

Connect Mikrotik to Modem

09 Aug 2025

Topology



Think:

- Make Mik Connect to Modem (SSID and password)
- Mikro Wen1 need to get the internet from Model
- Now we have internet in Mikrotik we want to provide the DHCP server to port ether2 to PC
- In Mikrotik need to have Nat to translate DHCP server to internet

1. Enable Wan

The screenshot shows the Mikrotik WinBox interface. On the left is a sidebar with various configuration menus. The main window displays the 'Wireless Tables' section, specifically the 'WiFi Interfaces' tab. Below the tabs, there is a table with columns for Name, Type, Actual MTU, Tx, Rx, Tx Packet (p/s), Rx Packet (p/s), FP Tx, FP Rx, and FP Tx Packet (p/s). The table contains one entry for 'wlan1'.

Name	Type	Actual MTU	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	FP Tx	FP Rx	FP Tx Packet (p/s)
wlan1	Wireless (Atheros AR9...	1500	31.1 kbps	27.6 kbps	72	48	0 bps	27.6 kbps	

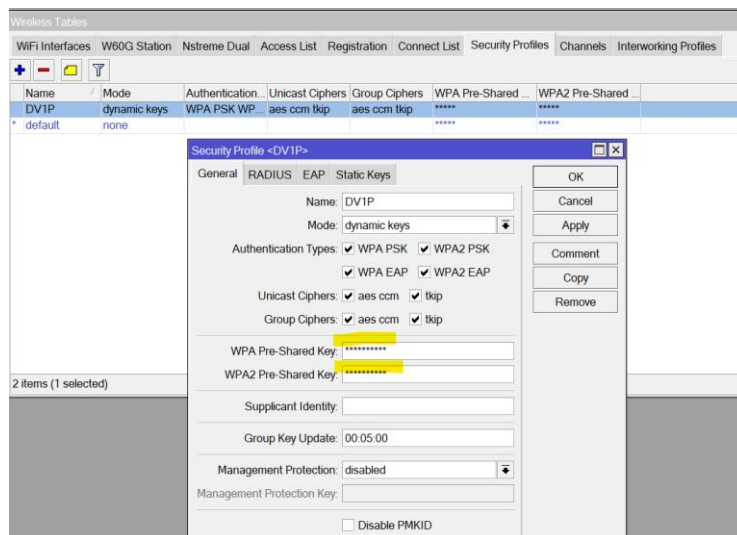
2. Connect Wen1 to Modem Wifi

The screenshot shows the 'Interface <wlan1>' configuration window in Mikrotik WinBox. The 'Wireless' tab is selected. The configuration fields are as follows:

- Mode: station
- Band: 2GHz-B/G/N
- Channel Width: 20/40MHz eC
- Frequency: 2457 MHz
- SSID: ZDV1
- Security Profile: DV1P
- Frequency Mode: regulatory-domain
- Country: etsi
- Installation: any
- ☒ Default Authenticate

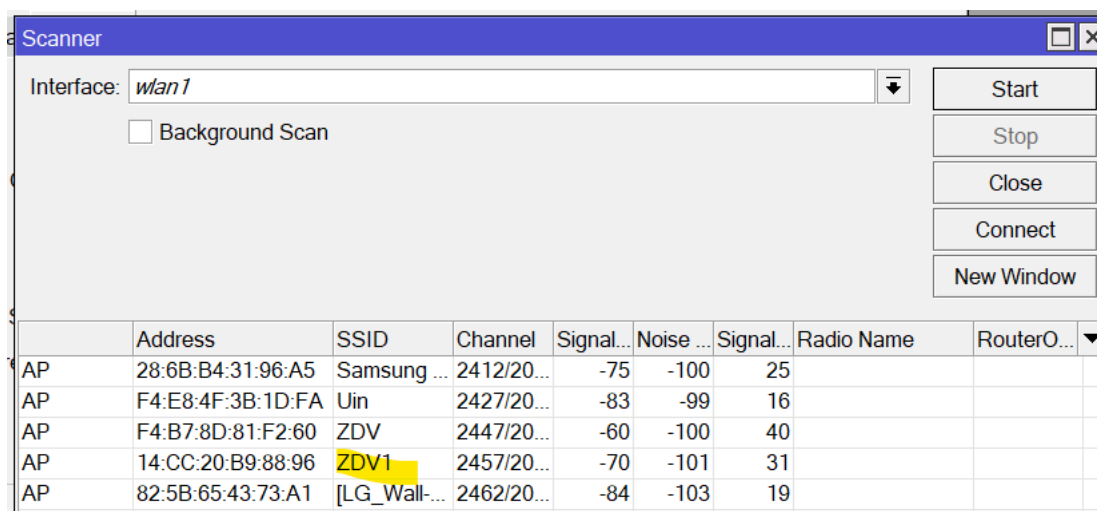
On the right side of the window, there are buttons for OK, Cancel, Apply, Disable, Comment, Advanced Mode, Torch, WPS Accept, WPS Client, Setup Repeater, Scan..., Freq. Usage..., and Align....

3. Setup Security password

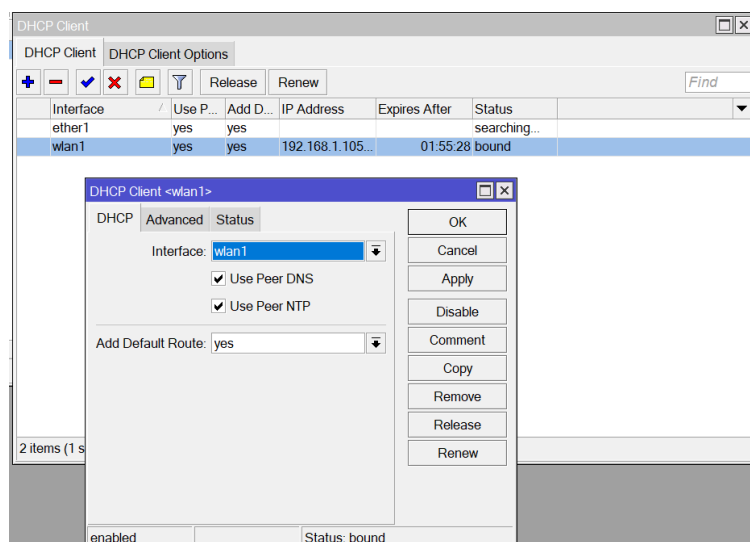


Password need to be the same our modem wifi pass

4. Scan and connect to wifi modem



5. After we connect to Modem we need to get the DHCP from the modem

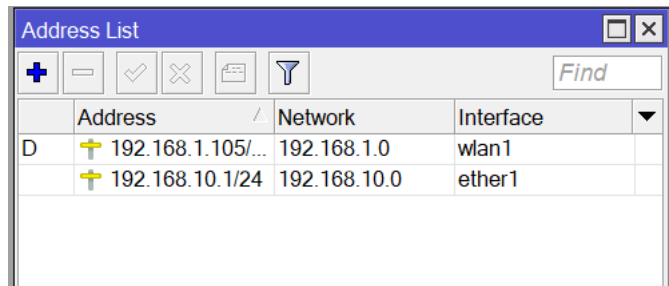


Status connection bound: then we can ping to the internet

6. Set up port the in Mikrotik to share the internet to computer

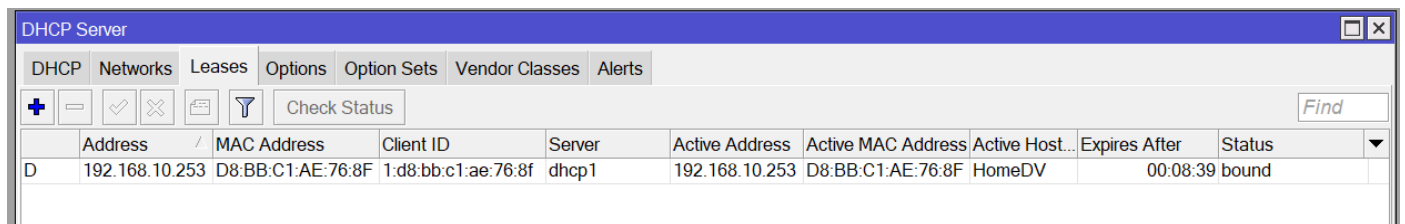
Create DHCP server

Prepare our Ip rang that we want the DHCP server to share on which port:



	Address	Network	Interface
D	192.168.1.105/24	192.168.1.0	wlan1
	192.168.10.1/24	192.168.10.0	ether1

7. Setup DHCP server



	Address	MAC Address	Client ID	Server	Active Address	Active MAC Address	Active Host...	Expires After	Status
D	192.168.10.253	D8:BB:C1:AE:76:8F	1:d8:bb:c1:ae:76:8f	dhcp1	192.168.10.253	D8:BB:C1:AE:76:8F	HomeDV	00:08:39	bound

Now we can ping to the internet from PC