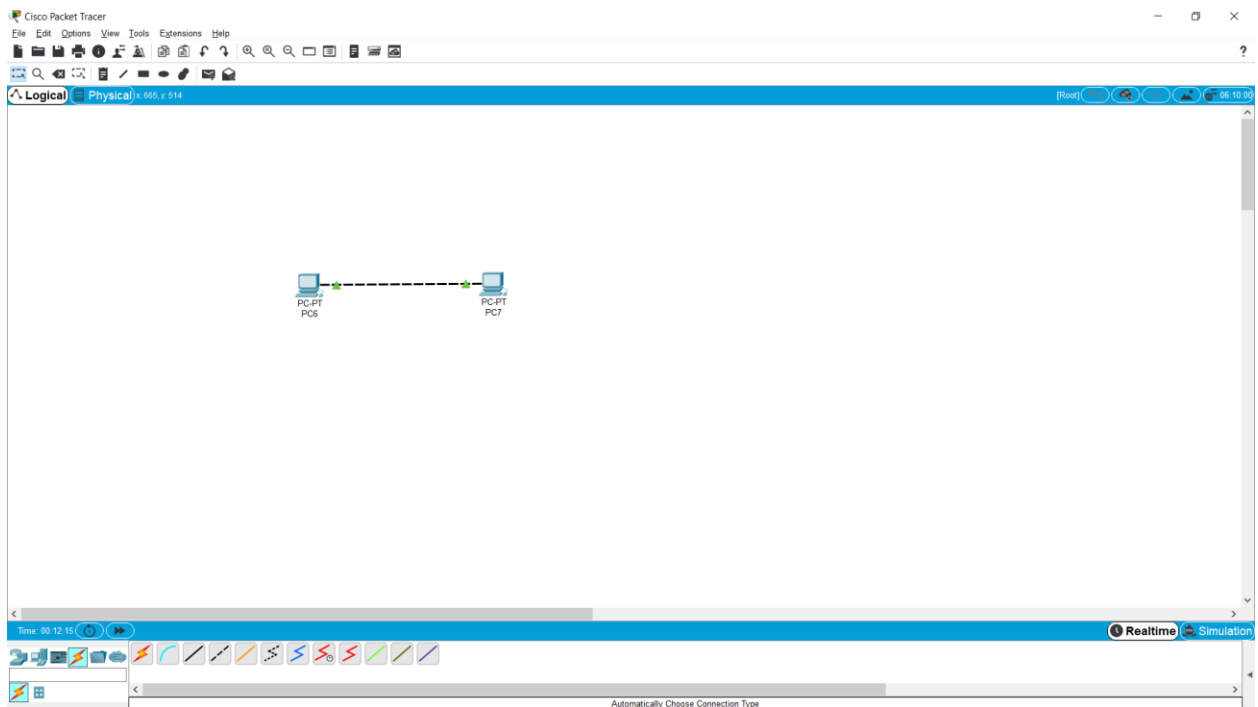
Warna merah : kabel tidak terhubung atau terjadi kesalahan

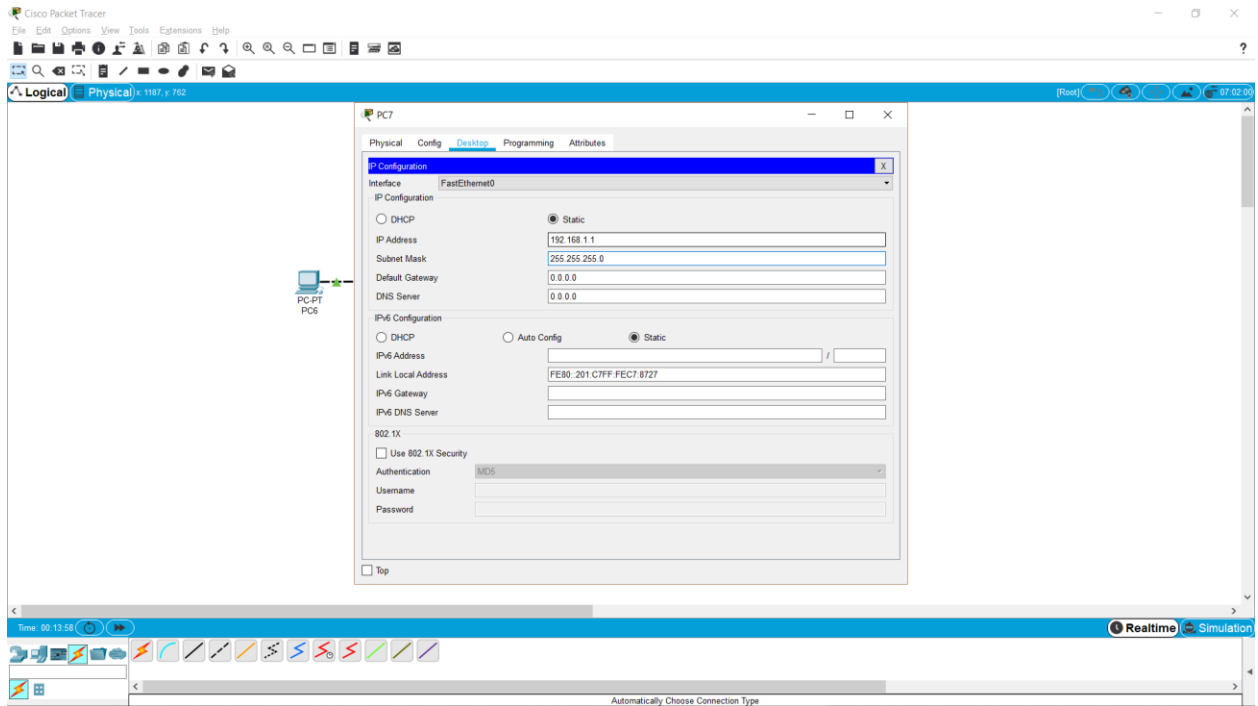
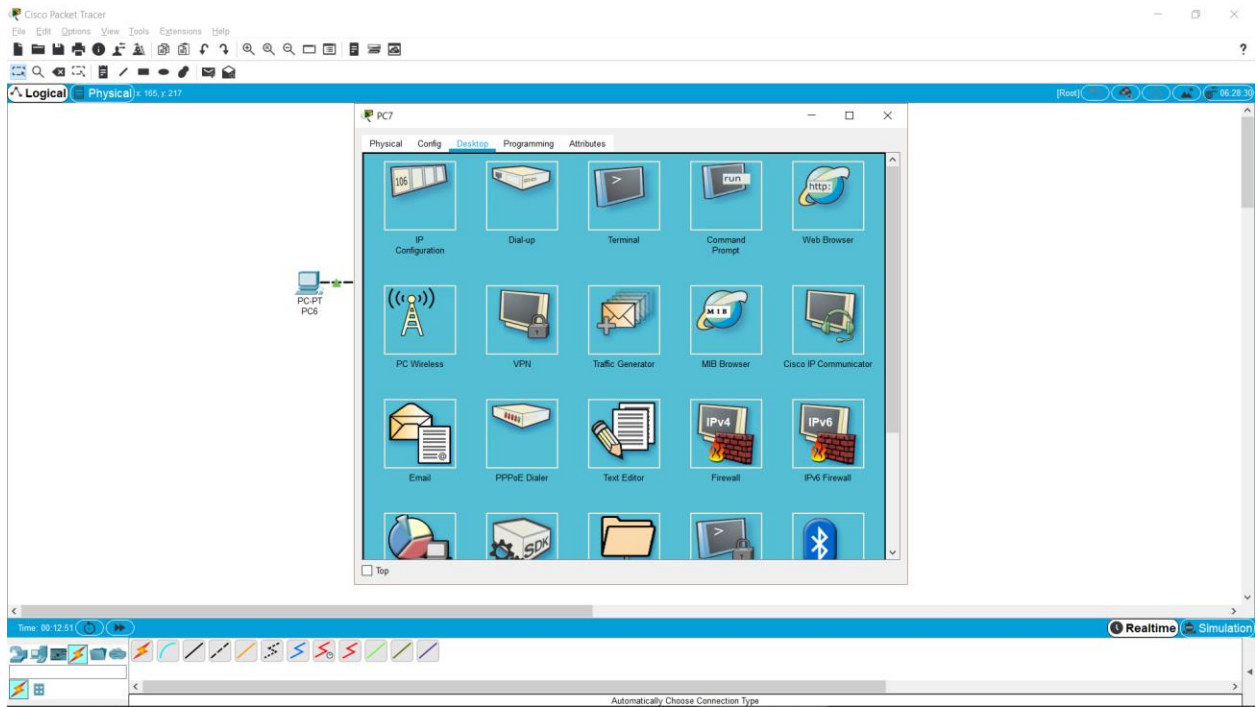
Warna orange : sedang terjadi instalasi atau pengenalan perangkat untuk saling terhubung

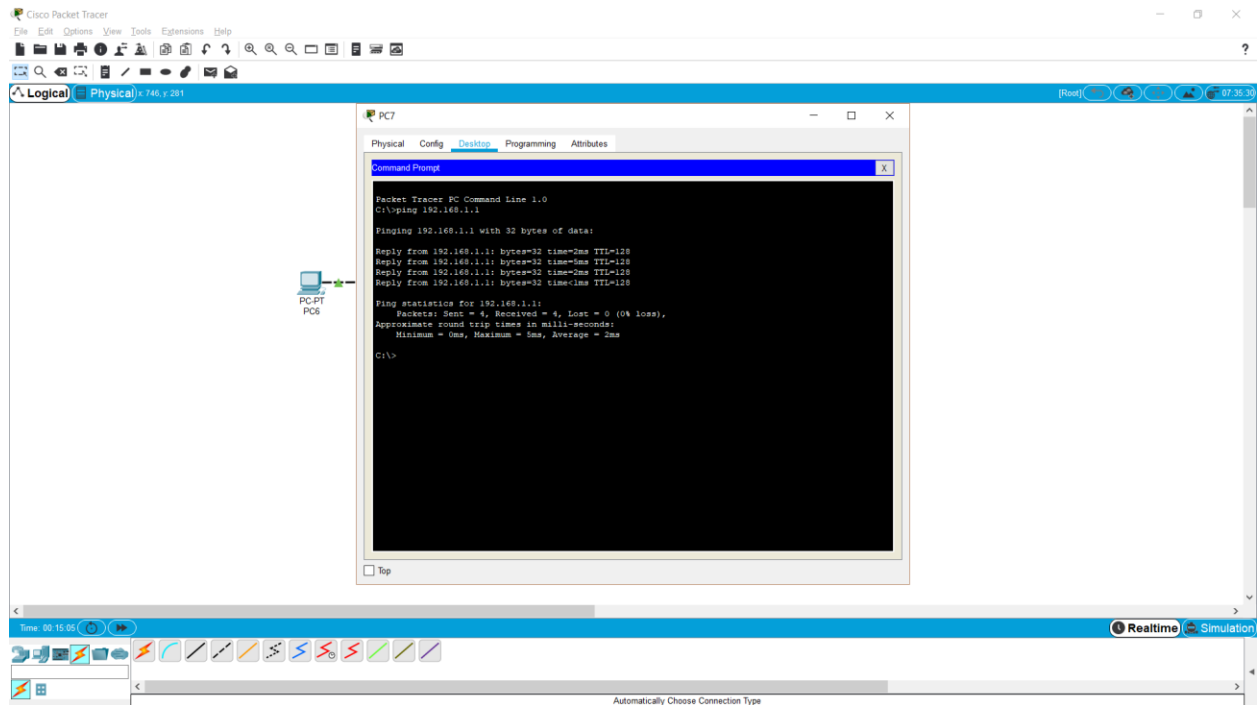
Warna hijau : berhasil atau bisa terhubung

Pada 2 router 1841 warna merah menandakan tidak bisa terhubung satu sama lain dan router 1841 yang terhubung ke switch 2950-24 juga berwarna merah karena terjadi kesalahan sehingga tidak terhubung juga. switch 2950-24 bisa terhubung ke perangkat satu sama lain dan berjalan lancar di pc-pt, server-pt dan. laptop-pt

## 2. MEMBUAT JARINGAN PEER TO PEER

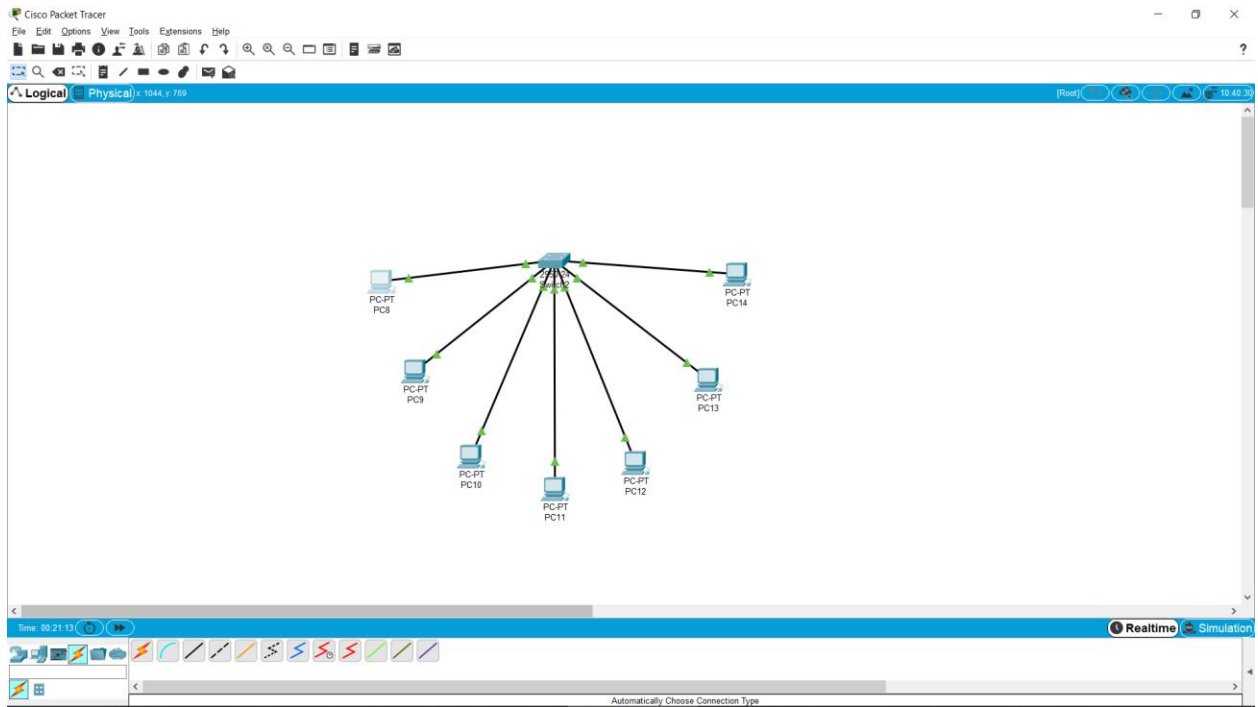






### 3. MEMBUAT JARINGAN DENGAN SWITCH

A. Dari PC 1 ke PC 2 berjalan normal jaringannya



Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 1176, y 759 [Root] 10:45:30

PC8

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.1

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::201:63FF:FE8C:436B

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

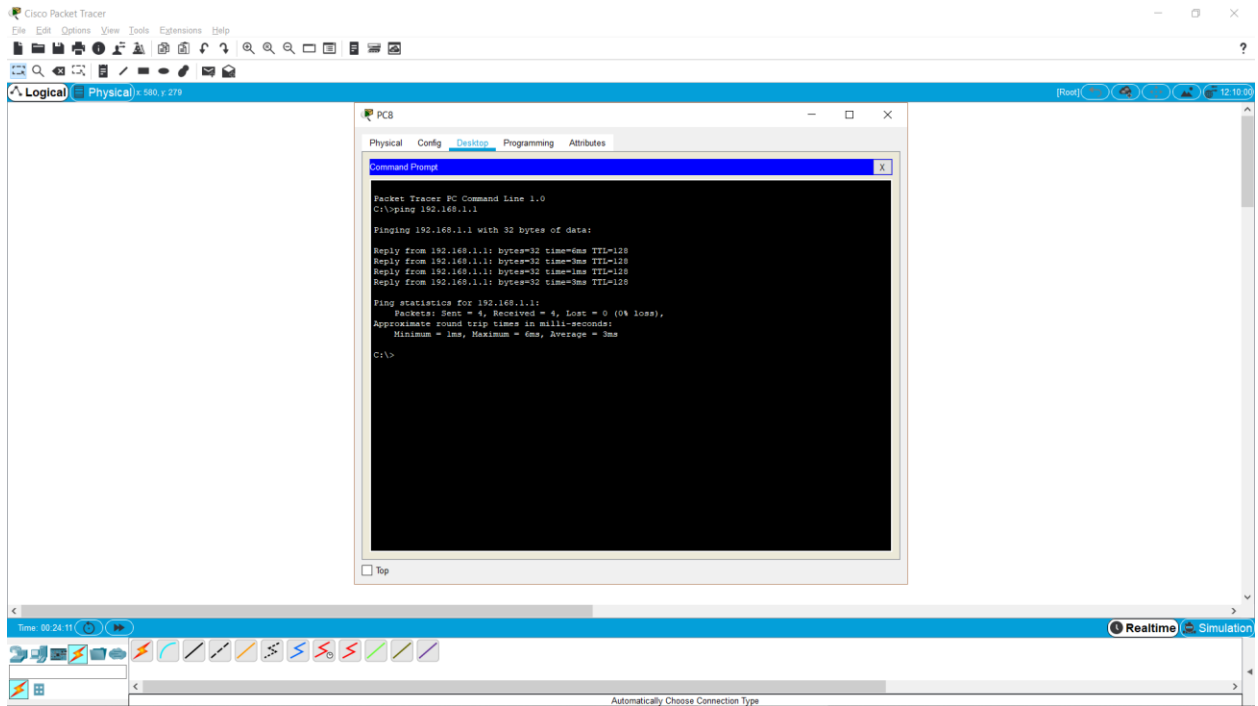
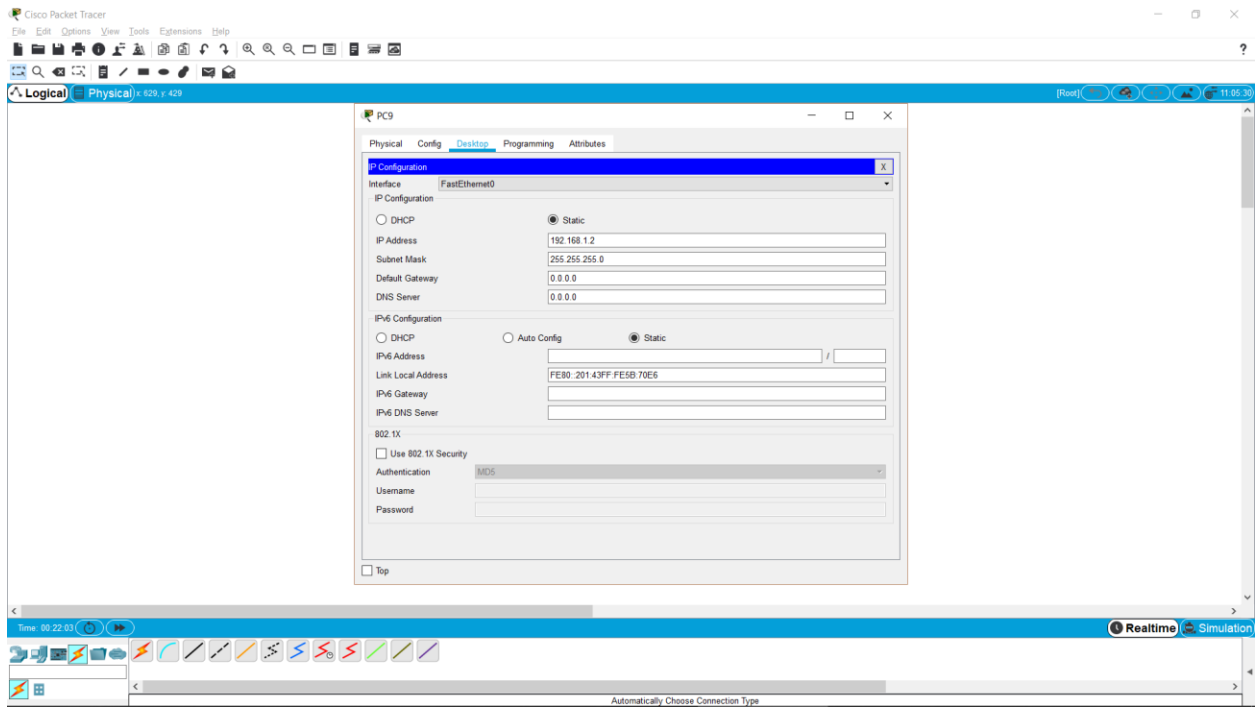
Password

☐ Tip

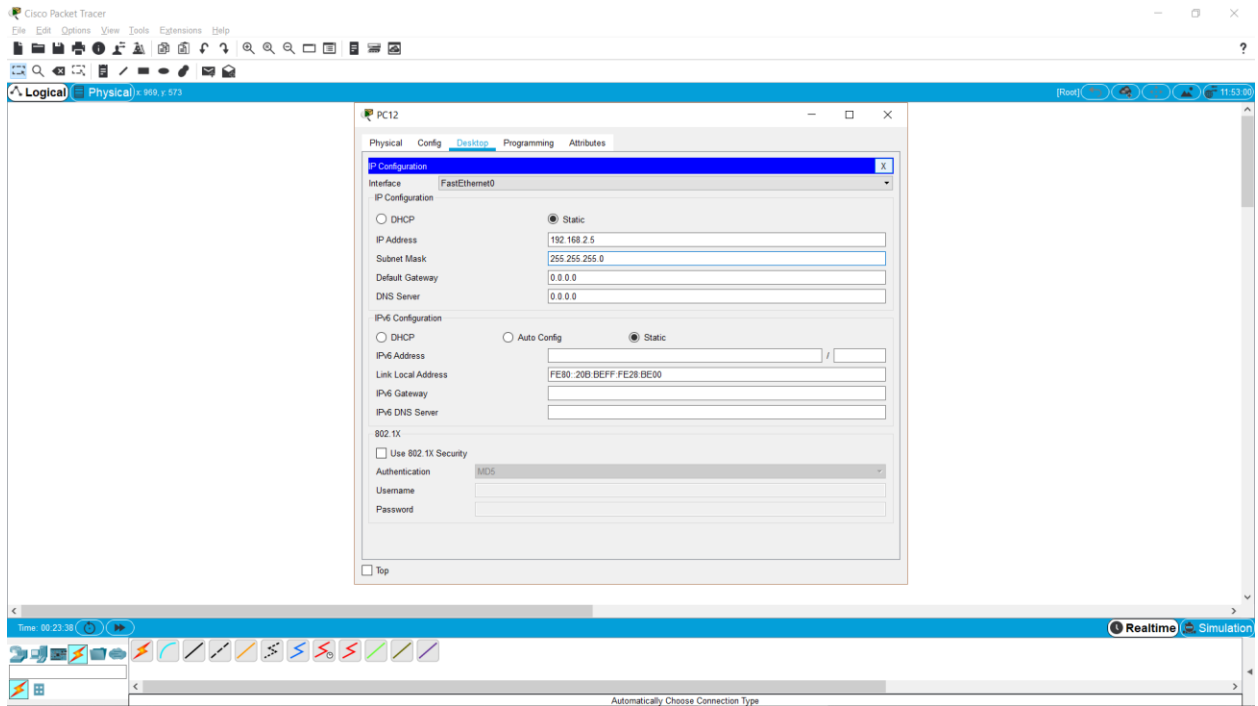
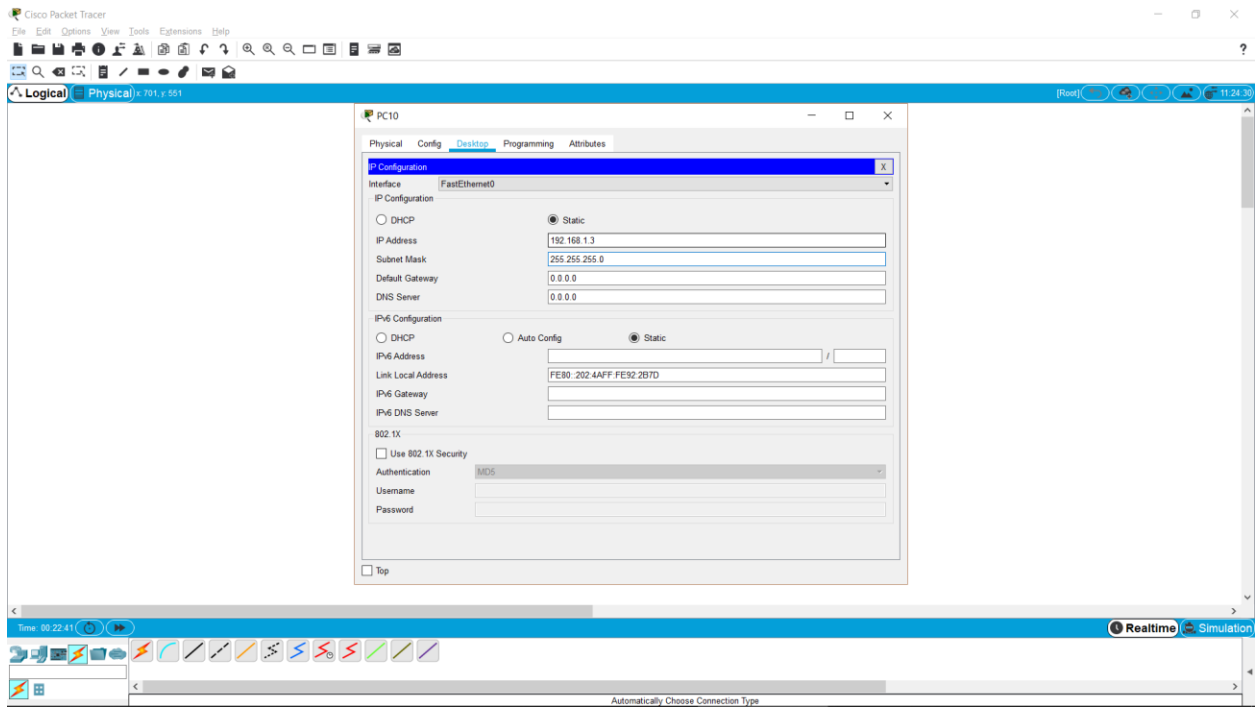
Time: 00:21:23

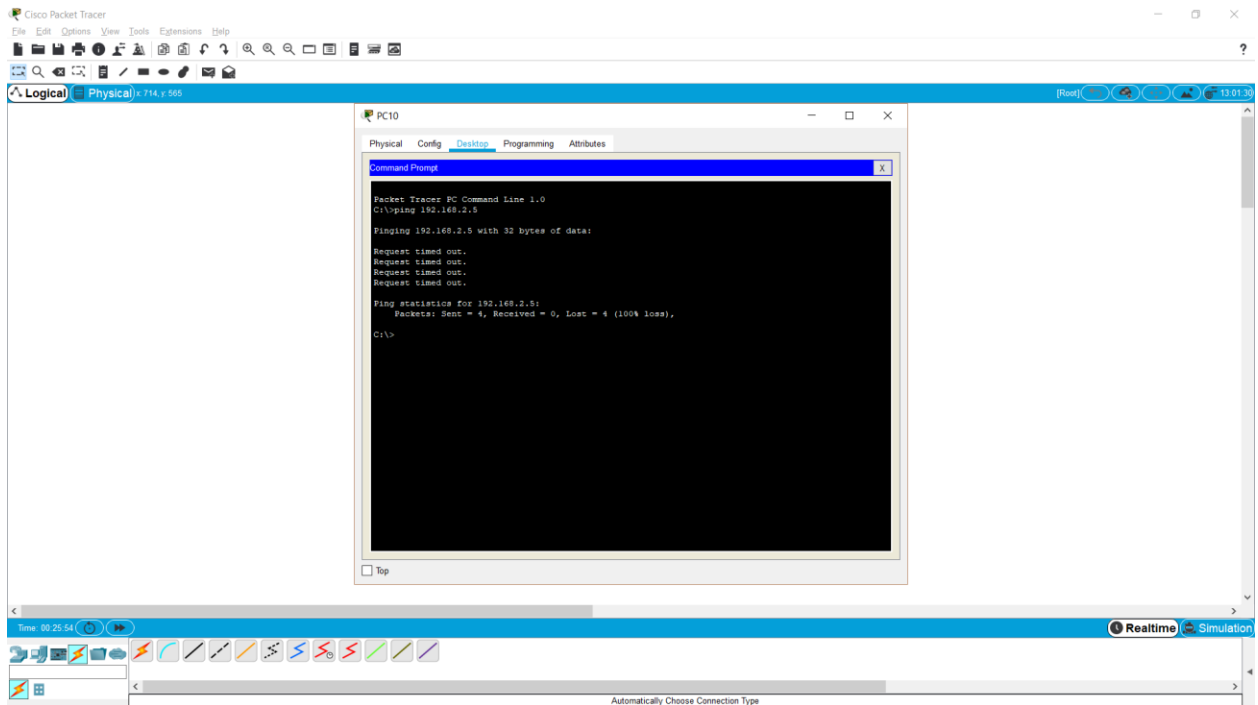
Realtime Simulation

Automatically Choose Connection Type

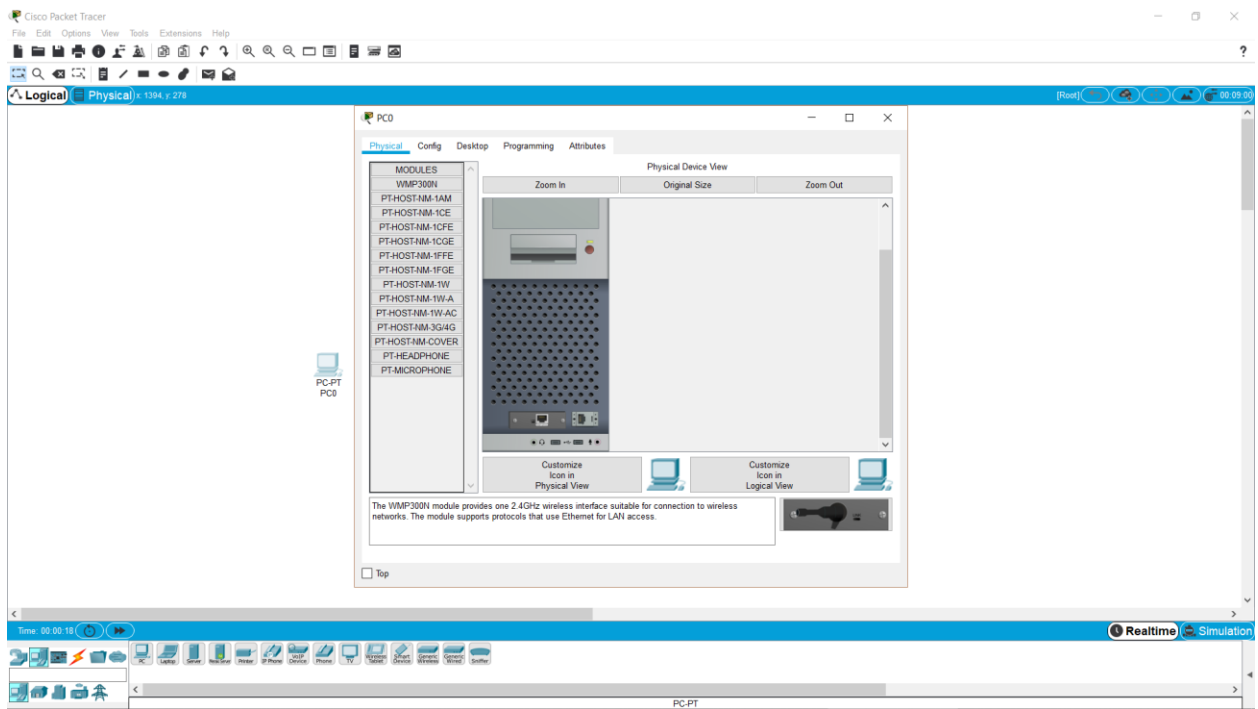


B. Dari PC 3 ke PC 5 tidak jalan karena network ip berbeda





## 4. INSTALASI JARINGAN NIRKABEL





Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x: 1197, y: 755 [Root] 09:19:30

PC0

Physical Config Desktop Programming Attributes

Physical Device View

Zoom In Original Size Zoom Out

MODULES

- WMP300N
- PT-HOSTNM-1AM
- PT-HOSTNM-1CE
- PT-HOSTNM-1CFE
- PT-HOSTNM-1CGE
- PT-HOSTNM-1FFE
- PT-HOSTNM-1FGE
- PT-HOSTNM-1W
- PT-HOSTNM-1W-A
- PT-HOSTNM-1W-AG
- PT-HOSTNM-3G/4G
- PT-HOSTNM-COVER
- PT-HEADPHONE
- PT-MICROPHONE

PC-PT PC0

The WMP300N module provides one 2.4GHz wireless interface suitable for connection to wireless networks. The module supports protocols that use Ethernet for LAN access.

Time: 00:00:39 Realtime Simulation

File Edit Options View Tools Extensions Help

Logical Physical x: 562, y: 471 [Root] 01:52:00

AccessPoint-PT  
Access Point

PC-PT PC0

PC-PT PC1

Time: 00:03:44 Realtime Simulation

Router-PT

## ➔ TUGAS

