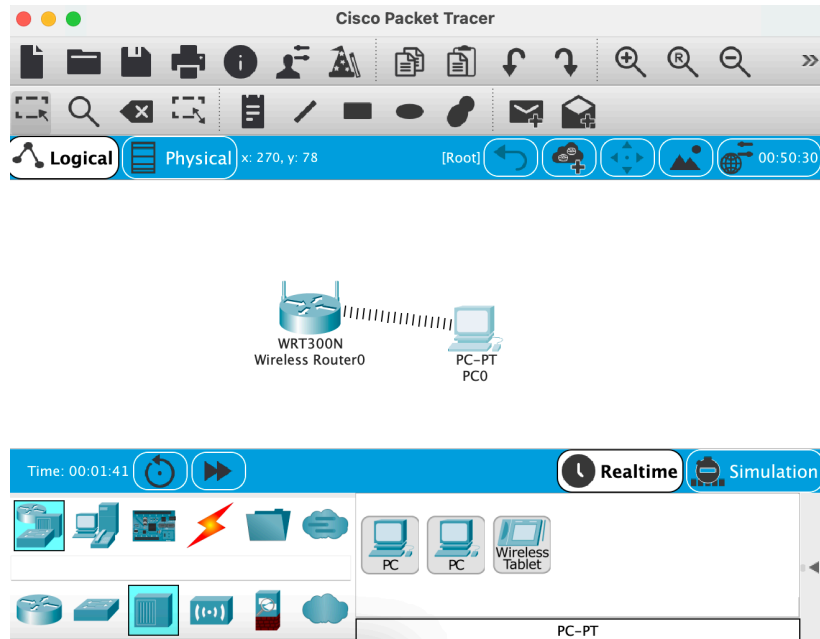


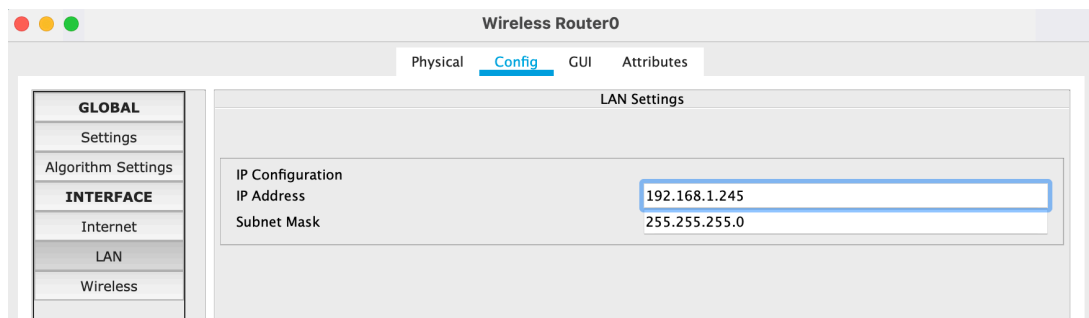
B) Konfigurasi Router-Access Point (Non-Kabel)

1) Konfigurasi Manual IP Address

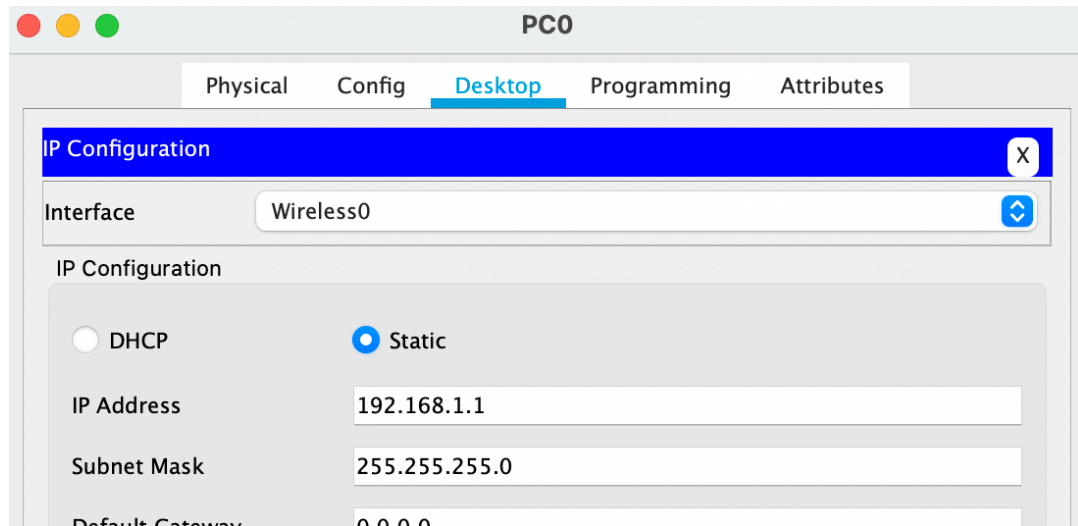
a)



b)



c)



d)

PC0

```
Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=1ms TTL=128
Reply from 192.168.1.1: bytes=32 time=2ms TTL=128
Reply from 192.168.1.1: bytes=32 time=3ms TTL=128
Reply from 192.168.1.1: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 3ms, Average = 1ms
```

Wireless Router0

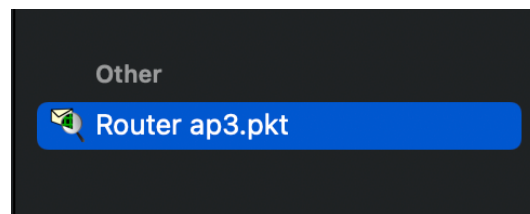
```
C:\>ping 192.168.1.254

Pinging 192.168.1.254 with 32 bytes of data:

Reply from 192.168.1.254: bytes=32 time=34ms TTL=255
Reply from 192.168.1.254: bytes=32 time=12ms TTL=255
Reply from 192.168.1.254: bytes=32 time=11ms TTL=255
Reply from 192.168.1.254: bytes=32 time=19ms TTL=255

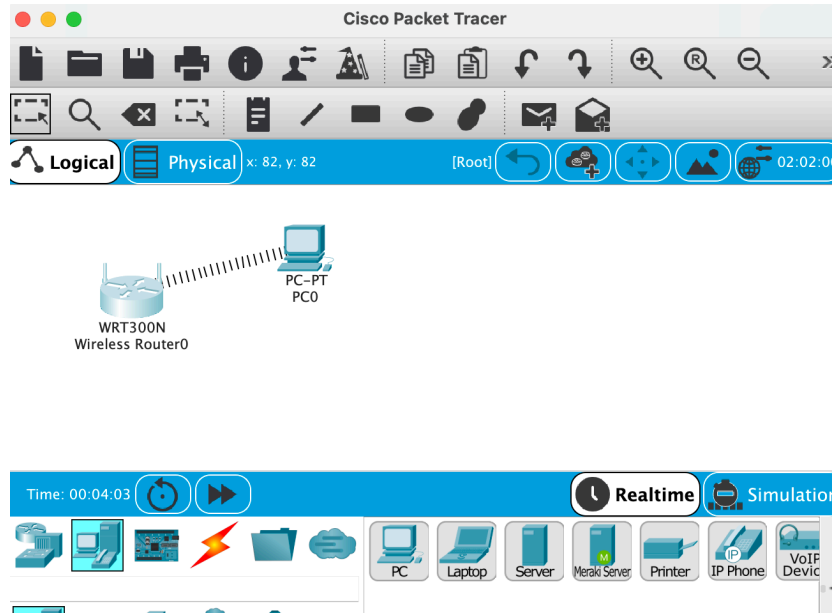
Ping statistics for 192.168.1.254:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 11ms, Maximum = 34ms, Average = 19ms
```

e)

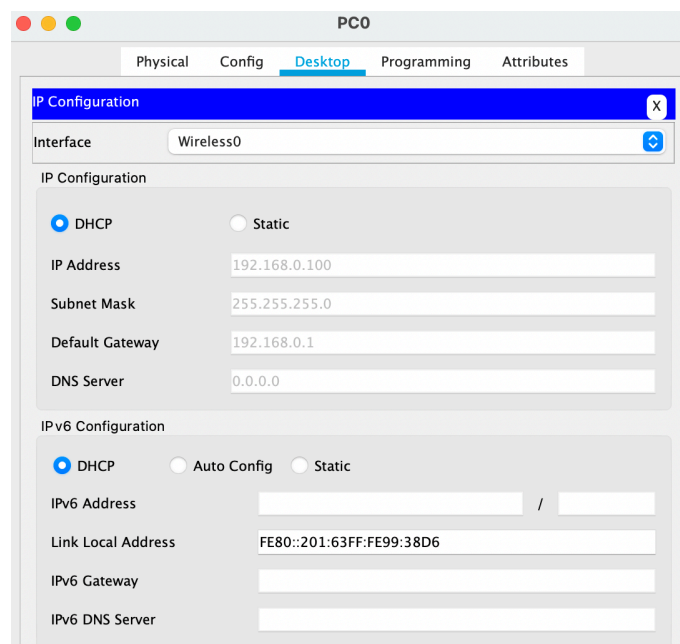


2) Konfigurasi Dynamic IP Address

a)



b)



c)

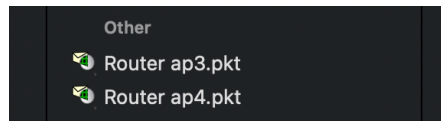
```
C:\>
ping 192.168.0.100

Pinging 192.168.0.100 with 32 bytes of data:

Reply from 192.168.0.100: bytes=32 time=10ms TTL=128
Reply from 192.168.0.100: bytes=32 time=11ms TTL=128
Reply from 192.168.0.100: bytes=32 time=1ms TTL=128
Reply from 192.168.0.100: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.0.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 11ms, Average = 6ms
```

d)

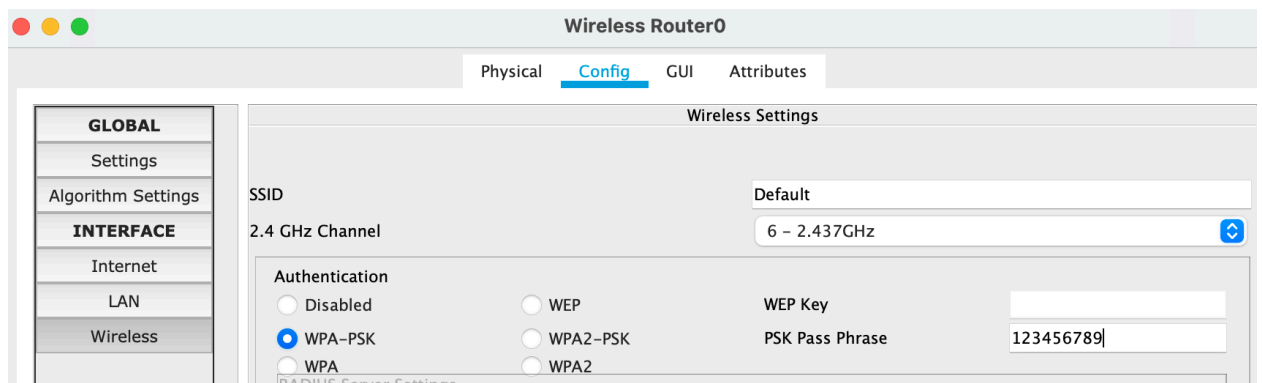


c) Scurity Router-Access Point

a)



b)



c)

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: Wireless0

IP Configuration

☒ DHCP ☐ Static DHCP failed. APIPA is being used.

IP Address: 169.254.134.167

Subnet Mask: 255.255.0.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☒ DHCP ☐ Auto Config ☐ Static DHCPv6 request failed.

IPv6 Address: /

Link Local Address: FE80::202:17FF:FEC2:86A7

d)

PC0

Physical Config **Desktop** Programming Attributes

Link Information Connect Profiles

Below is a list of available wireless networks. To search for more wireless networks, click the **Refresh** button. To view more information about a network, select the wireless network name. To connect to that network, click the **Connect** button below.

Wireless Network Name	CH	Signal
Default	1	100%

Site Information

Wireless Mode: Infrastructure

Network Type: Mixed B/C/N

Radio Band: Auto

Security: WPA1-PSK

MAC Address: 0002.1781.5E06

Refresh Connect

Adapter is installed

Wireless-N Notebook Adapter Wireless Network Monitor v1.0 Model No. WPC30

e)

PC0

Physical Config **Desktop** Programming Attributes

WPA-Personal Needed for Connection

This wireless network has WPA-Personal, also known as Pre-Shared Key, enabled. To connect to this network, select the encryption type. Enter the required Pre-Shared Key in the appropriate field below. Then click the **Connect** button.

Security: WPA-Personal

Encryption: AES

Pre-shared Key: 123456789

Please select the wireless security method used by your existing wireless network.

Please select an encryption type used to protect your wireless data transmissions.

Please enter a Pre-shared Key that is 8 to 63 characters in length.

Cancel Connect

f)

```
C:\>ping 169.254.134.167

Pinging 169.254.134.167 with 32 bytes of data:

Reply from 192.168.0.1: Destination host unreachable.
Reply from 192.168.0.1: Destination host unreachable.
Reply from 192.168.0.1: Destination host unreachable.
Reply from 192.168.0.1: Destination host unreachable.

Ping statistics for 169.254.134.167:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

g)

