Laporan Praktikum Konsep Jaringan

NAT(Network Address Translations)

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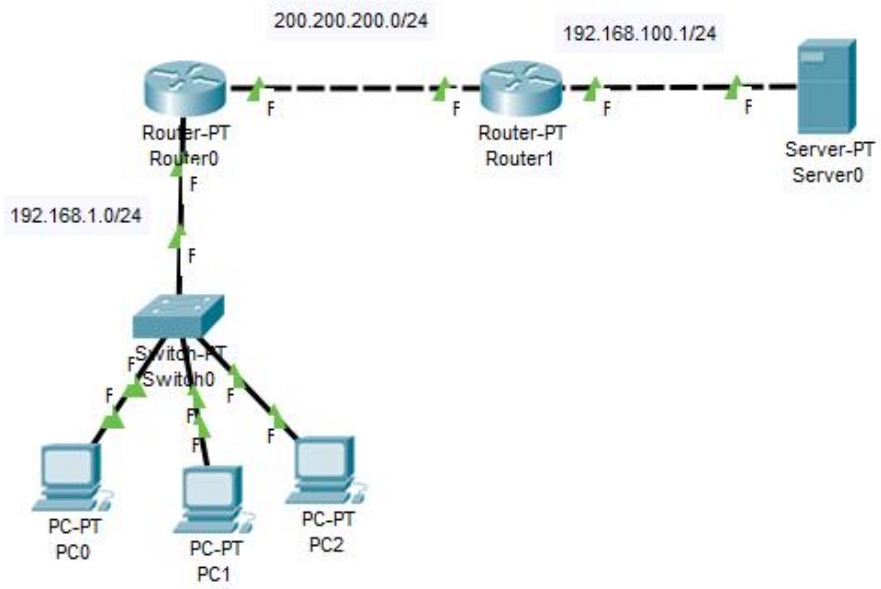
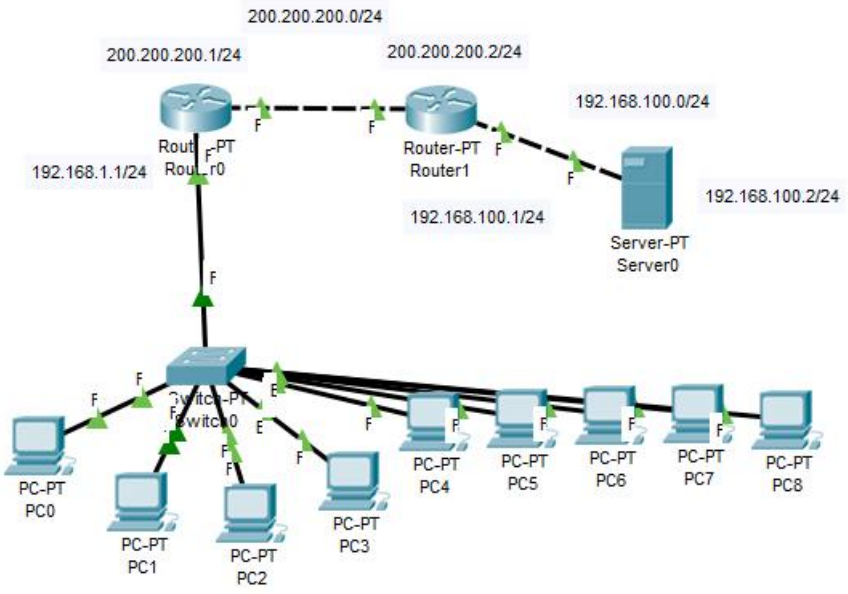
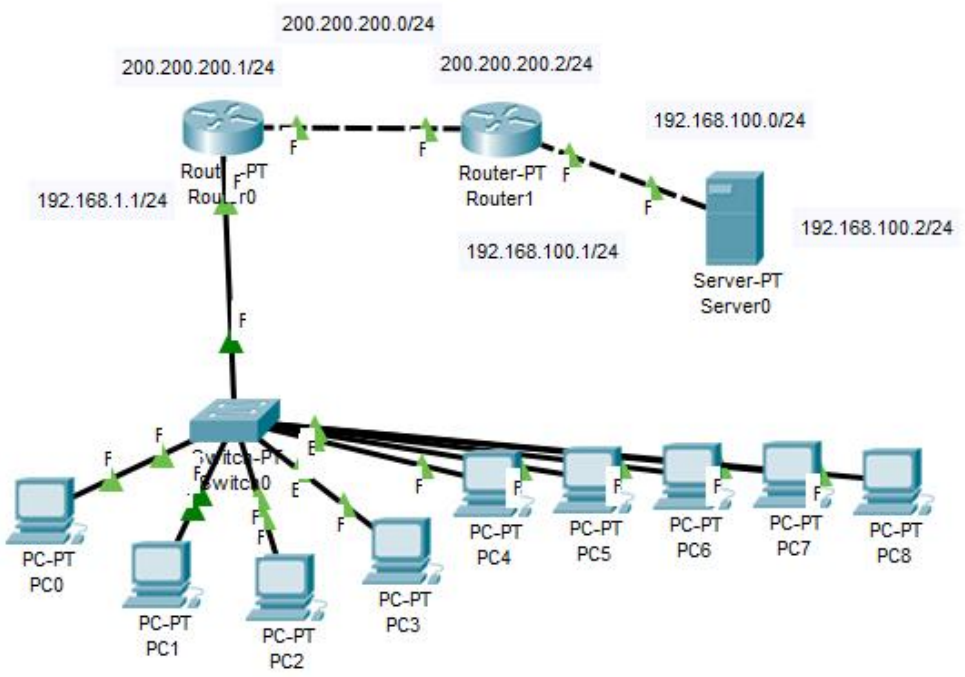
Topologi NAT Static



Topologi NAT Dynamic

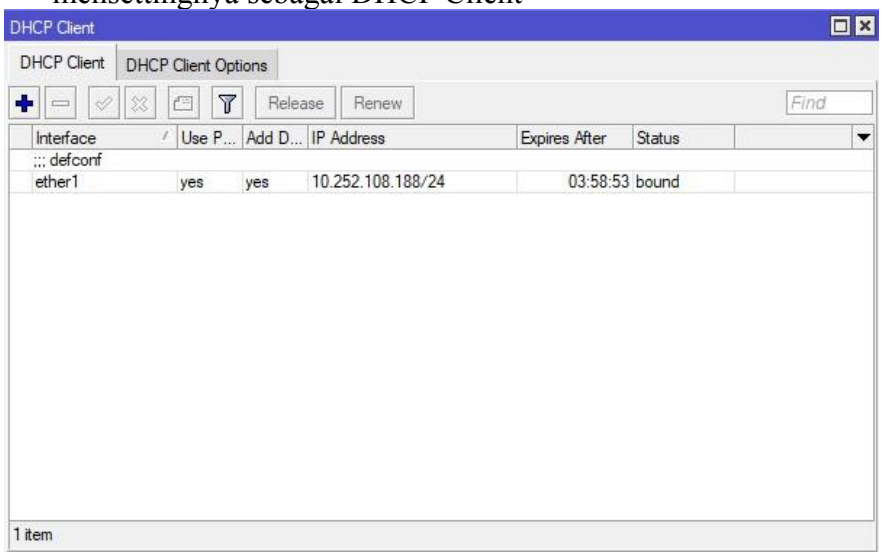


Topologi NAT PAT

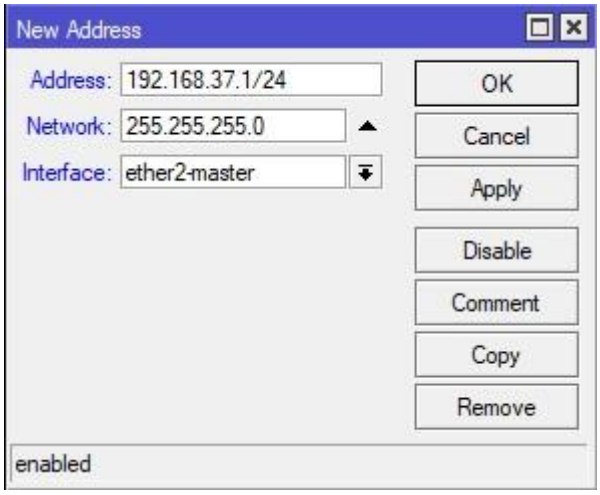


Konfigurasi NAT diMikrotik

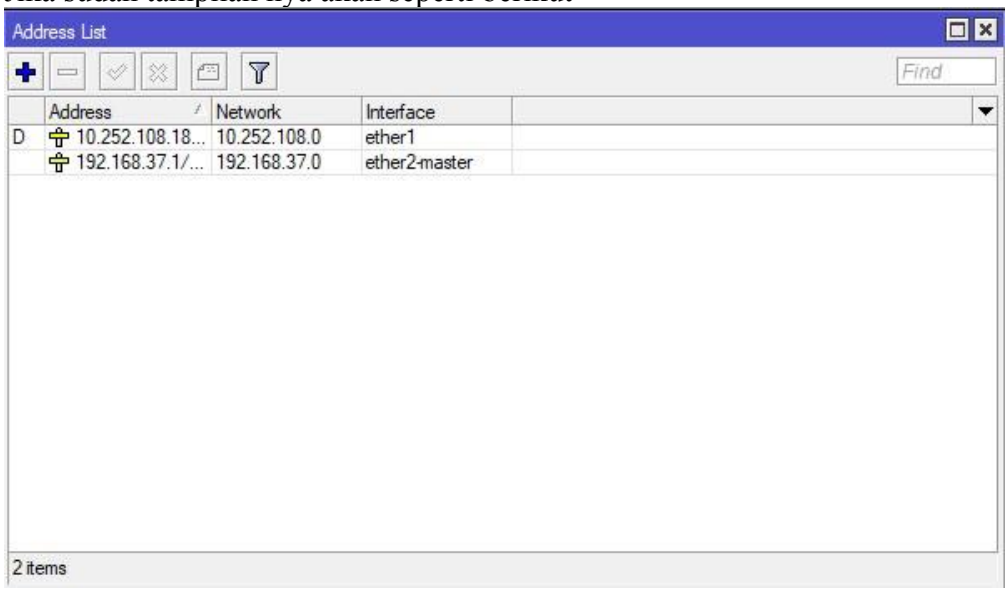
buka **IP>DHCP Client,** dikarenakan LAN menggunakan DHCP maka kita harus mensettingnya sebagai DHCP Client



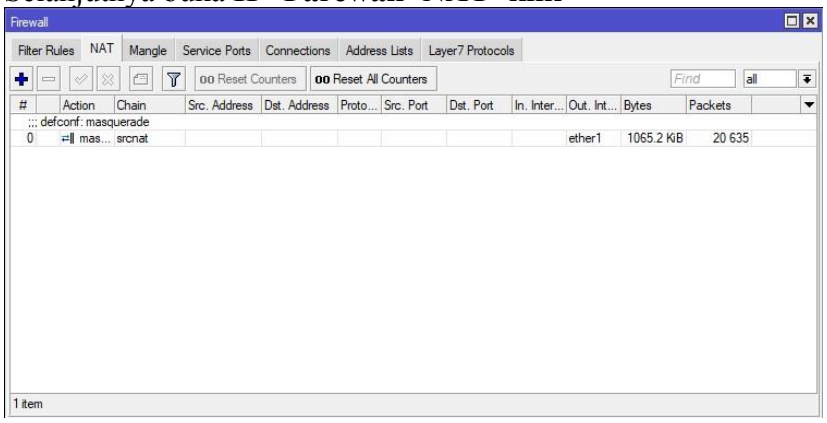
selanjutnya buka **IP>Address>klik +,** untuk mensetting IP pada Port 2



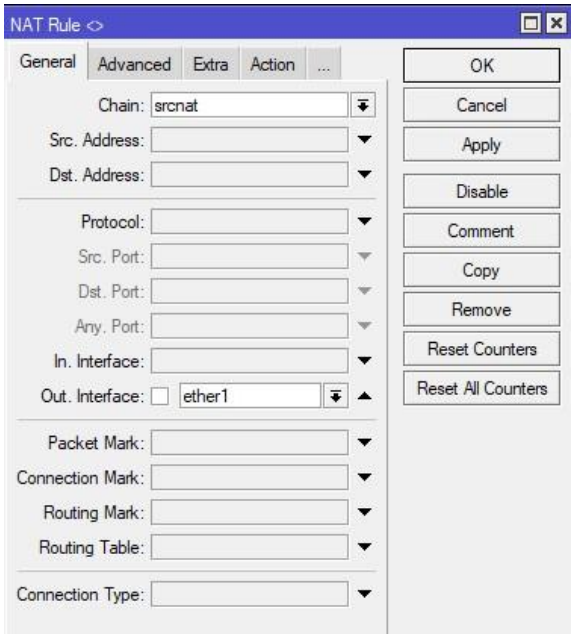
Jika sudah tampilan nya akan seperti berikut



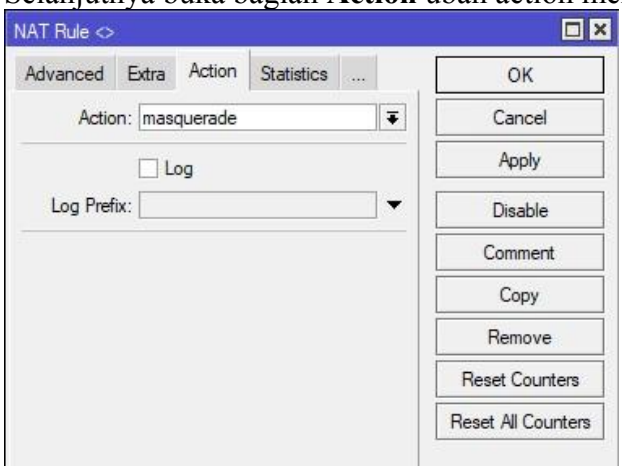
Selanjutnya buka **IP>Farewall>NAT>klik +**



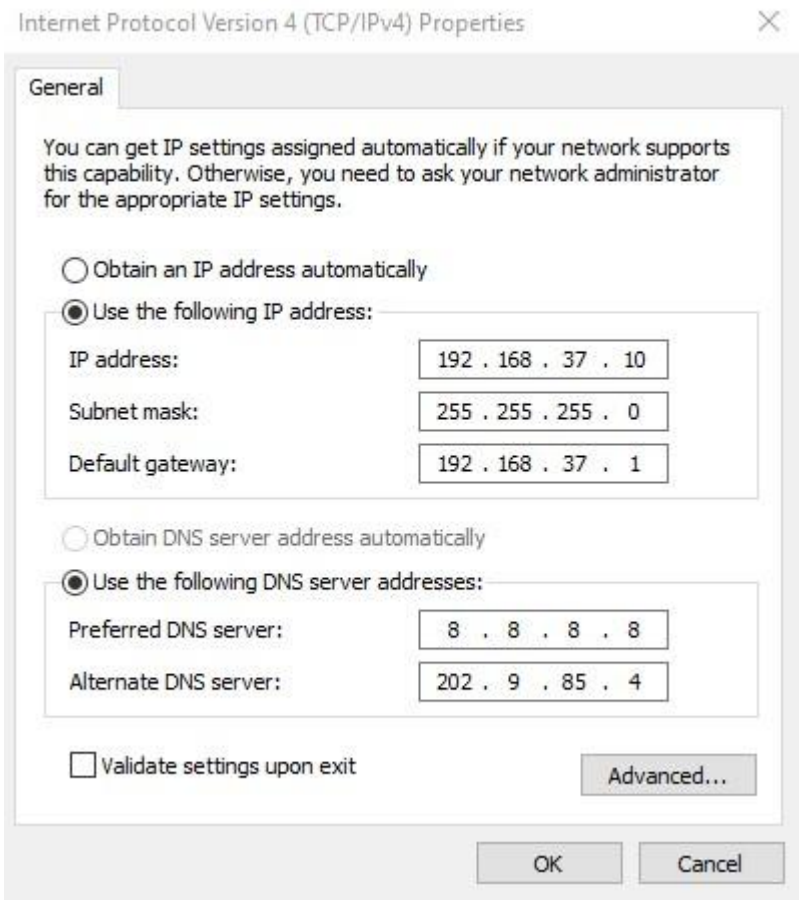
Akan meuncul seperti ini pastikan **Out Interfaces ether1**



Selanjutnya buka bagian **Action** ubah action menjadi masquerade



Kemudian samakan IP pada PC/Laptop dengan port 2 yang tadi kita sudah setting



Kemudian buka **CMD** dan ketikan perintah **ipconfig** untuk melihat apakah ip sudah berubah sesuai yang tadi kita atur

Kemudian PING gatewaynya

```
Command Prompt
C:\Users\IMAM>ping 192.168.37.1

Pinging 192.168.37.1 with 32 bytes of data:
Reply from 192.168.37.1: bytes=32 time<1ms TTL=64
Reply from 192.168.37.1: bytes=32 time<1ms TTL=64
Reply from 192.168.37.1: bytes=32 time<1ms TTL=64
Reply from 192.168.37.1: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.37.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\IMAM>
```

Selanjutnya testing di PC/Laptop dengan membuka browser dengan alamat www.pens.ac.id dan lecturer.pens.id, jika sudah muncul seperti dibawah berarti snat sudah berhasil dibuat