

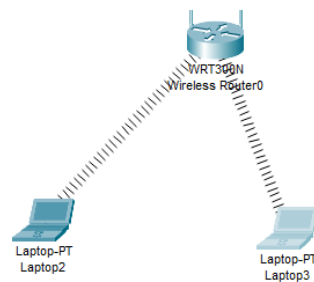
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Kelas : MI3A

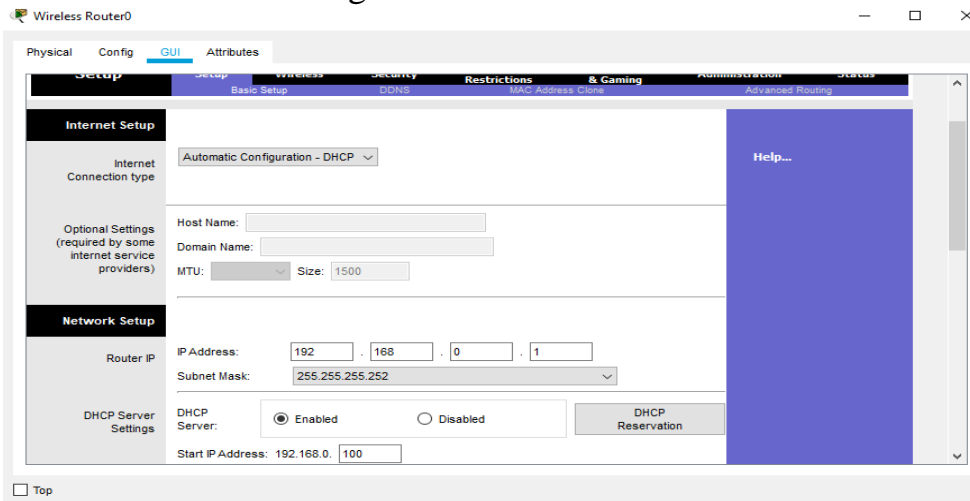
Mk : Park. Jarkom

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



- 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)

The screenshot shows the DHCP Server Settings page. On the left, there is a sidebar with 'Router IP' and 'DHCP Server Settings'. The main content area contains the following fields:

- Router IP:** IP Address: 192 . 168 . 0 . 1, Subnet Mask: 255.255.255.0
- DHCP Server:** ☒ Enabled, ☐ Disabled, and a 'DHCP Reservation' button.
- Start IP Address:** 192.168.0. 100
- Maximum number of Users:** 50
- IP Address Range:** 192.168.0. 100 - 149
- Client Lease Time:** 0 minutes (0 means one day)
- Static DNS:** Static DNS 1, 2, and 3, each with four input fields (all set to 0).
- WINS:** Four input fields (all set to 0).

At the bottom left, there is a 'Top' link.

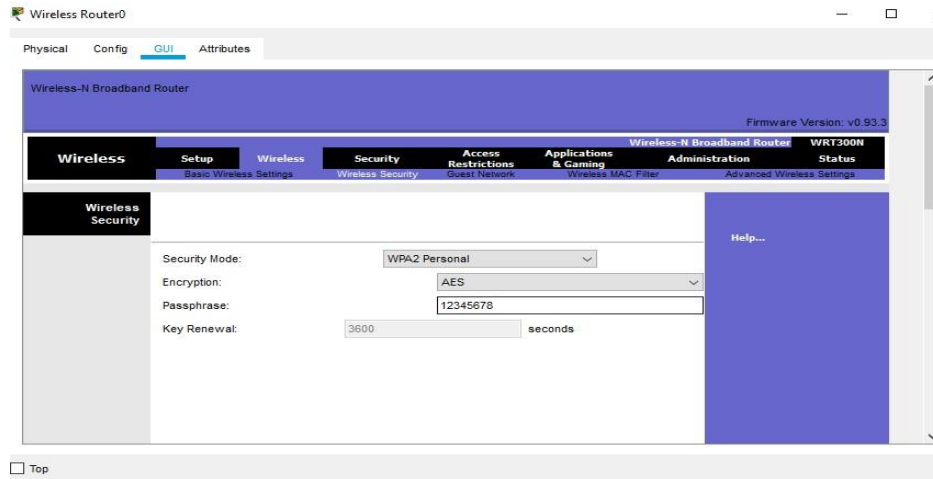
- Pilih tab/menu Wireless -> Basic Wireless Settings
- Buatlah nama SSID dengan LabJarkom
- Lalu simpan pengaturan (Save Settings)

The screenshot shows the Basic Wireless Settings page. At the top, there is a navigation bar with 'Physical', 'Config', 'GUI', and 'Attributes'. Below this is a 'Wireless-N Broadband Router' header with 'Firmware Version: v0.93.3' and 'WRT300N'. The main content area has a sidebar with 'Wireless' and 'Basic Wireless Settings'. The main content area contains the following fields:

- Network Mode:** Mixed
- Network Name (SSID):** LabJarkom
- Radio Band:** Auto
- Wide Channel:** Auto
- Standard Channel:** 11 - 2.462GHz
- SSID Broadcast:** ☒ Enabled, ☐ Disabled

At the bottom left, there is a 'Top' link.

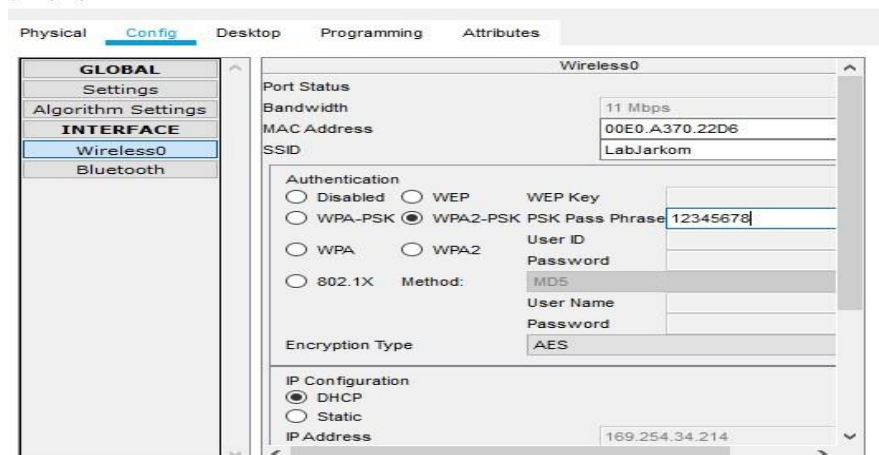
- Tekan tab/menu Wireless -> Wireless Security
- Lalu pada Security Mode akan menggunakan WPA2 Personal
- Dengan Encryption AES
- Serta Passphrase 12345678
- Lalu simpan pengaturan (Save Settings)



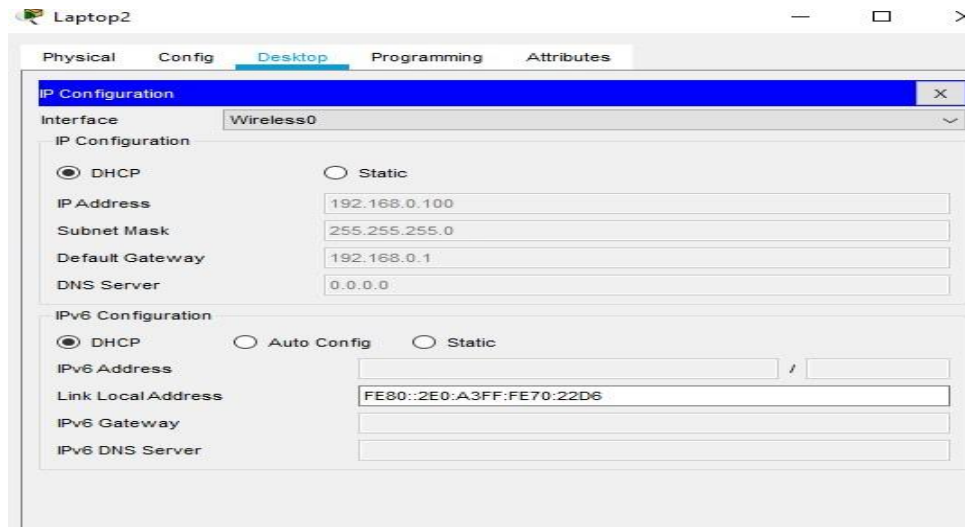
### 3. Konfigurasi Client

#### Konfigurasi Tablet PC0

- Konfigurasi Tablet PC pada tab Config
- SSID = LabJarkom
- Authentication = WPA2-PSK
- Pass Phrase = 12345678

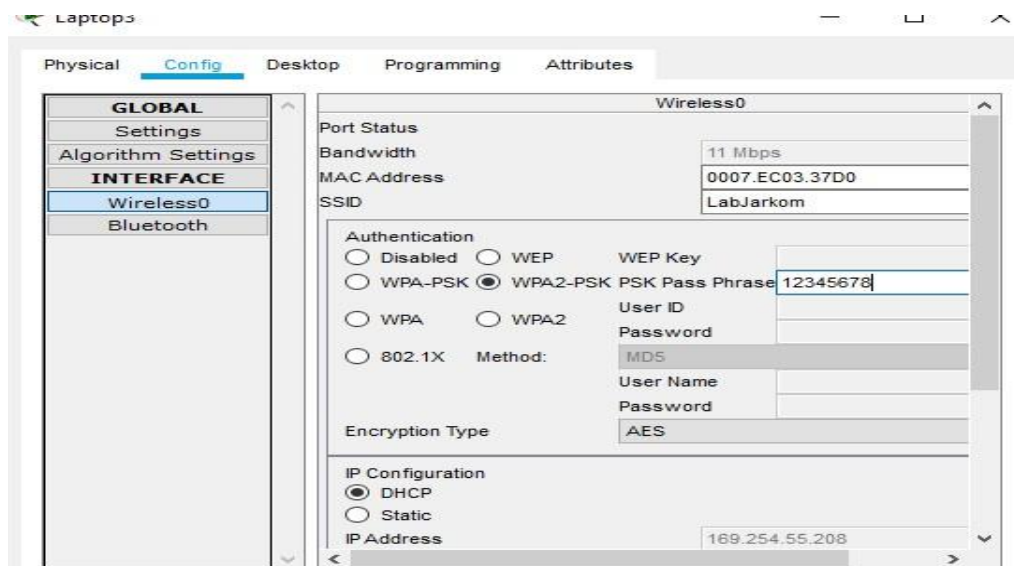


- Pada IP Configuration memakai DHCP
- Nomor IP akan ditampilkan jika PC Tablet terhubung dan DHCP Server aktif

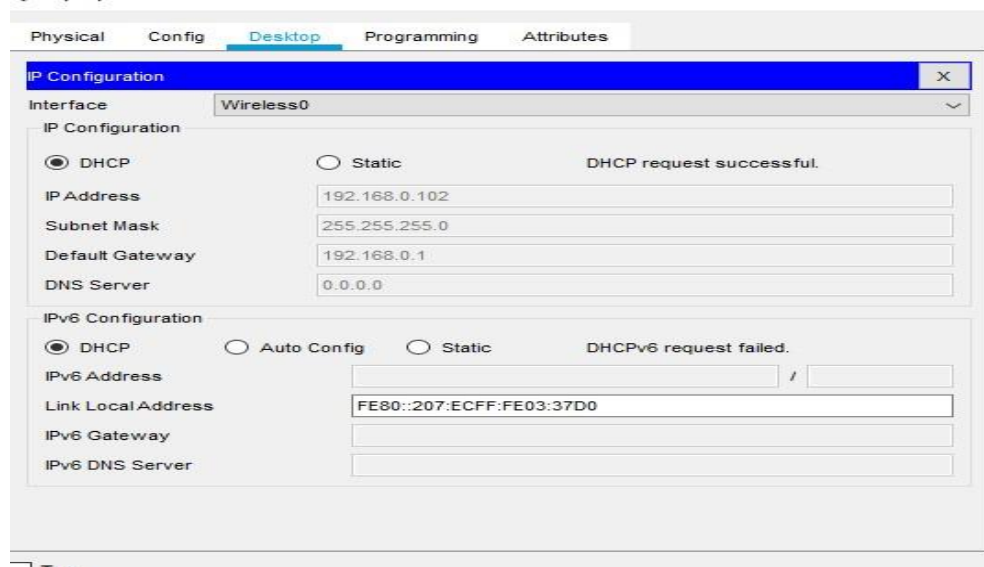


## Konfigurasi Tablet PC1

- Konfigurasi Tablet PC pada tab Config
- SSID = LabJarkom
- Authentication = WPA2-PSK
- Pass Phrase = 12345678



- IP menggunakan DHCP
- Nomor IP akan ditampilkan jika PC Tablet terhubung dan DHCP Server aktif



#### 4. Pengujian PING

- Di PC Tablet, pilih tab/menu Desktop -> Command Prompt
- Jalankan perintah Ping ke IP Access Point 192.168.0.1
- Ping IP PC TabletPC0 Ke PC TabletPC1
- Lakukan juga pada PC TabletPC1 ke PC TabletPC0

