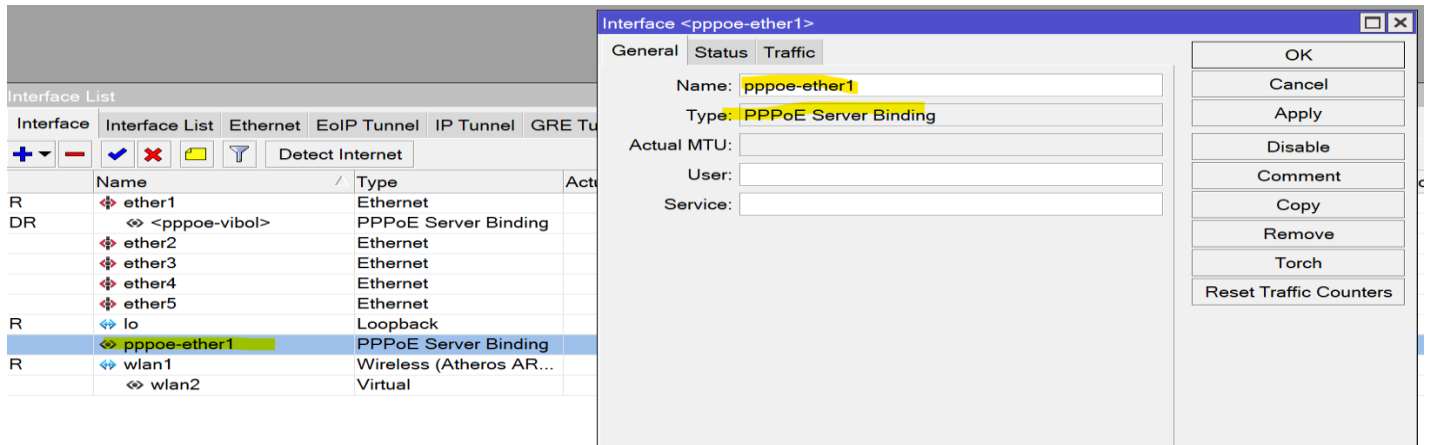


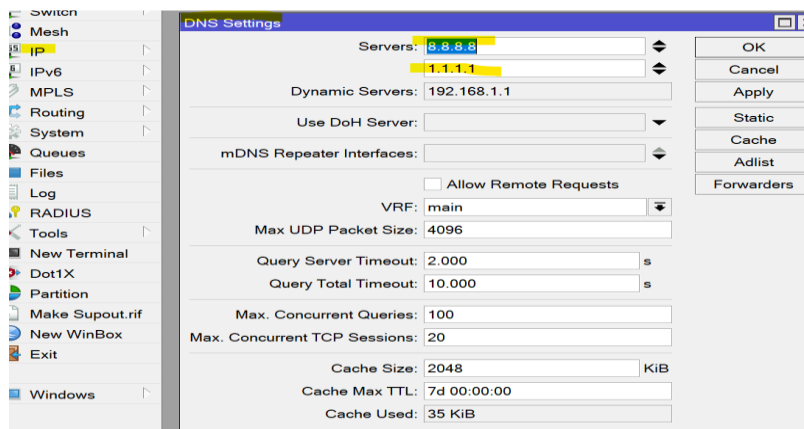
Create PPPoE server – 11 Aug 2025

Thinking: Server, mean we provide the PPPoE user and password to client

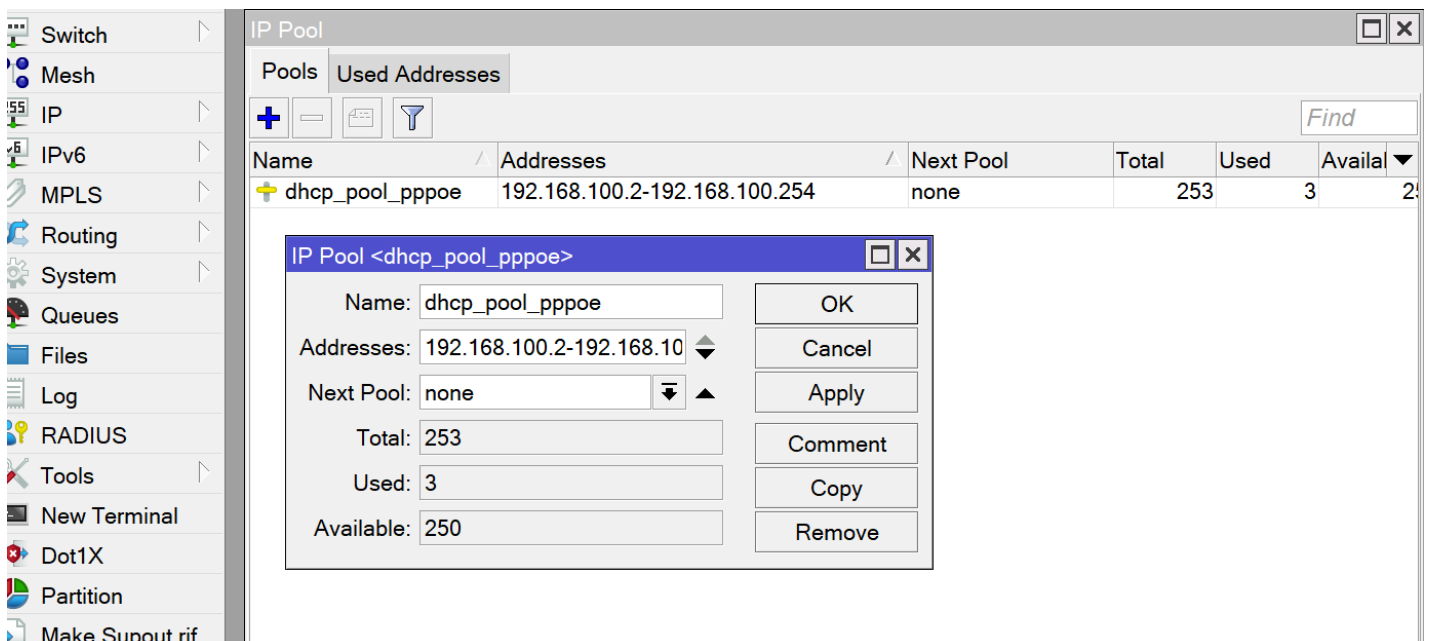
1. Create interface list -> PPPoE Server Binding



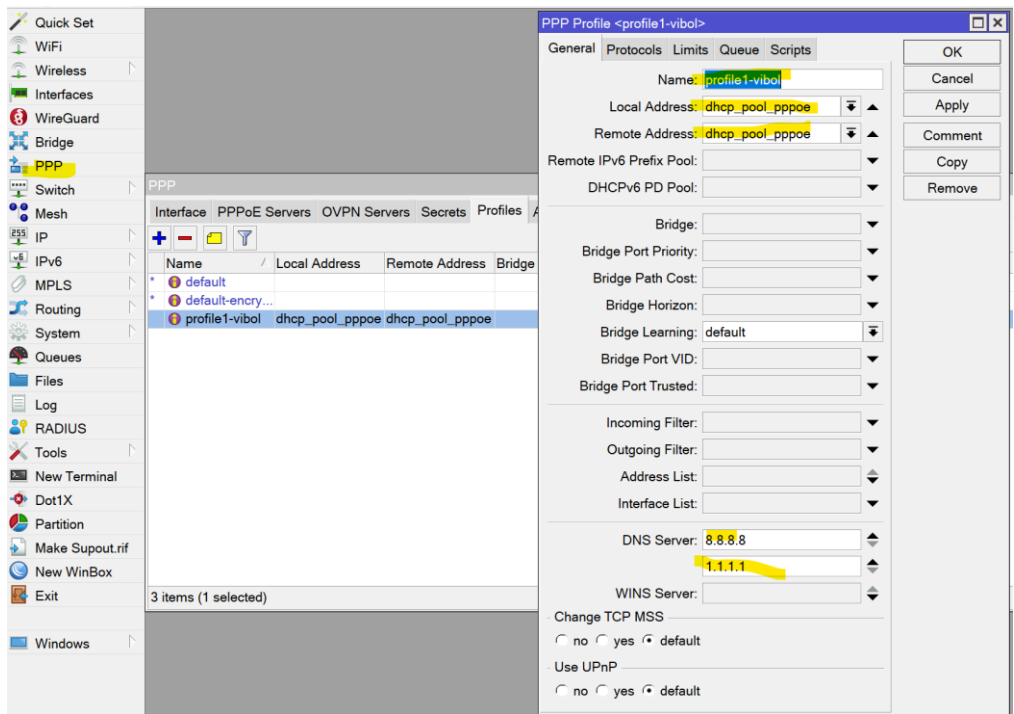
2. Create DNS



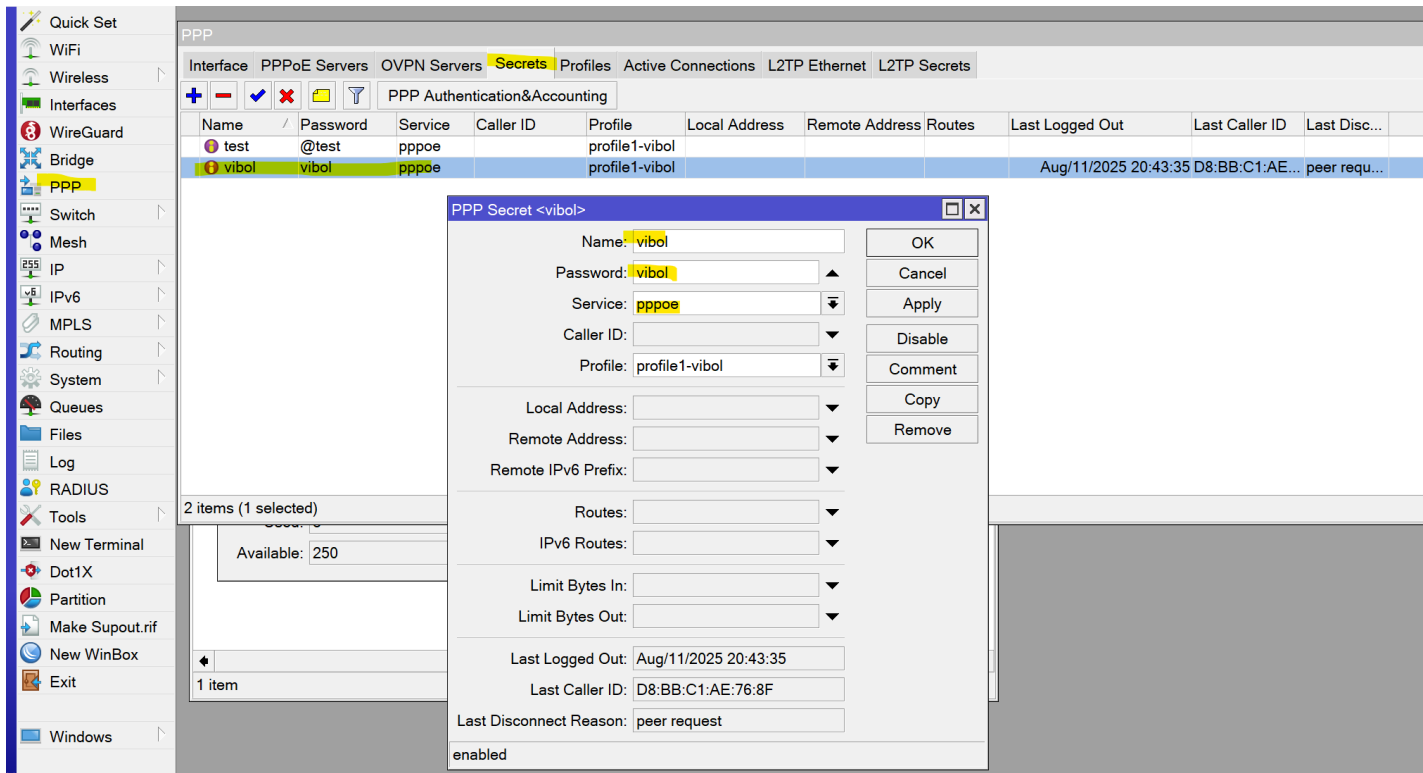
3. Create Ip Pool : to create rang of ip that the client can pool from this rang



4. Create PPP -Profile



5. Create Secrets



6. Create address rang

The screenshot shows the Mikrotik WinBox interface. On the left, the 'Mesh' menu is open, and the 'Address List' window is displayed. The 'Address List' window has a table with the following data:

Address	Network	Interface
10.10.110.1/24	10.10.110.0	ether1
192.168.1.103/...	192.168.1.0	wlan1
192.168.100.1/...	192.168.100.0	wlan2
192.168.100.252	192.168.100.251	<pppoe-vibol>

On the right, the 'Address <192.168.100.252>' dialog box is open, showing the following fields:

- Address: 192.168.100.252
- Network: 192.168.100.251
- Interface: <pppoe-vibol>

At the bottom of the dialog, there are three tabs: 'dynamic', 'enabled', and 'slave'. The 'enabled' tab is selected.

7. Create DHCP server : importance on interface : where we can the out put port

The screenshot shows the Mikrotik WinBox interface. On the left, the 'Mesh' menu is open, and the 'DHCP Server' window is displayed. The 'DHCP Server' window has a table with the following data:

Name	Interface	Relay	Lease Time	Address Pool	Add AR...
dhcp1	wlan2		00:30:00	dhcp_pool_pp...	no
dhcp2	ether1		00:30:00	unknown	no

On the right, the 'DHCP Server <dhcp2>' dialog box is open, showing the following fields:

- Name: dhcp2
- Interface: ether1
- Relay: (empty)
- Lease Time: 00:30:00
- Bootp Lease Time: forever
- Address Pool: static-only
- DHCP Option Set: (empty)
- Address List: (empty)
- Server Address: (empty)
- Delay Threshold: (empty)
- Authoritative: yes
- Bootp Support: static
- Client MAC Limit: (empty)
- Use RADIUS: no

At the bottom of the dialog, there are three tabs: 'General', 'Queues', and 'Script'. The 'General' tab is selected.

8. Configure NAT : srcnat ; rang ip from address list and masquerade

The screenshot shows the Mikrotik WinBox interface. On the left, the 'Mesh' menu is open, and the 'Firewall' window is displayed. The 'Firewall' window has a table with the following data:

#	Action	Chain	Src. Address	Dst. Address
0	masquerade	srcnat		
1	masquerade	srcnat	10.10.110.0/24	

On the right, the 'NAT Rule <10.10.110.0/24>' dialog box is open, showing the following fields:

- Chain: srcnat
- Src. Address: 10.10.110.0/24
- Dst. Address: (empty)
- Src. Address List: (empty)
- Dst. Address List: (empty)
- Protocol: (empty)
- Src. Port: (empty)
- Dst. Port: (empty)
- Any. Port: (empty)
- In. Interface: (empty)
- Out. Interface: (empty)
- In. Interface List: (empty)
- Out. Interface List: (empty)
- Packet Mark: (empty)
- Connection Mark: (empty)
- Routing Mark: (empty)

At the bottom of the dialog, there are three tabs: 'General', 'Advanced', and 'Extra'. The 'General' tab is selected.

Connect to Computer:

