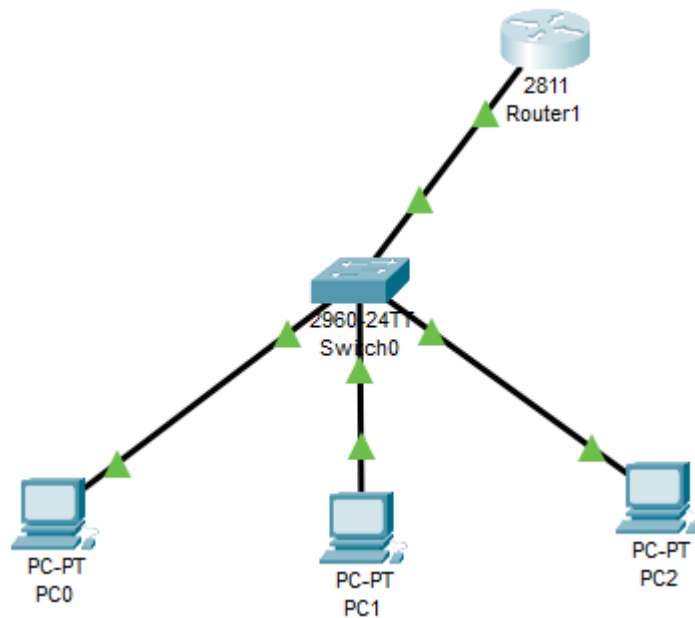


Nama : Ayu andira etterwan

Nim : 09010282327022

Kelas : MI3A

A. PERCOBAAN



```
09010282327022_DHCP#sh ip dhcp binding
```

IP address	Client-ID/ Hardware address	Lease expiration	Type
192.168.1.21	0060.3E1D.B944	--	Automatic
192.168.1.22	0002.1727.DCDB	--	Automatic
192.168.1.23	0009.7C0E.2ACC	--	Automatic

```
09010282327022_DHCP#
```

No	IP address	MAC address	Lease expiration	type
1	192.168.1.21	0060.3E1D.B944	--	Automatic
2	192.168.1.22	0002.1727.DCDB	--	Automatic
3	192.168.1.23	0009.7C0E.2ACC	--	automatic

IPv4 Address	192.168.1.21
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.1

IPv4 Address	192.168.1.22
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.1

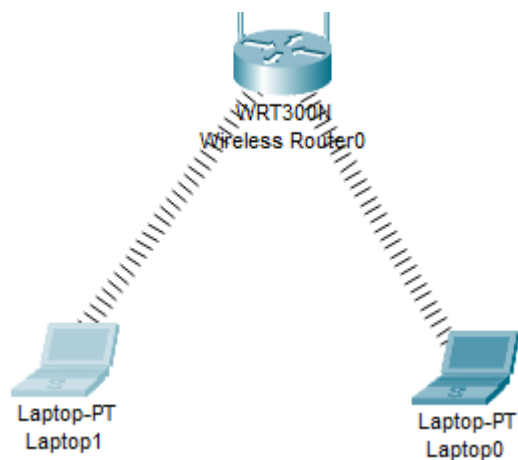
IPv4 Address	192.168.1.23
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.1

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

DAFTAR IP CLIENT

NO	sumber	Hasil	tujuan	Hasil
		TA/TIDAK		YA/TIDAK
1	PC0	YA	PC1	YA
		YA	PC2	YA
2	PC1	YA	PC0	YA
		YA	PC2	YA
3	PC2	YA	PC0	YA
		YA	PC1	YA

B. Tugas praktikum



1. Konfigurasi access point, menu wireless-> basic wireless settings

The screenshot shows the 'Basic Wireless Settings' tab under the 'Wireless' menu. The settings are as follows:

- Network Mode: Mixed
- Network Name (SSID): LabJarkom
- Radio Band: Auto
- Wide Channel: Auto
- Standard Channel: 1 - 2.412GHz
- SSID Broadcast: ☒ Enabled ☐ Disabled

A 'Help...' button is visible on the right side of the page.

2. Menu wireless -> wireless security

The screenshot shows the 'Wireless Security' tab under the 'Wireless' menu. The settings are as follows:

- Security Mode: WPA Personal
- Encryption: AES
- Passphrase: 123456789
- Key Renewal: 3600 seconds

A 'Help...' button is visible on the right side of the page.

3. Masukkan konfigurasi client

Konfigurasi Laptop 0 dan laptop 1

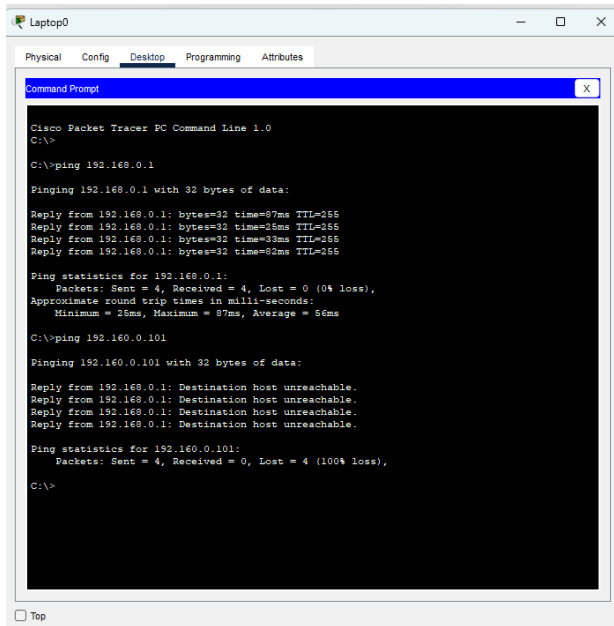
- Konfigurasi laptop 0 pada tab config
- SSID = LabJarkom
- Authentication = WPA2-PSK
- Pass Phrase = 123456789
- Pada IP Configuration memakai DHCP

NO	client	IP Address	Netmask	Gateway
1	Laptop 0	192.168.0.102	255.255.255.0	192.168.0.1
2	Laptop 1	192.168.0.100	255.255.255.0	192.168.0.1

4. Pengujian PING Di Laptop-PT, pilih tab/menu Desktop -> Command Prompt

- jalankan perintah Ping ke IP Access Point 192.168.0.1
- Ping IP Laptop 0 Ke Laptop 1
- Lakukan juga pada Laptop 1 ke Laptop 0

Gambar hasil pengujian PING pada laptop 0



```
Cisco Packet Tracer PC Command Line 1.0
C:\>
C:\>ping 192.168.0.1

Pinging 192.168.0.1 with 32 bytes of data:

Reply from 192.168.0.1: bytes=32 time=37ms TTL=255
Reply from 192.168.0.1: bytes=32 time=26ms TTL=255
Reply from 192.168.0.1: bytes=32 time=33ms TTL=255
Reply from 192.168.0.1: bytes=32 time=82ms TTL=255

Ping statistics for 192.168.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 26ms, Maximum = 87ms, Average = 56ms

C:\>ping 192.160.0.101

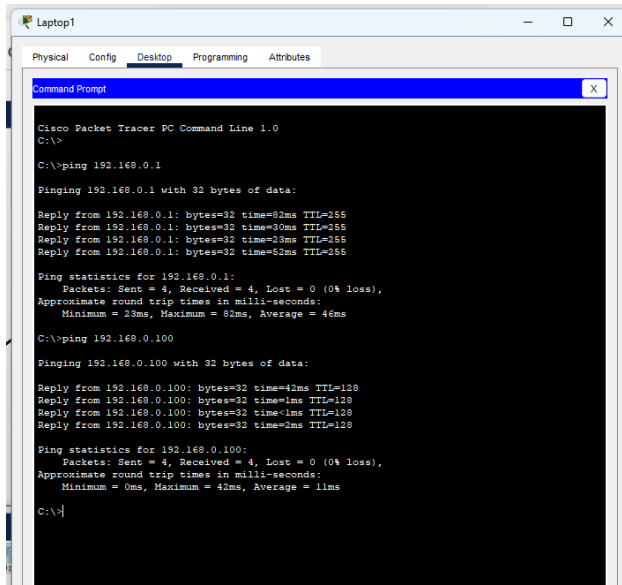
Pinging 192.160.0.101 with 32 bytes of data:

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 192.160.0.101:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

Gambar hasil pengujian PING pada laptop 1



```
Cisco Packet Tracer PC Command Line 1.0
C:\>
C:\>ping 192.168.0.1

Pinging 192.168.0.1 with 32 bytes of data:

Reply from 192.168.0.1: bytes=32 time=82ms TTL=255
Reply from 192.168.0.1: bytes=32 time=90ms TTL=255
Reply from 192.168.0.1: bytes=32 time=23ms TTL=255
Reply from 192.168.0.1: bytes=32 time=52ms TTL=255

Ping statistics for 192.168.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 23ms, Maximum = 92ms, Average = 46ms

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=42ms TTL=128
Reply from 192.168.0.100: bytes=32 time=1ms TTL=128
Reply from 192.168.0.100: bytes=32 time=1ms TTL=128
Reply from 192.168.0.100: bytes=32 time=2ms 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 = 0ms, Maximum = 42ms, Average = 11ms

C:\>
```