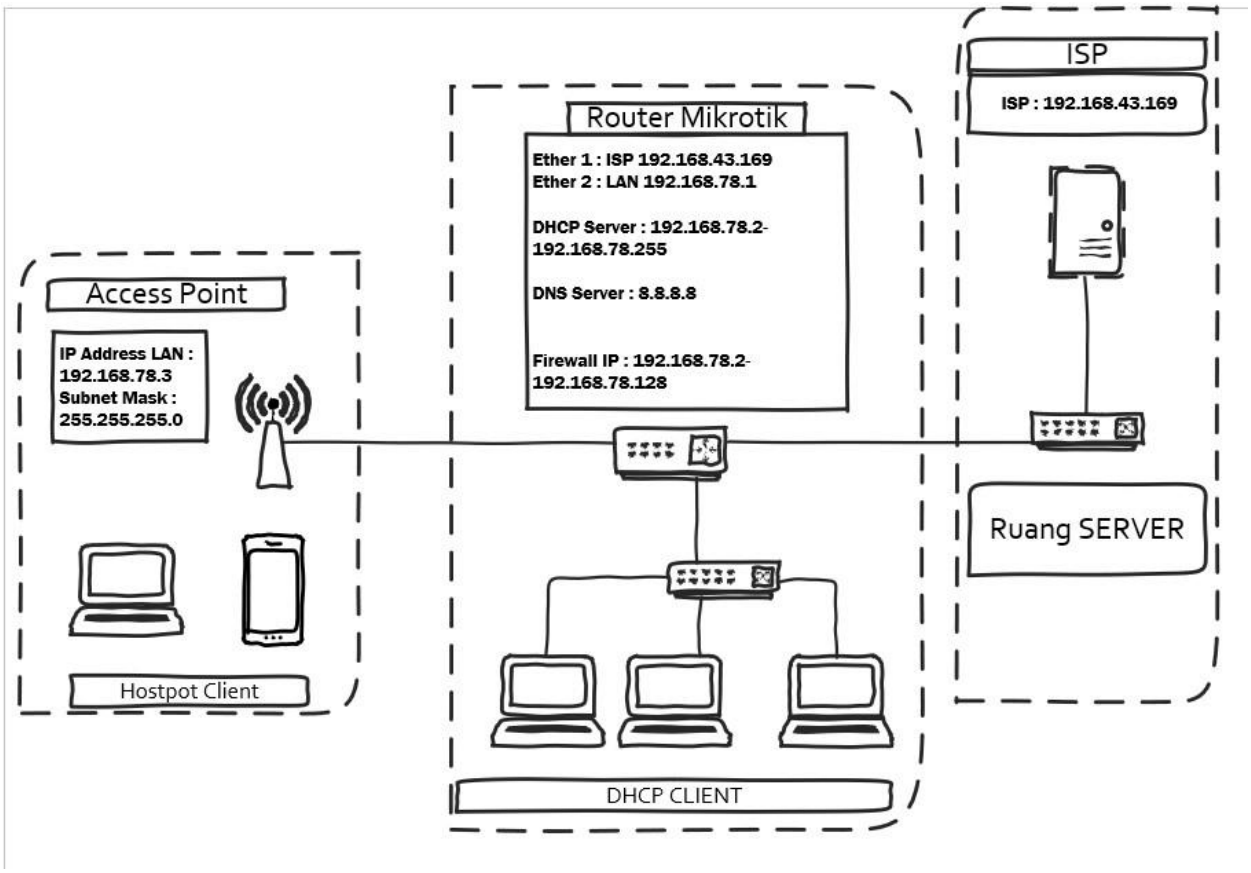
Nama : Bagus Made Arta Nugraha

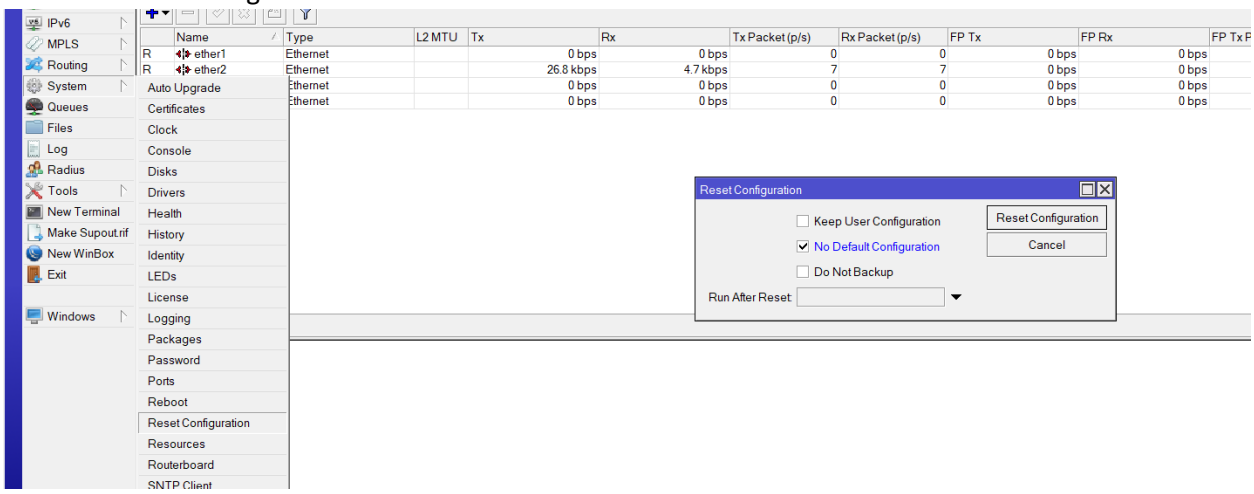
Nim : 1915323021

Kelas : 5AMI

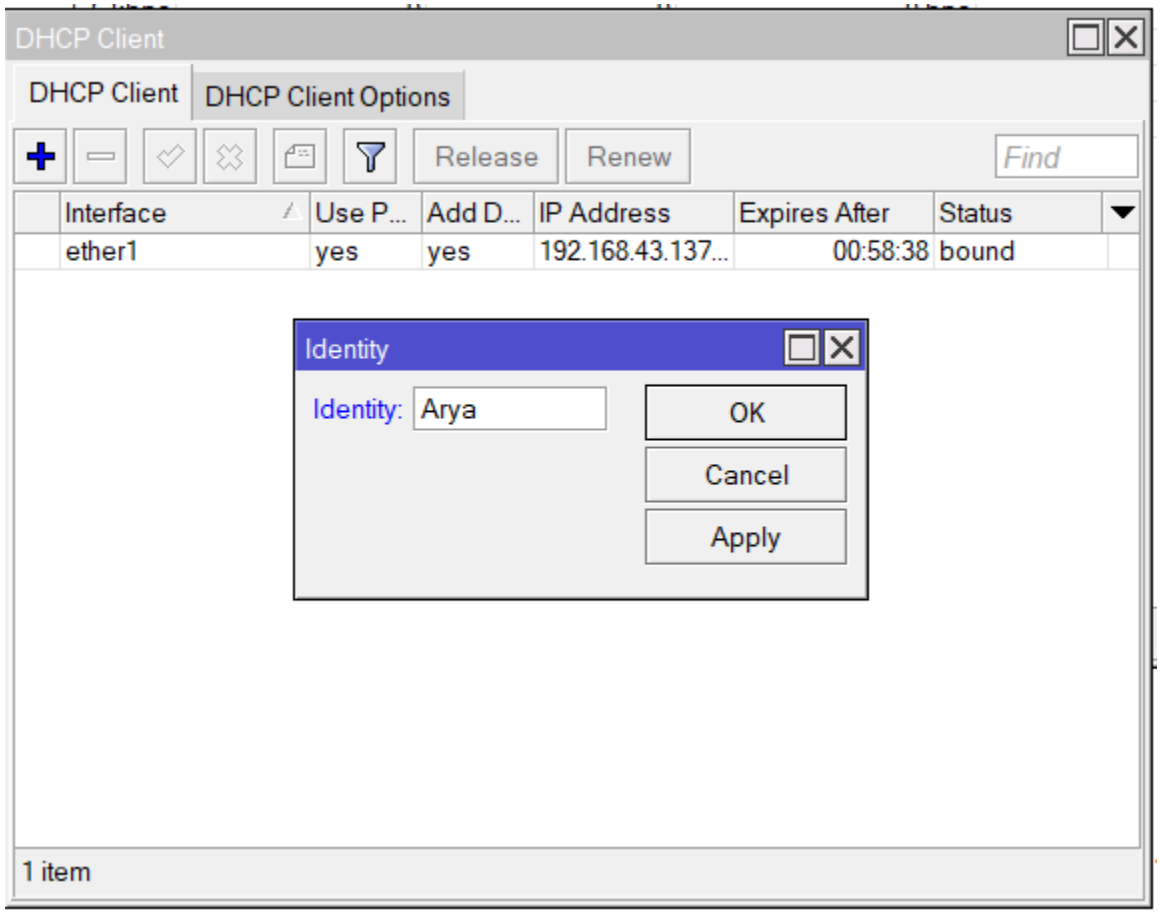
Topologi



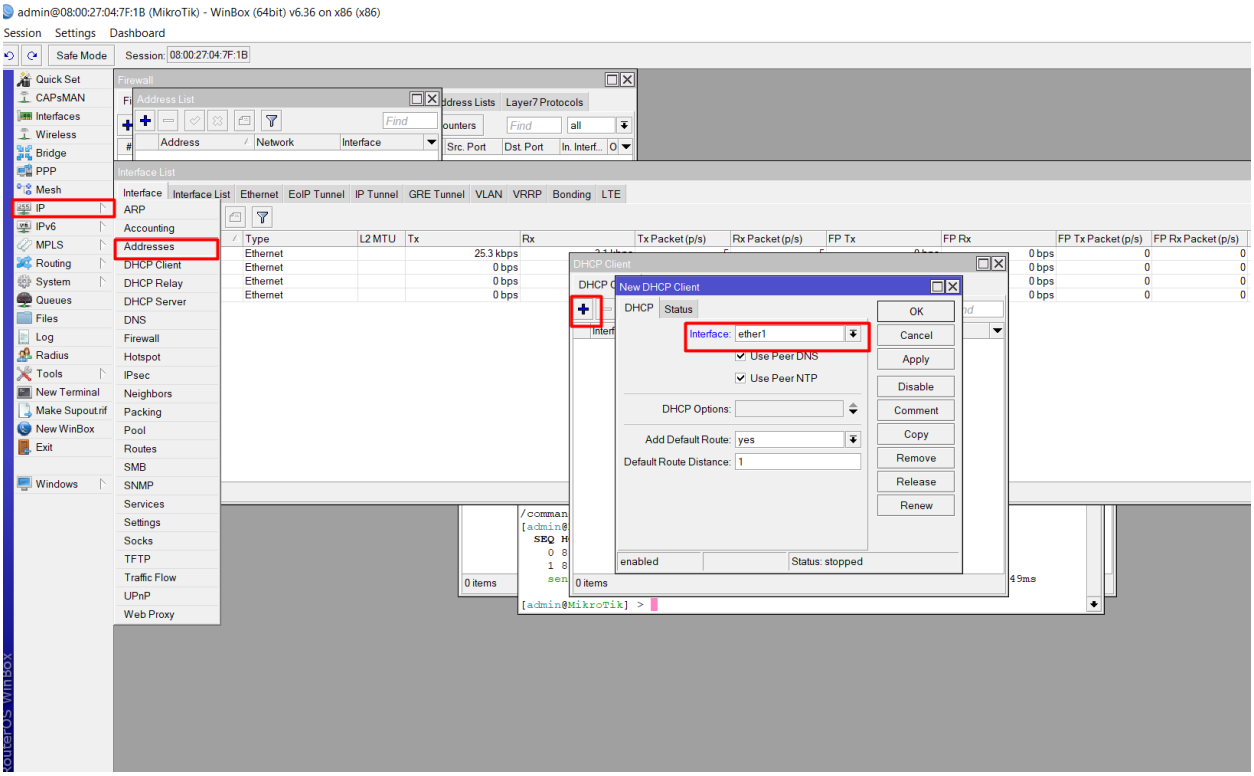
1. Pertama Reset Configuration



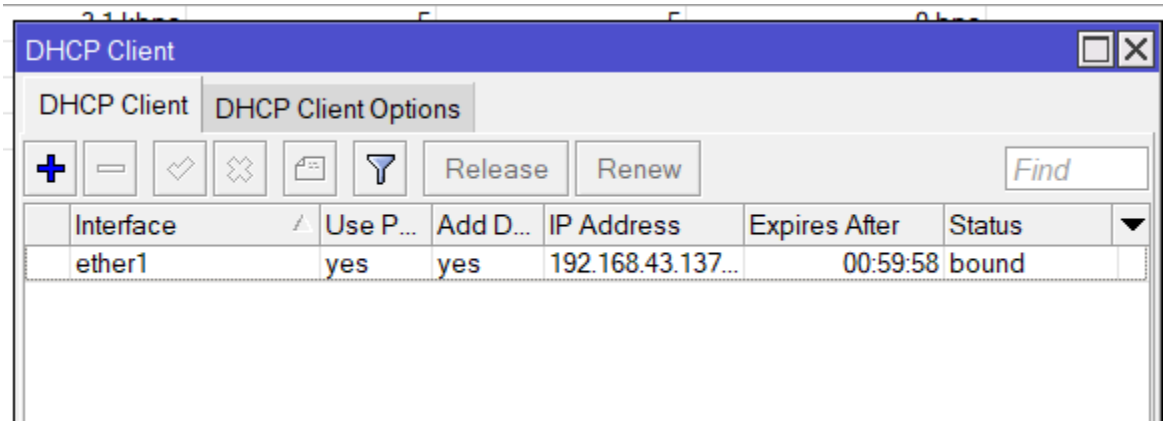
2. Buka System -> Identity kemudian ganti nama



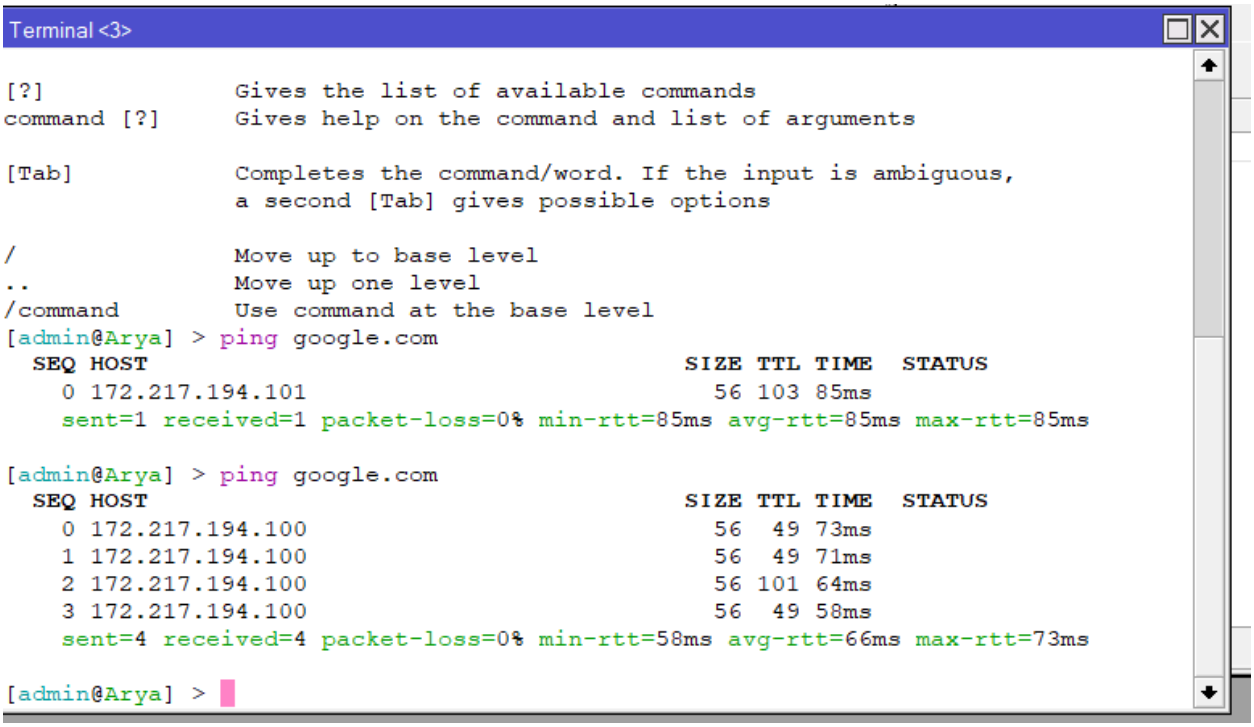
3. Tambahkan IP DHCP Client pada ethernet yang terhubung dengan internet



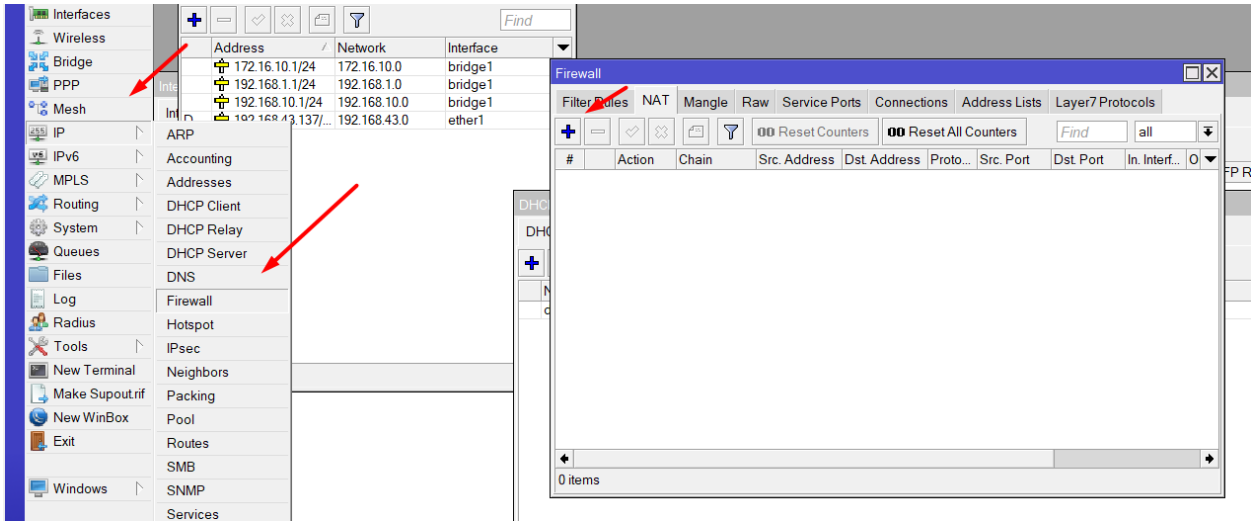
4. Tunggu sampai bound



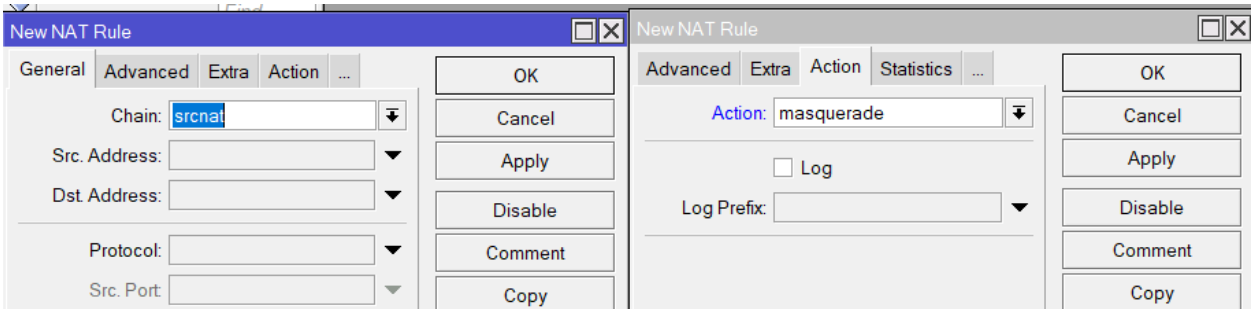
5. Test ping ke google.com



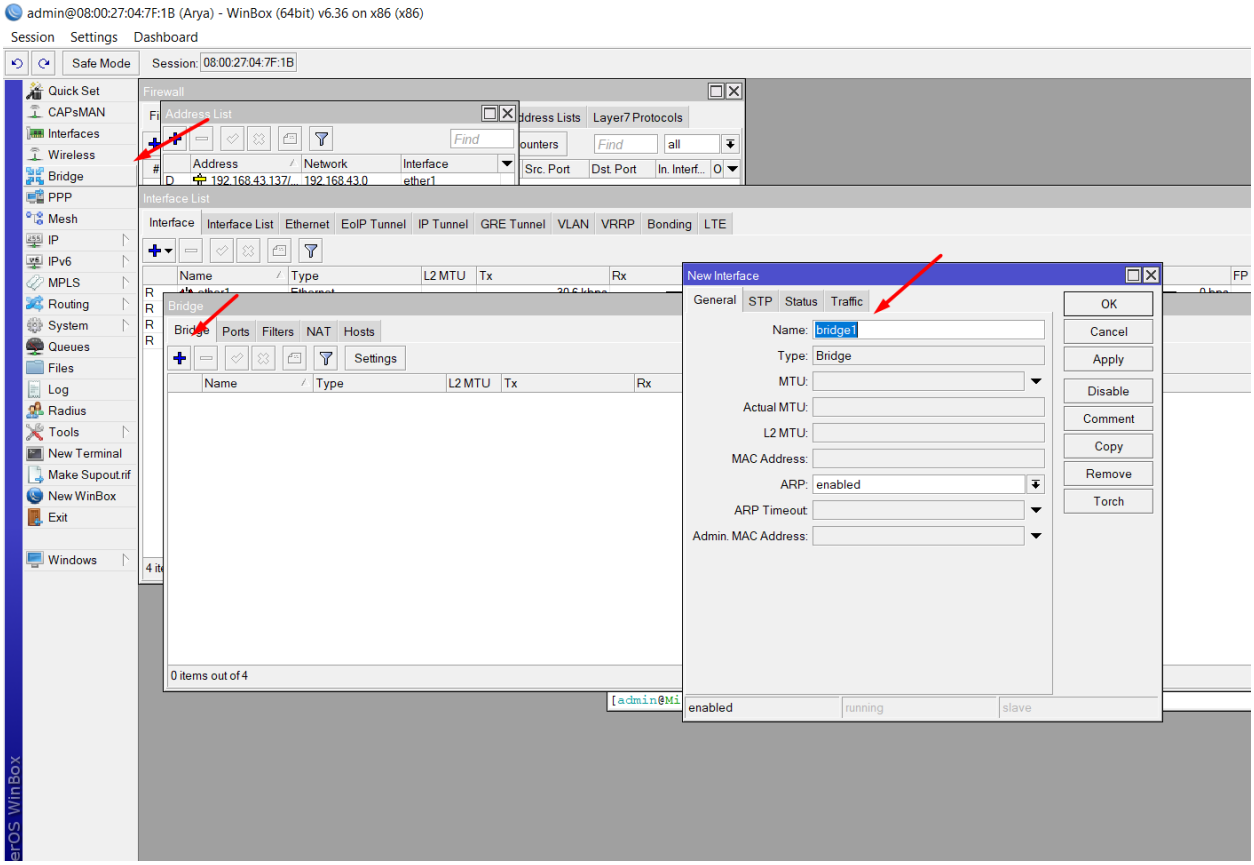
6. Tambahkan sebuah firewall nat IP -> Firewall-> NAT -> Add



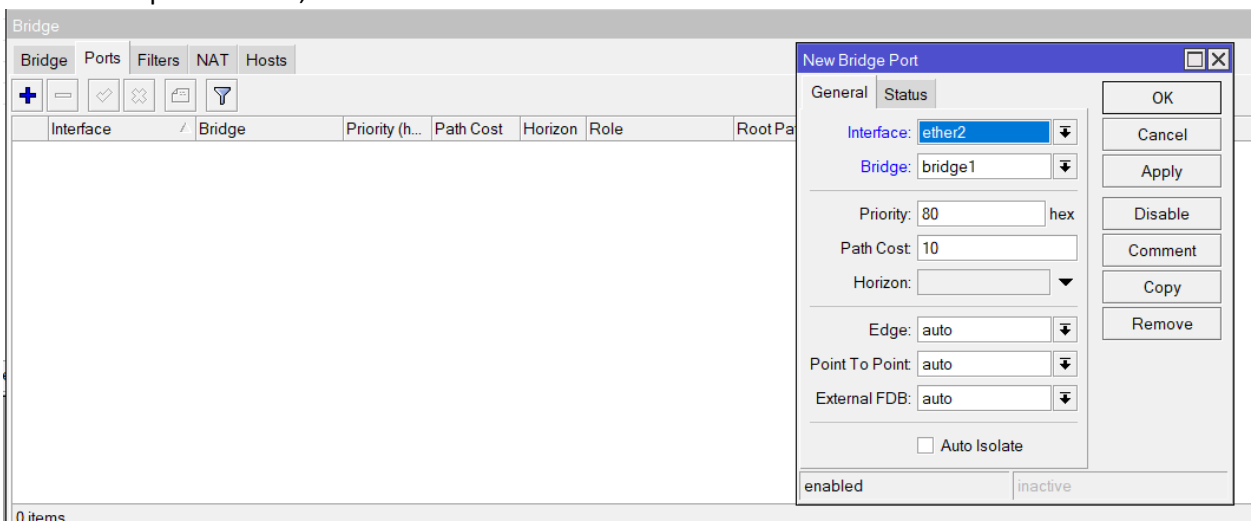
7. Pada general pillih chain srcnat kemudian pilih action masquerade



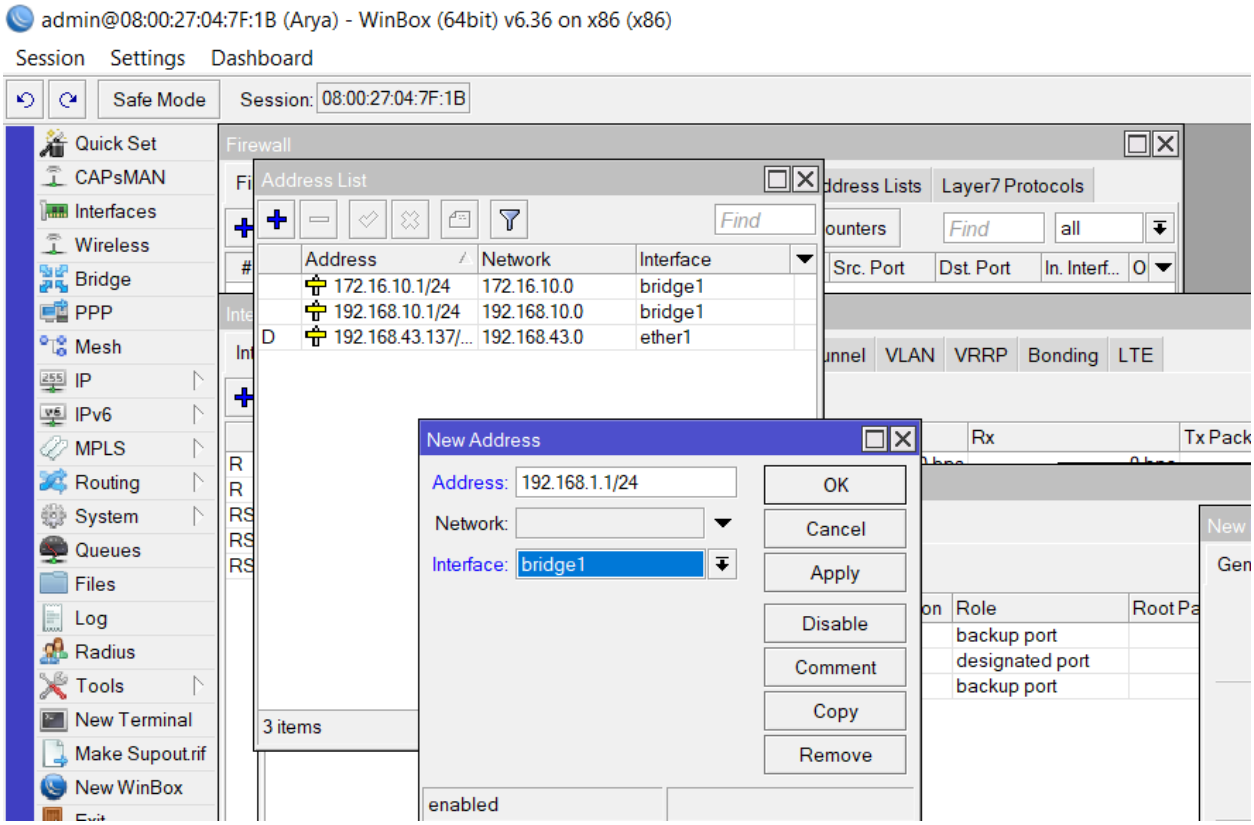
8. Tambahkan sebuah brigde yang terhubung dengan ethernet 2 – 4



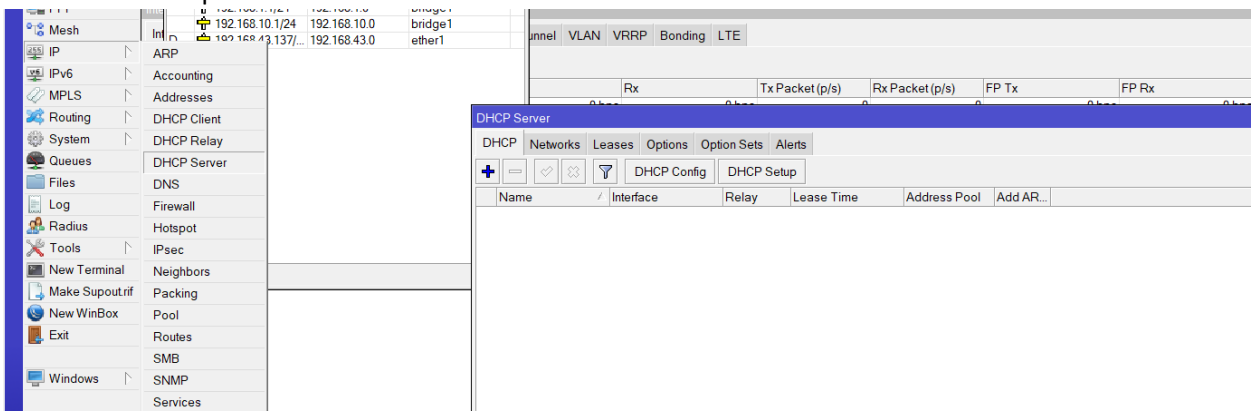
9. Tambahkan port ether 2 , ether 3 dan ether 4



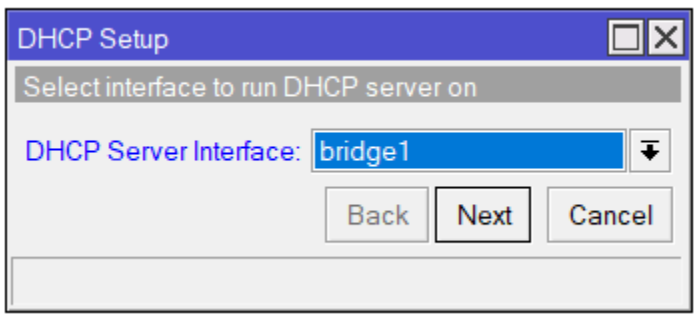
10. Tambahkan 3 ip sesuai dengan topologi dimana ip 172.16.10.1 akan digunakan untuk dhcp server.



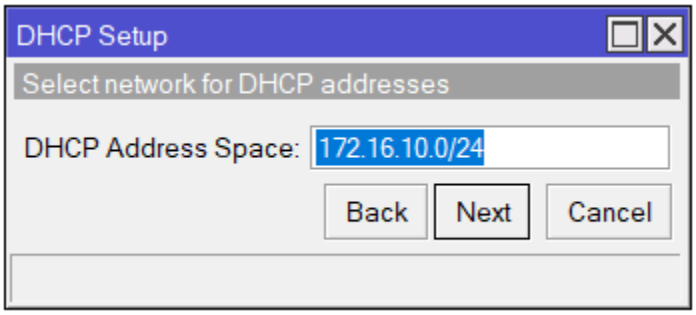
11. Buat sebuah dhcp IP->DHCP Server -> DHCP Server



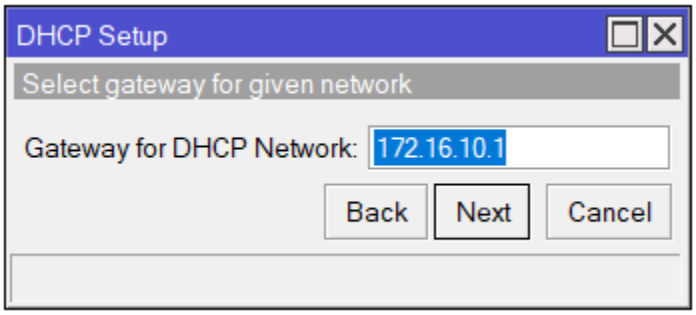
12. Pilih Interface bridge 1



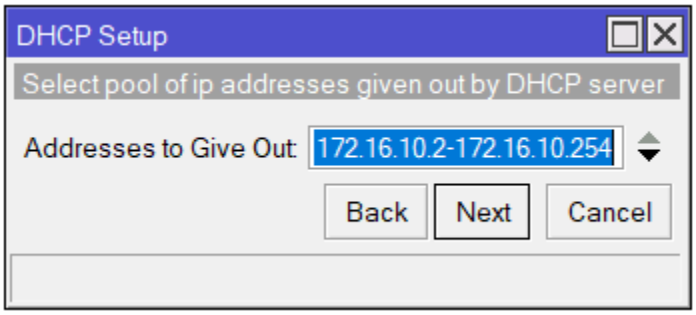
13. Gunakan ip tadi akan digunakan



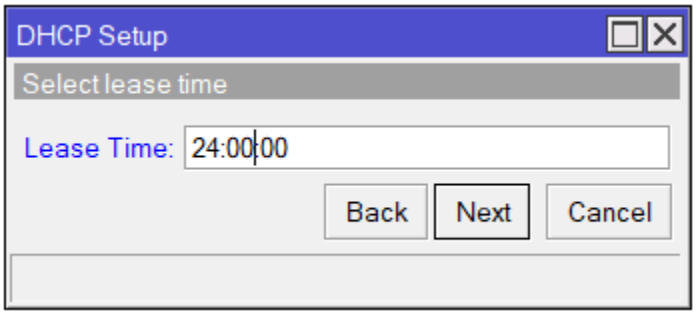
14. Tambahkan gateway sesuai ip sebelummnya



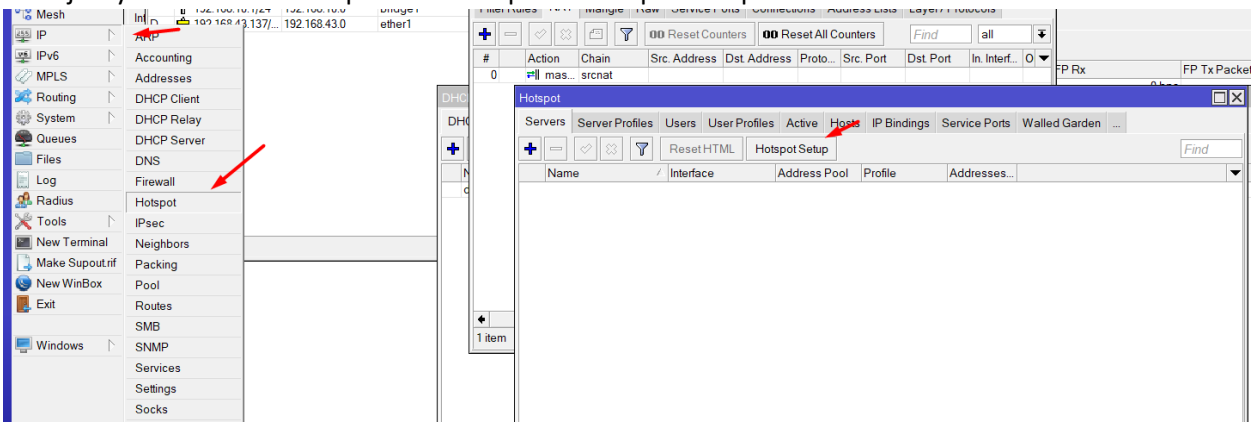
15. Atur Pool atau panjang ip yang akan dikeluarkan dari dhcp server



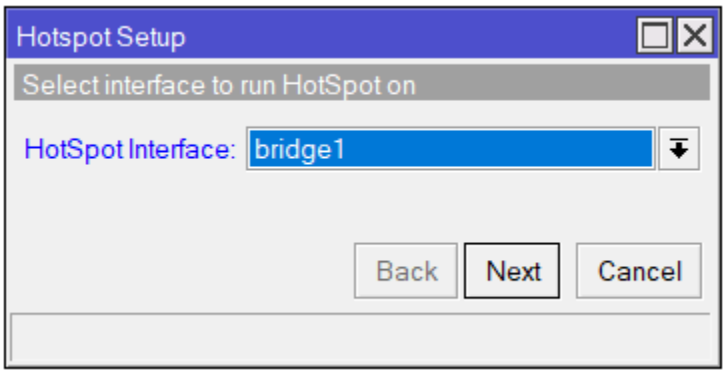
16. Leases time diubah menjadi 24 jam



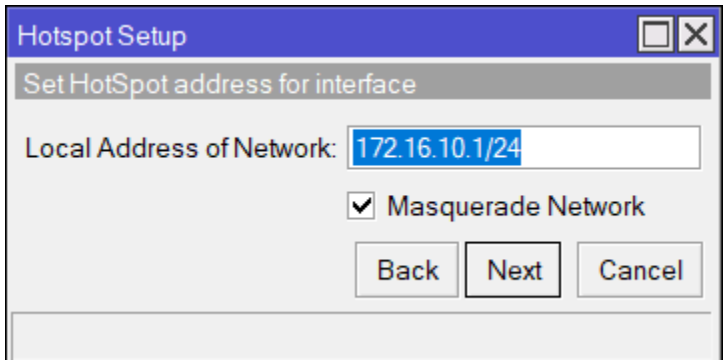
17. Selanjutnya tambahkan Hostpot IP -> Hotspot -> Hotspot Setup



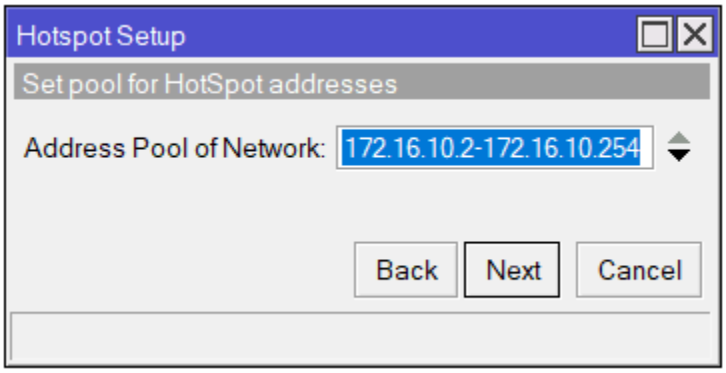
18. Pilih Interface



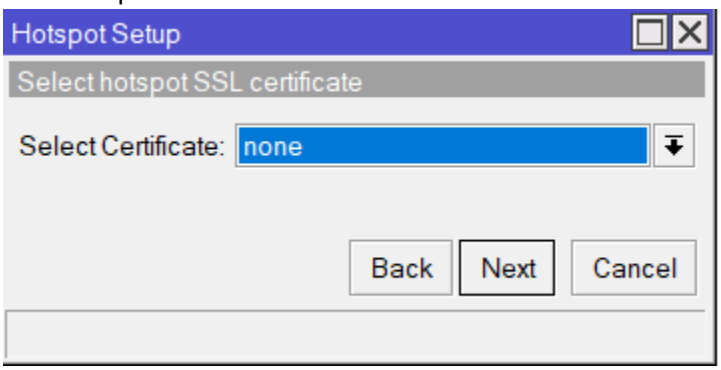
19. Masukkan IP



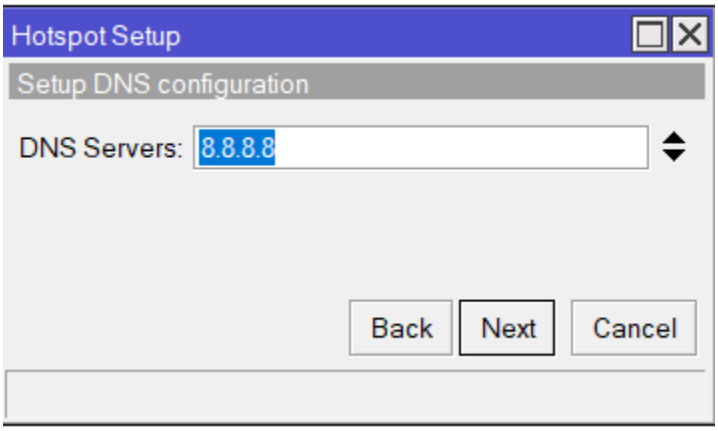
20. Tambahkanb Pool yang akan ditambahkan ke Hotspot



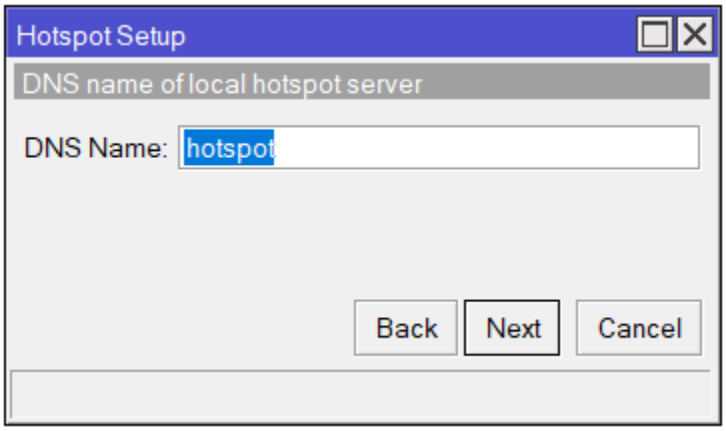
21. Sertifikat pilih none



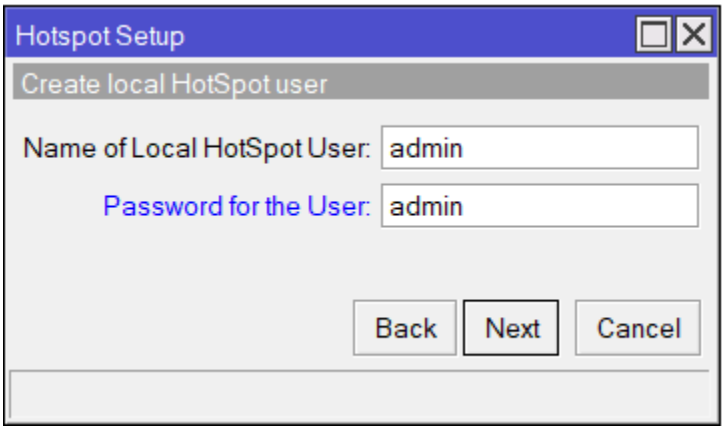
22. Tambahkan dns Server



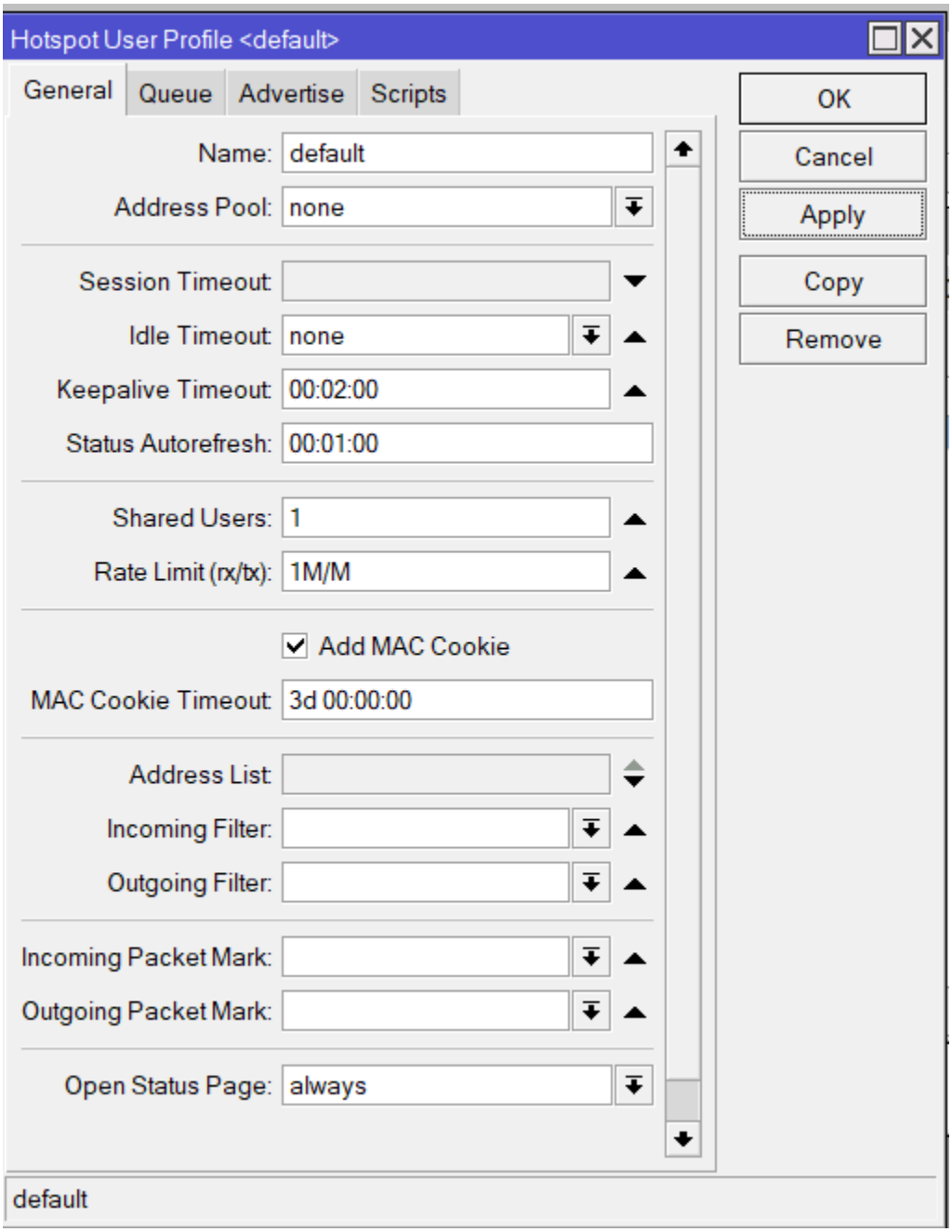
23. Tambahkan DNS Name



24. Tambahkan user yang akan digunakan Login

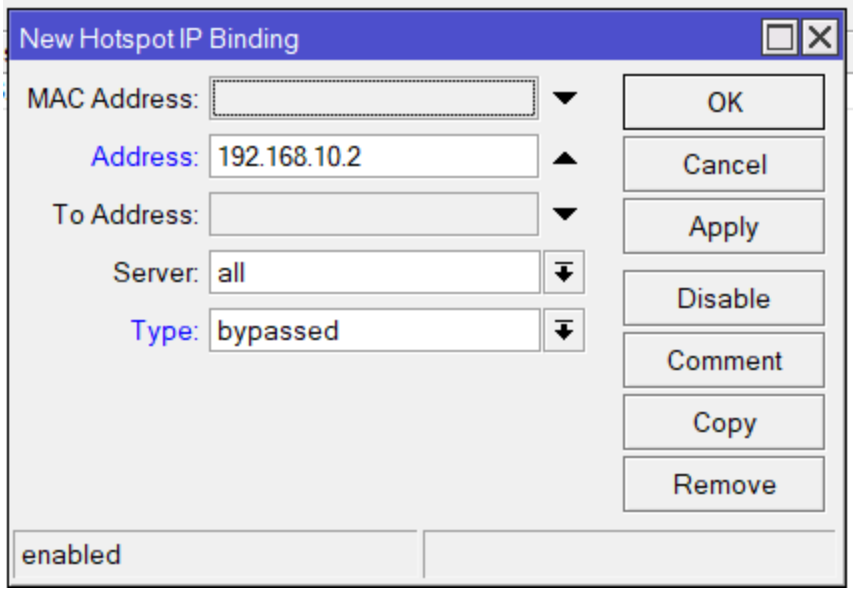


25. Mengatur kecepatan bandwidth dapat dilakukan dari ip -> hotspot -> user profile kemudian pilih client yang ingin diatur. Tambahkan pada rate limit untuk mengatur kecepatan.



Selanjutnya dapat dilakukan penghubungan computer sesuai dengan topologi dimana computer pada ruangan 1 terhubung dengan switch kemudian diteruskan ke router mikrotik. Dan bisa dilakukan setting ip static 192.168.1.0 kemudian pada ruangan dua terhubung ke switch dan dikonfigurasi ip static 192.168.10.0.7

Untuk Membypass hotspot dapat dilakukan ip -> hotspot -> ip binding -> add kemudian tambahkan ip dan ubah type menjadi bypassed.


New Hotspot IP Binding
MAC Address:
Address: 192.168.10.2
To Address:
Server: all
Type: bypassed
OK
Cancel
Apply
Disable
Comment
Copy
Remove
enabled