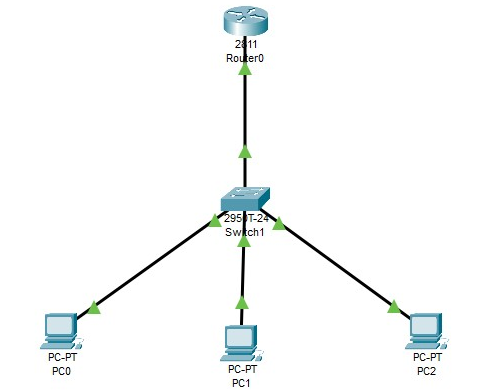
Nama : Meiysa Rifka Amelia

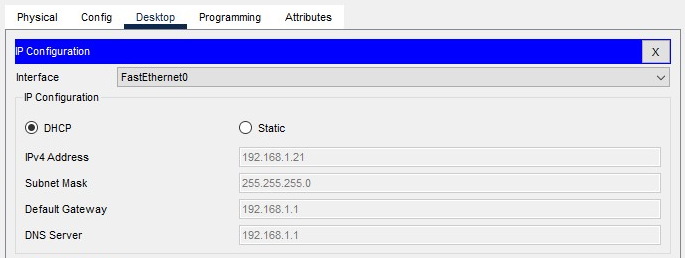
NIM : 09010182327017

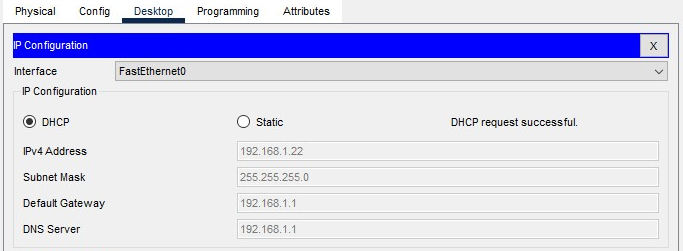
Kelas : MI 3A

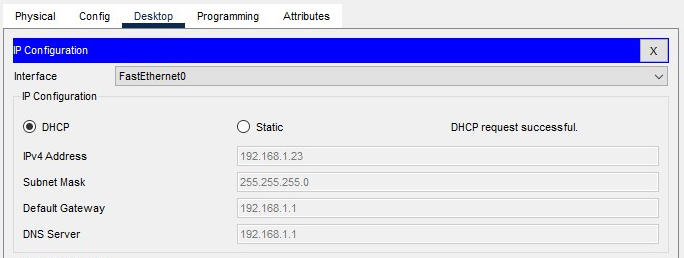
Matkul : Praktikum Jaringan Komputer



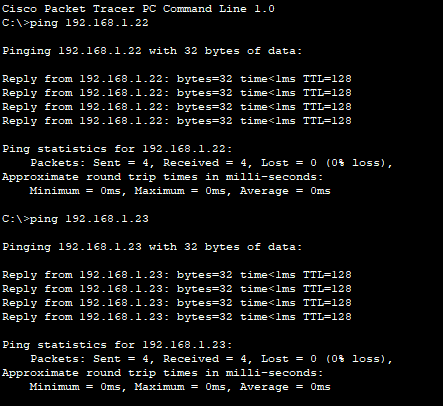
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | IP Address | MAC Address | Lease Expiration | Type |
| 1 | 192.168.1.21 | 0000.0C3B.103D | -- | Automatic |
| 2 | 192.168.1.22 | 0002.1680.SE04 | -- | Automatic |
| 3 | 192.168.1.23 | 0050.0FEC.5987 | -- | Automatic |

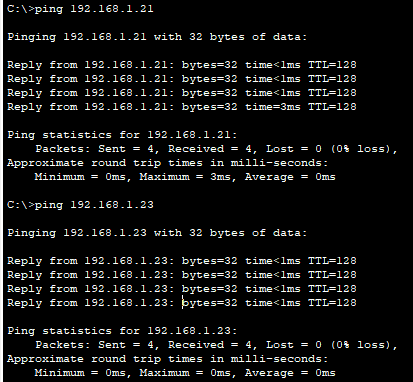


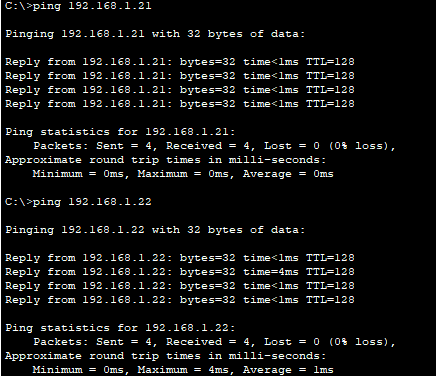


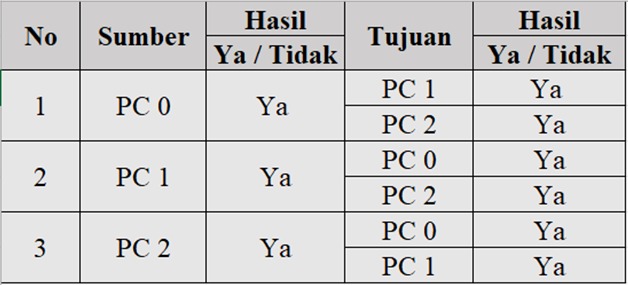


|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Client | IP Address | Netmask | Gateway | Dns |
| 1 | PC0 | 192.168.1.21 | 255.255.255.0 | 192.168.1.1 | 192.168.1.1 |
| 2 | PC1 | 192.168.1.22 | 255.255.255.0 | 192.168.1.1 | 192.168.1.1 |
| 3 | PC2 | 192.168.1.23 | 255.255.255.0 | 192.168.1.1 | 192.168.1.1 |

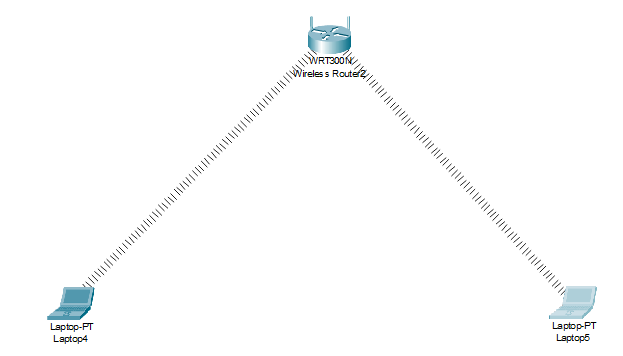
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**LATIHAN**

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1. Buat Topologi Seperti Gambar diatas (note\*: Gantilah device tablet menjadi laptop pada topologi diatas dan harus terhubung secara wireless)

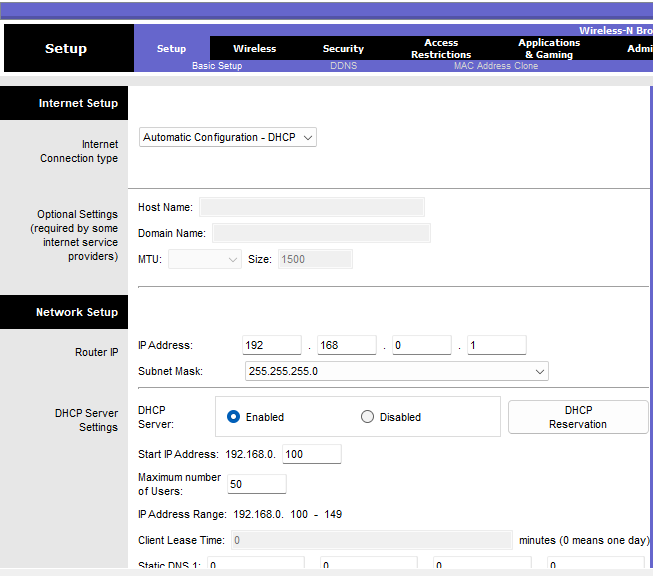
2. Konfigurasi Access Point

● Untuk mengkonfigurasi access point, klik Wireless Router yang sudah dipasang.

● Pilih tab/menu GUI

● Masukkan IP Address dengan 192.168.0.1

● Serta Subnet Mask dengan 255.255.255.0

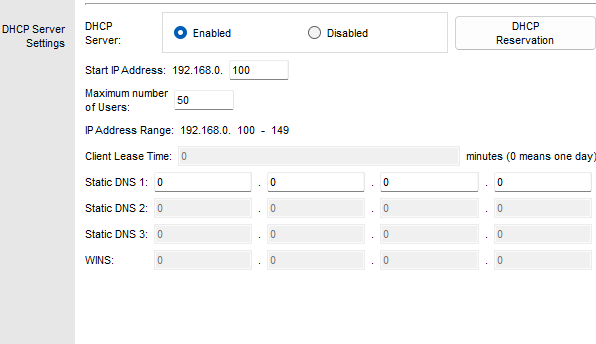
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● Aktifkan DHCP Server, menjadi Enabled

● Mulai IP Address, dan IP DHCP dimulai dari 192.168.0.100

● Maximum number of Users (jumlah maksimum dari IP DHCP)

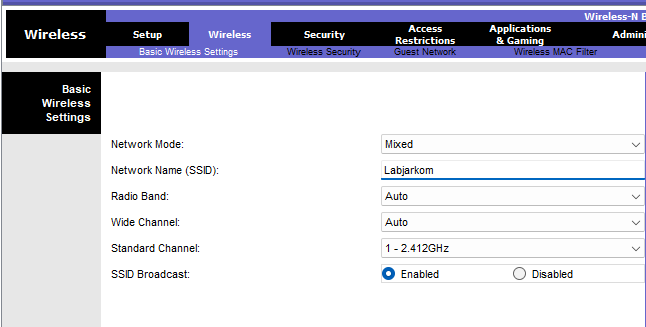
● Lalu simpan pengaturan (Save Settings)

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● Pilih tab/menu Wireless -> Basic Wireless Settings

● Buatlah nama SSID dengan LabJarkom

● Lalu simpan pengaturan (Save Settings)

****

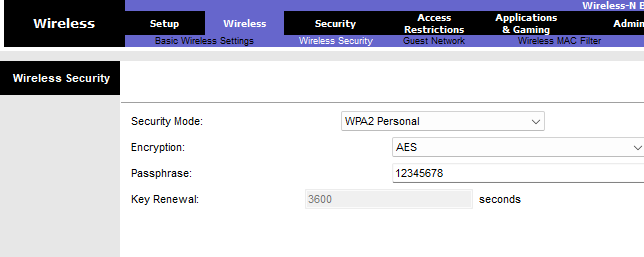
● Tekan tab/menu Wireless -> Wireless Security

● Lalu pada Security Mode akan menggunakan WPA2 Personal

● Dengan Encryption AES

● Serta Passphrase 12345678

● Lalu simpan pengaturan (Save Settings)

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3. Konfigurasi Client Konfigurasi LAPTOP 4

● Konfigurasi Laptop4 pada tab Config

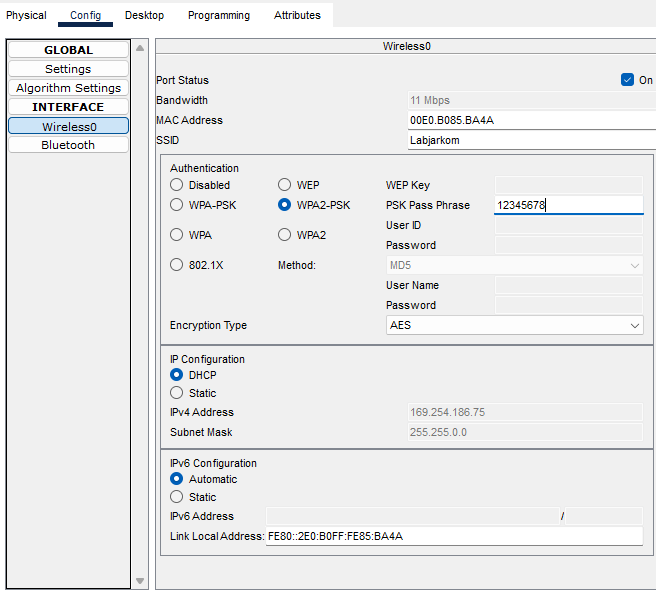
● SSID = LabJarkom

● Authentication = WPA2-PSK

● Pass Phrase = 12345678

● Pada IP Configuration memakai DHCP

● Nomor IP akan ditampilkan jika PC LAPTOP terhubung dan DCHP Server aktif

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Konfigurasi LAPTOP5

● Konfigurasi Laptop5 pada tab Config

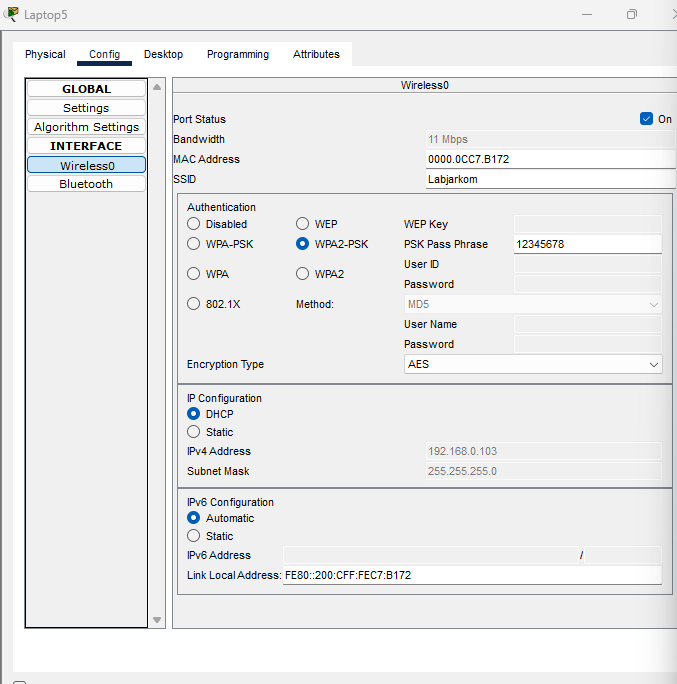
● SSID = LabJarkom

● Authentication = WPA2-PSK

● Pass Phrase = 12345678

● IP menggunakan DHCP

● Nomor IP akan ditampilkan jika Laptop5 terhubung dan DCHP Server aktif

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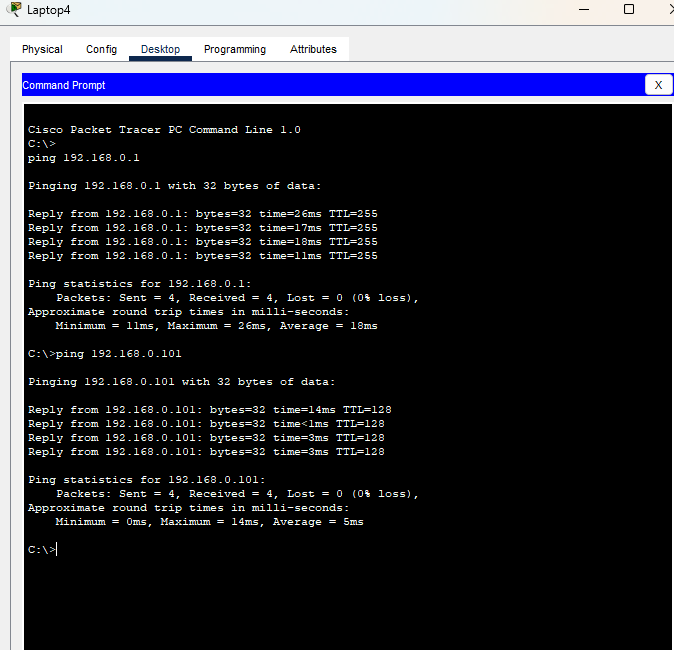
4. Pengujian PING

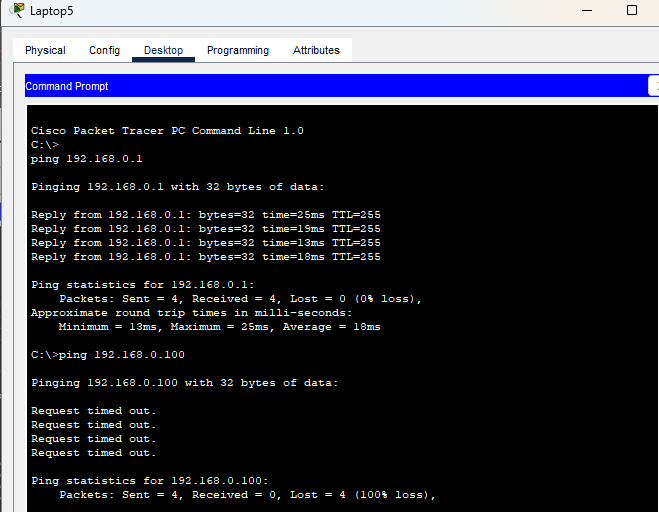
● Di Laptop, pilih tab/menu Desktop -> Command Prompt

● Jalankan perintah Ping ke IP Access Point 192.168.0.1

● Ping IP Laptop4 Ke Laptop5

● Lakukan juga pada Laptop5 ke Laptop4

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