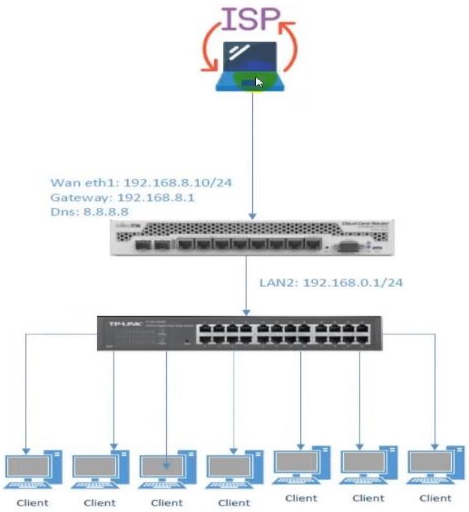
Setup WAN port internet access

ISP provides these 3 types of:

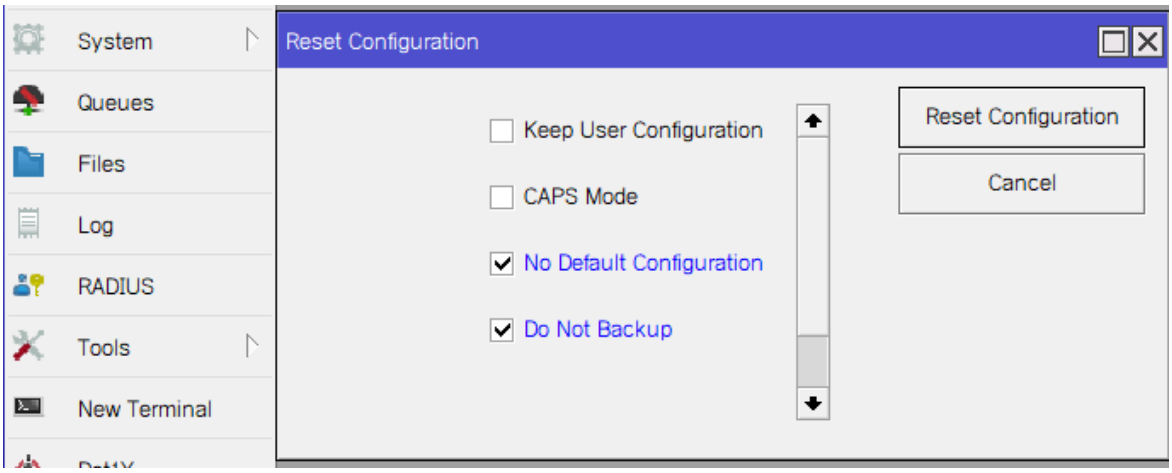
1. Static Ip
2. PPPoE
3. DHCP mode:

Setup: ether1:DHCP client and ether5: dhcp server

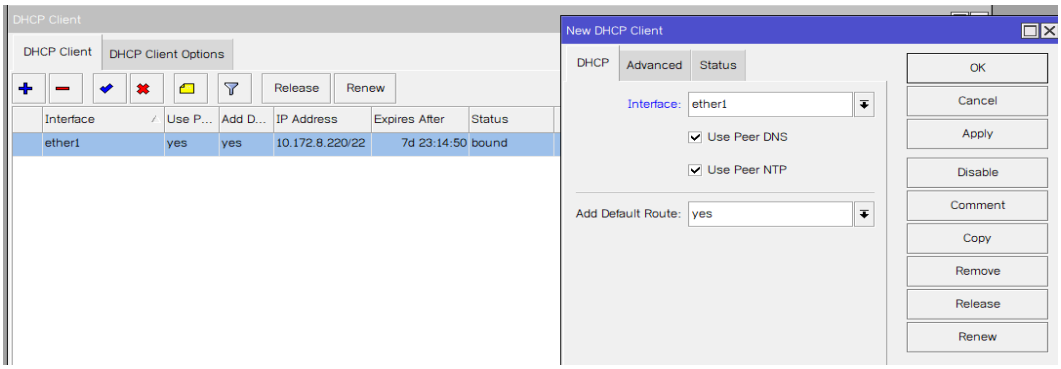


3 DHCP from ISP-In MikroTik:

✓ Reset router: System -Reset Configuration – chose: No Default Configuration and Do Not Back up



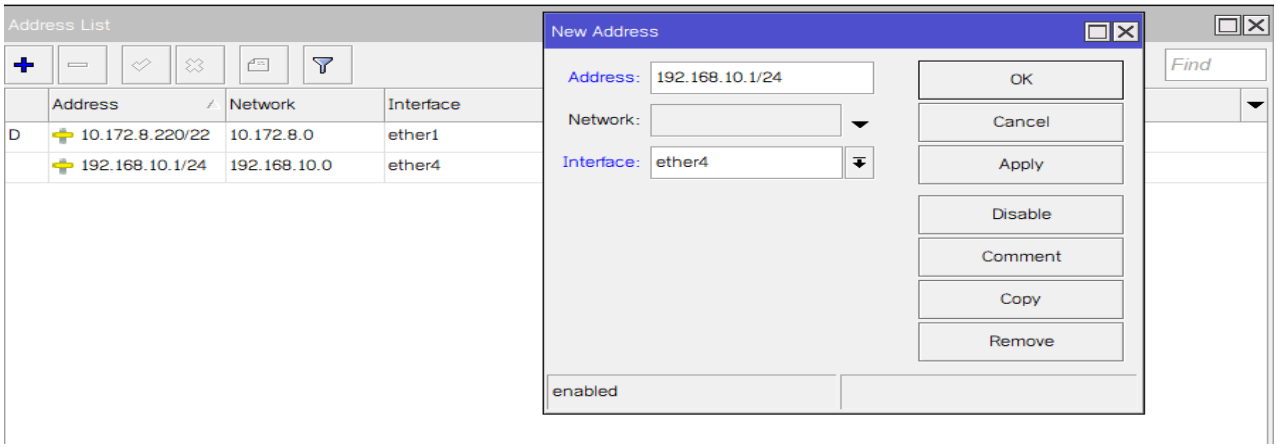
✓ IP -DHCP Client (because we are now the client that why we chose client)-> add-> DHCP->Inteface->ether1 (port we connect from ISP)



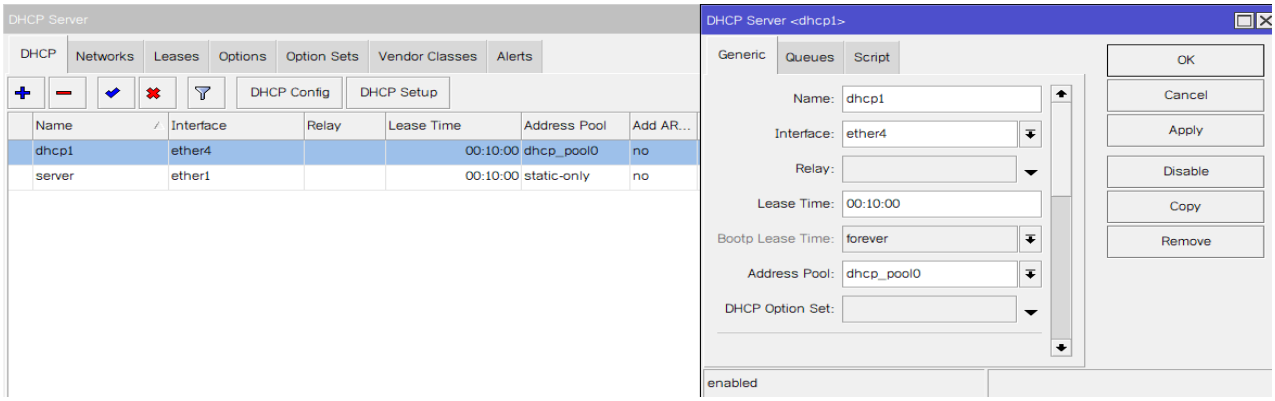
New Terminal -> Ping google.com :: Success!!!

Setup ether4 for the client from the Mikrotik port: Custom our IP Address (192.168.10.1/24)

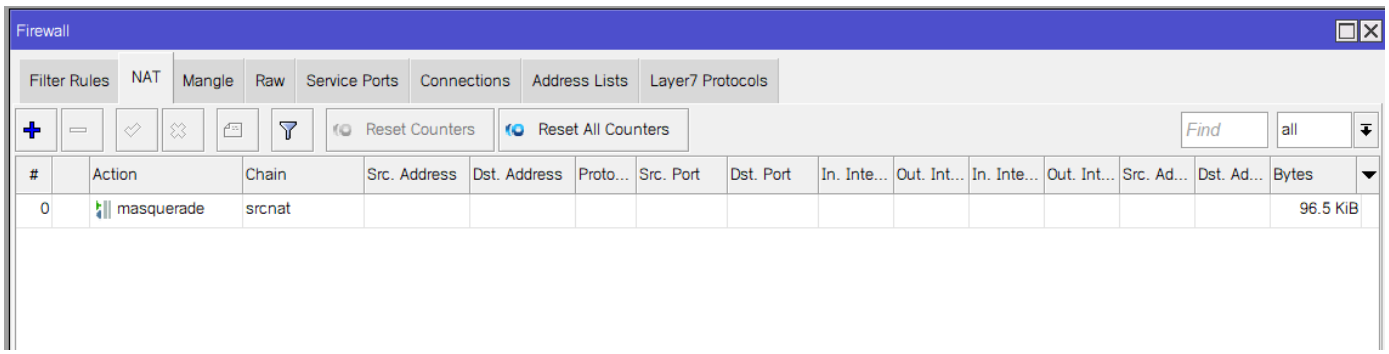
1- Think we want to create our own ip so we need to create by ourselves
✓ IP->Address->New Address: 192.168.10.1/24->Interface: ether4 (make sure we put /24)



2- After we have Ip we need to find where we can deliver these IP: Server
✓ IP-> DHCP Server->DHCP Setup->Add ->chose the Interface where we want to deliver ->ether4



3- Setup NAT: to translate our own IP to outside
✓ IP->Firewall -> NAT->Add new nat: Chain chose srcnat(sourcenat) and Action : masquerade



Link In youtube: https://www.youtube.com/watch?v=IURDuGQhCZc&list=PLCJ-KA2XWJcqiojtYCMyeHX6RpgKaiR3_

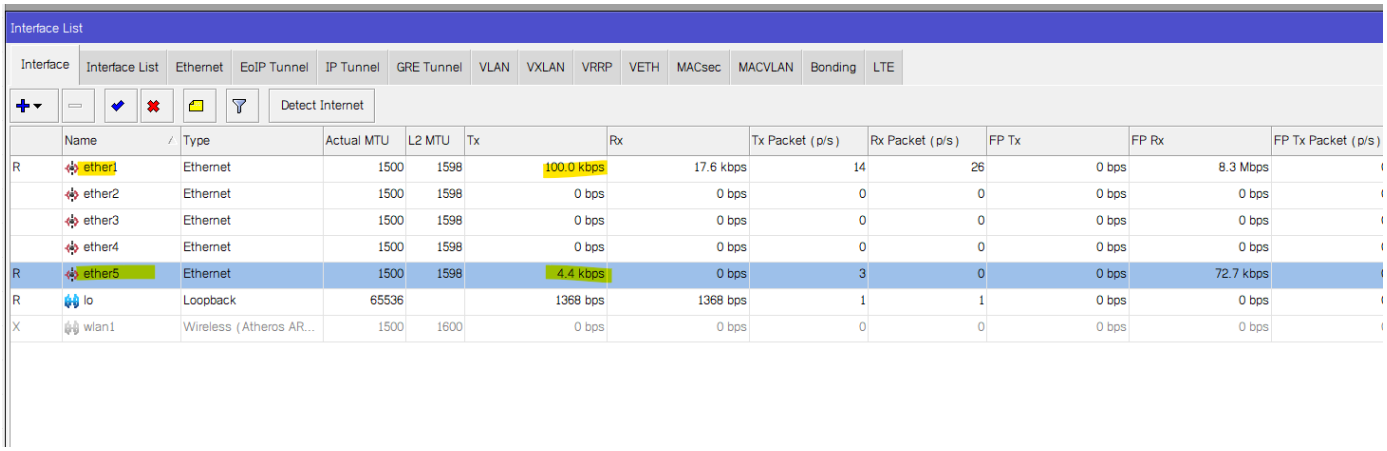
Physical Reset Mikrotik:

○ Method 3: Physical Reset Button

This is useful if you've lost access to the router:

1. **Power off** the router.
2. **Press and hold** the reset button.
3. **Power on** the router while still holding the button.
4. Wait until the **LED starts flashing**, then release the button.

> ⚠️ If you hold the button too long (until the LED stops flashing), the router may enter **Netinstall mode** instead.



Ether1: in our DHCP client that we get from ISP
Ether5: We provide the dhcp server to our own client