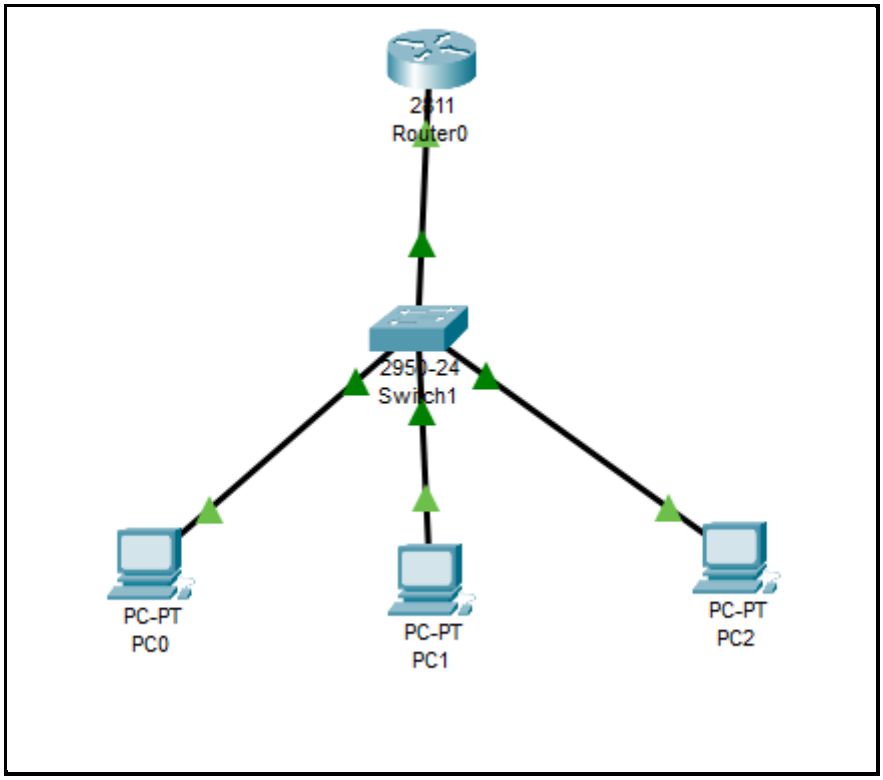
Nama : Muh. Zuhri Mubarak

Nim : 09010282327034

Kelas : MI 3A

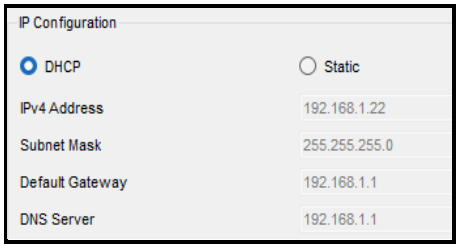
MK : Praktikum Jaringan Komputer

# DHCP




```
09010282327034_DHCP#sh ip dhcp binding
IP address       Client-ID/              Lease expiration        Type
                 Hardware address
192.168.1.21     0001.43ED.0A56           --                     Automatic
192.168.1.22     0007.EC23.7E39           --                     Automatic
192.168.1.23     0060.3E3B.EA8A           --                     Automatic
09010282327034_DHCP#
```

| No | IP Address | MAC Address | Lease Expiration | Type |
|---|---|---|---|---|
| 1 | 192.168.1.21 | 0001.43ED.0A56 | - - | Automic |
| 2 | 192.168.1.22 | 0007.EC23.7E39 | - - | Automic |
| 3 | 192.168.1.23 | 0060.3E3B.EASA | - - | Automic |



| 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 |

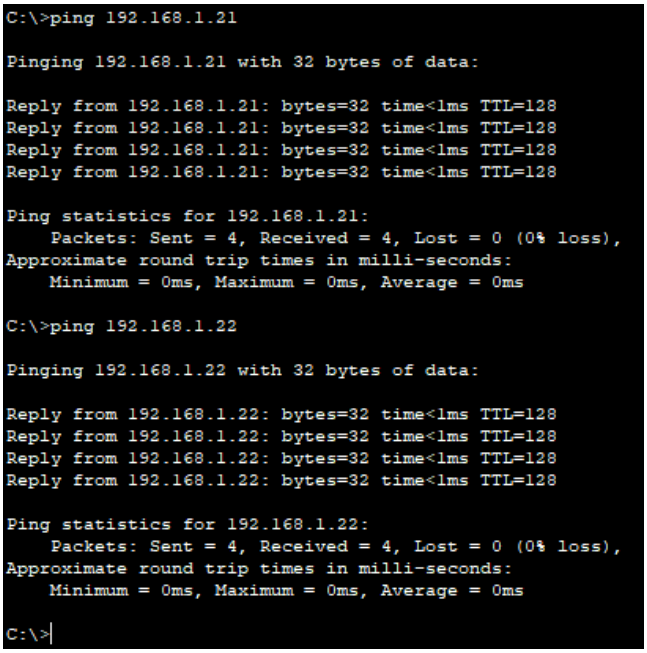
PC 0

```
C:\>ping 192.168.1.22

Pinging 192.168.1.22 with 32 bytes of data:

Reply from 192.168.1.22: bytes=32 time<1ms TTL=128
Reply from 192.168.1.22: bytes=32 time<1ms TTL=128
Reply from 192.168.1.22: bytes=32 time<1ms TTL=128
Reply from 192.168.1.22: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.1.23

Pinging 192.168.1.23 with 32 bytes of data:

Reply from 192.168.1.23: bytes=32 time<1ms TTL=128
Reply from 192.168.1.23: bytes=32 time<1ms TTL=128
Reply from 192.168.1.23: bytes=32 time<1ms TTL=128
Reply from 192.168.1.23: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.23:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

PC 1

```
C:\>ping 192.168.1.21

Pinging 192.168.1.21 with 32 bytes of data:

Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.1.23

Pinging 192.168.1.23 with 32 bytes of data:

Reply from 192.168.1.23: bytes=32 time<1ms TTL=128
Reply from 192.168.1.23: bytes=32 time<1ms TTL=128
Reply from 192.168.1.23: bytes=32 time<1ms TTL=128
Reply from 192.168.1.23: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.23:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

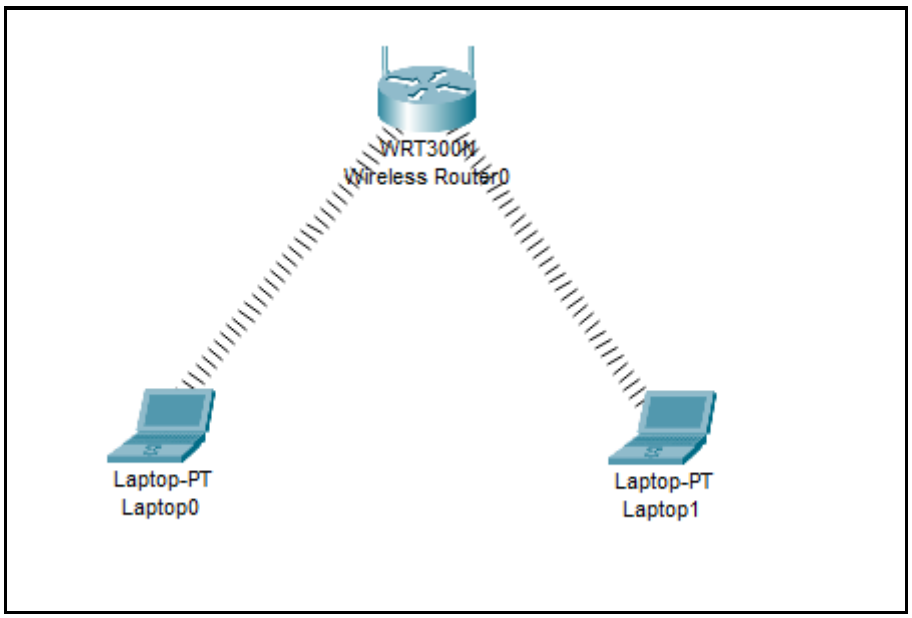
PC 2



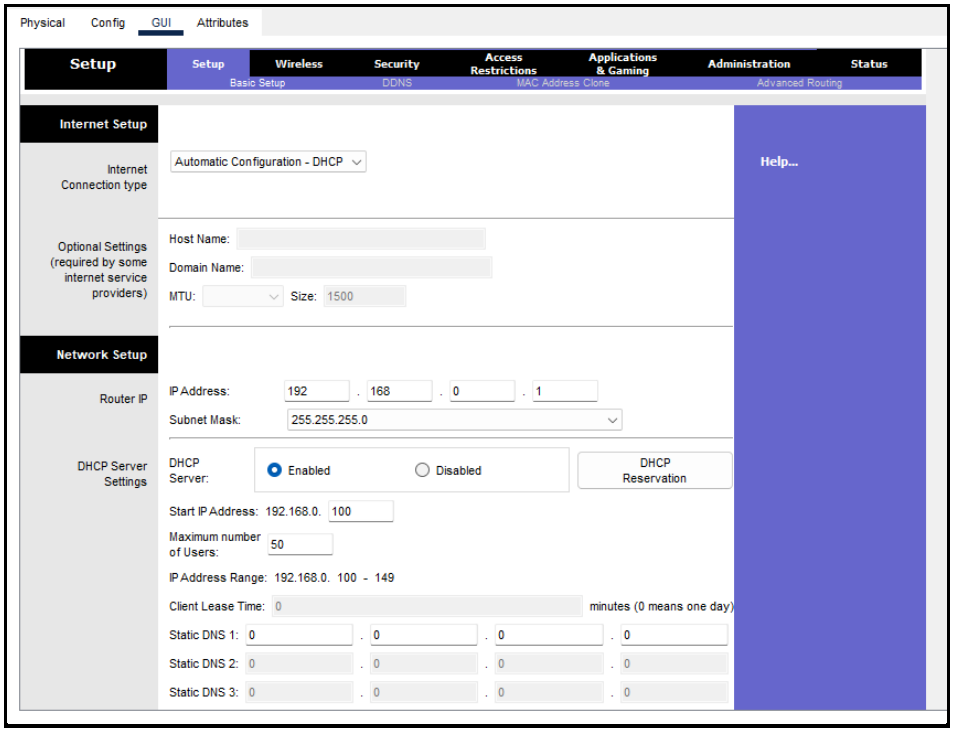

| No | Sumber | Hasil | Tujuan | Hasil |
|---|---|---|---|---|
| | | Ya / Tidak | | Ya / Tidak |
| 1 | PC 0 | Ya | PC 1 | Ya |
| | | Ya | PC 2 | Ya |
| 2 | PC 1 | Ya | PC 0 | Ya |
| | | Ya | PC 2 | Ya |
| 3 | PC 2 | Ya | PC 0 | Ya |
| | | Ya | PC 1 | Ya |

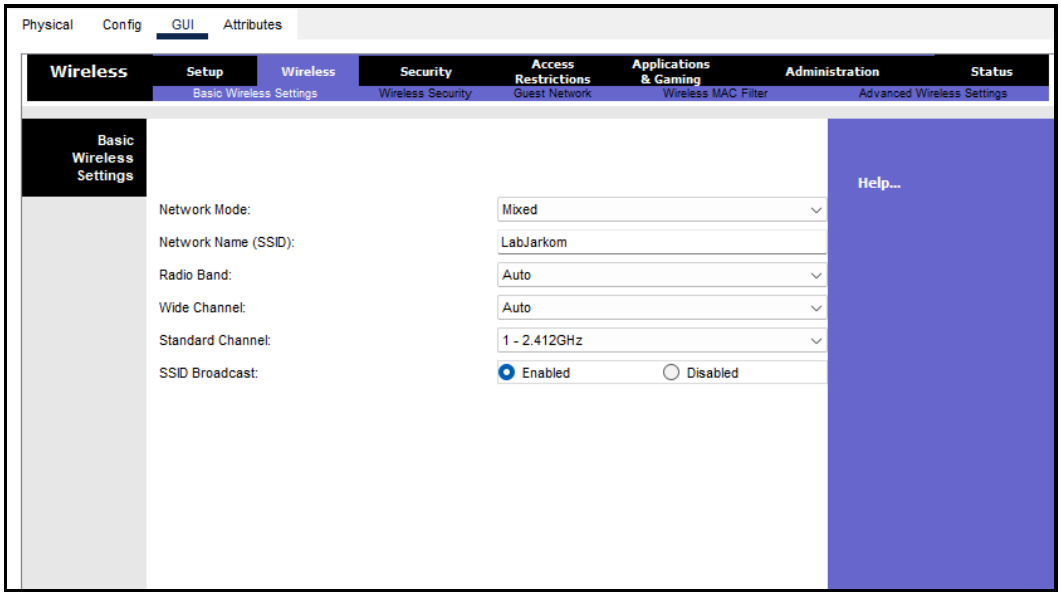
# Wireless

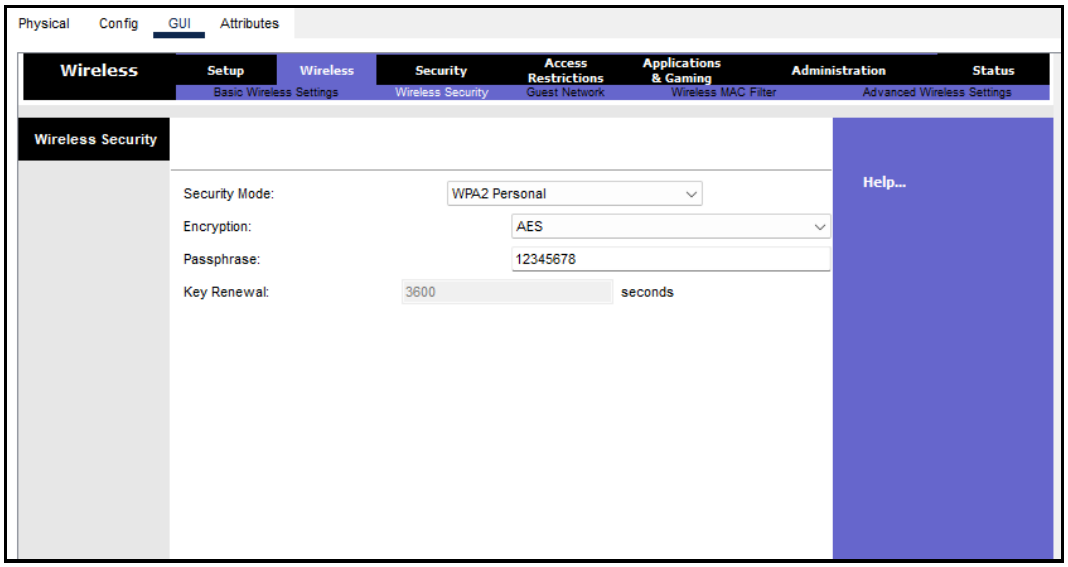
1. Buat Topologi



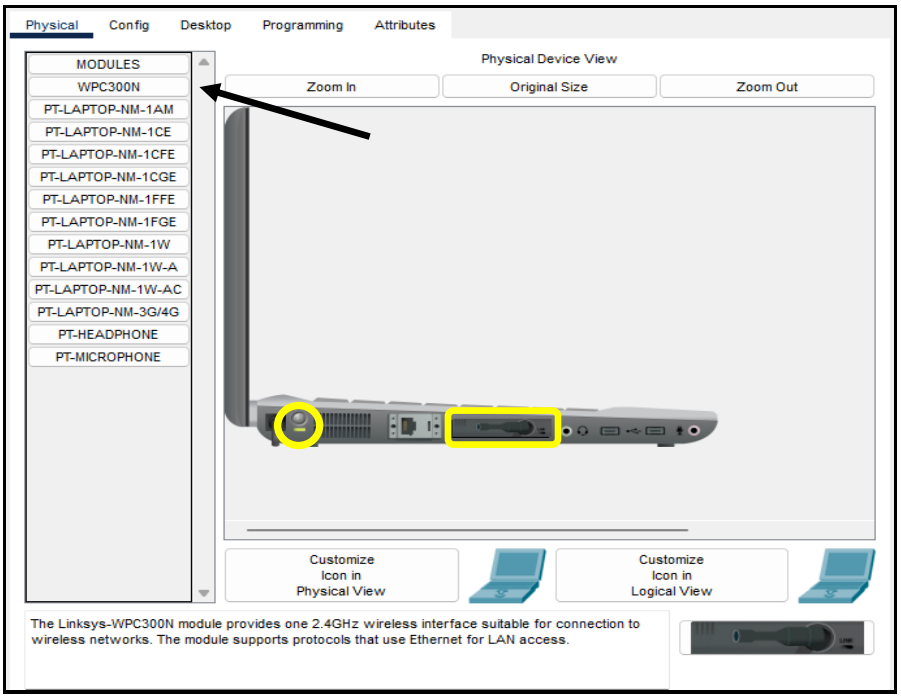

2. Konfigurasi Access Point



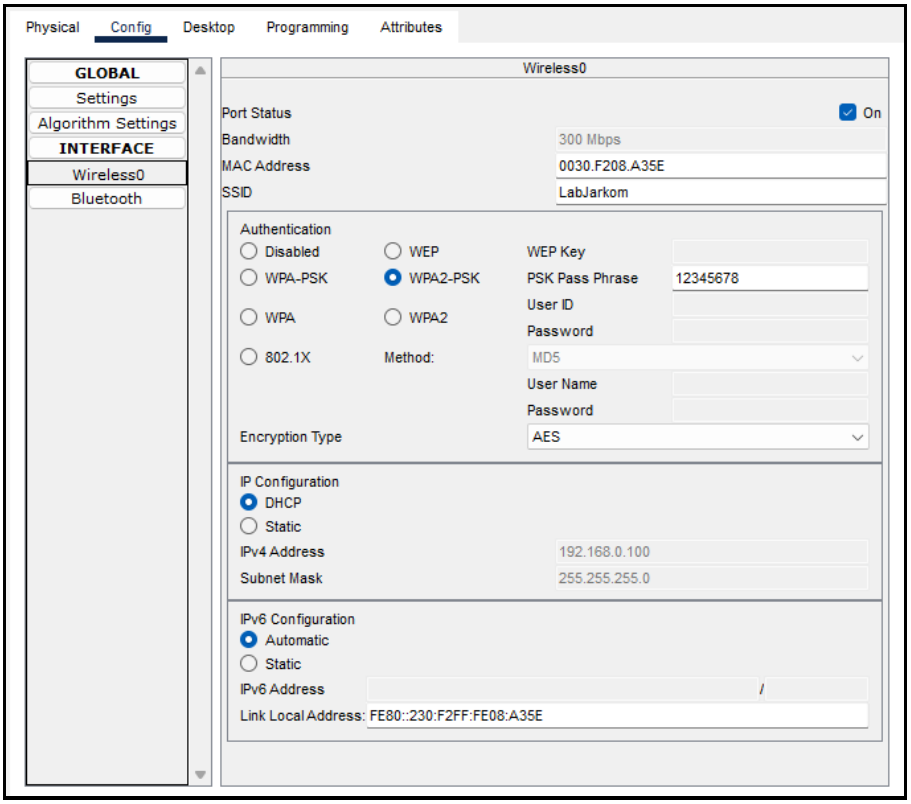

Physical
Config
GUI
Attributes
Wireless
Setup
Wireless
Security
Access Restrictions
Applications & Gaming
Administration
Status
Basic Wireless Settings
Wireless Security
Guest Network
Wireless MAC Filter
Advanced Wireless Settings
Basic Wireless Settings
Help...
Network Mode:
Mixed
Network Name (SSID):
LabJarkom
Radio Band:
Auto
Wide Channel:
Auto
Standard Channel:
1 - 2.412GHz
SSID Broadcast:
Enabled
Disabled


Physical
Config
GUI
Attributes
Wireless
Setup
Wireless
Security
Access Restrictions
Applications & Gaming
Administration
Status
Basic Wireless Settings
Wireless Security
Guest Network
Wireless MAC Filter
Advanced Wireless Settings
Wireless Security
Help...
Security Mode:
WPA2 Personal
Encryption:
AES
Passphrase:
12345678
Key Renewal:
3600
seconds

3. Konfigurasi Client

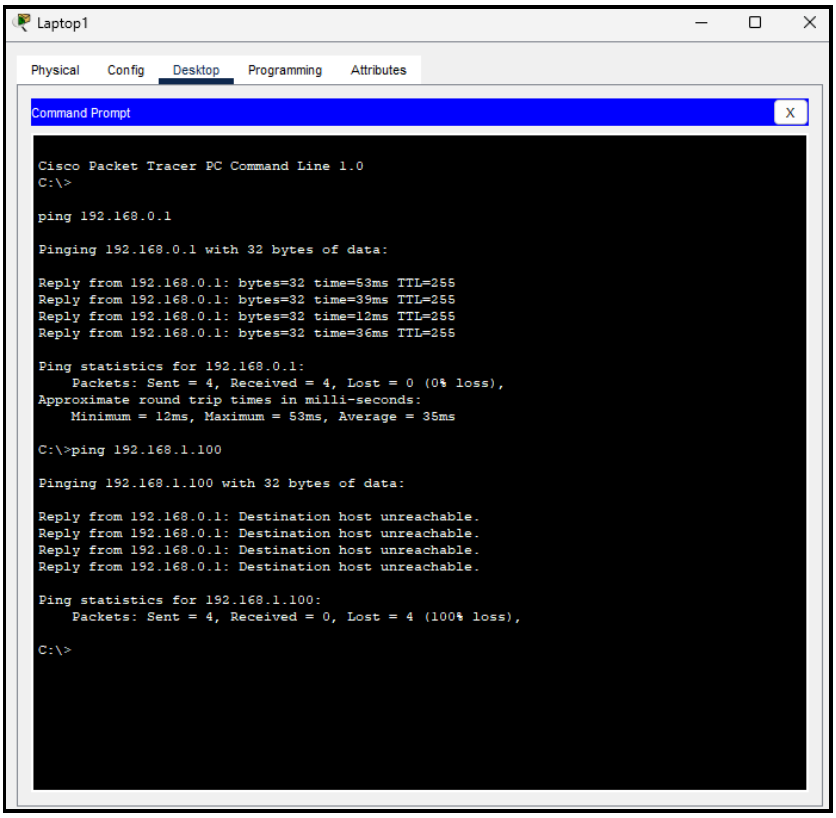



- Tekan tombol power untuk mematikan
- Seret PT-Laptop default ke dalam modules dan gantikan WPC300N
- Tekan tombol power untuk menghidupkannya



4. Pengujian Ping

PC 0




PC 1