

Mikrotik WireGuard client configuration

WireGuard VPN module **WISECP**

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Configuring Mikrotik as an WireGuard Client.

Make sure you have an up to date **routerOS** system.

Version must be at least: 7.6

```
[admin@VPN-CLIENT] > system package print
Columns: NAME, VERSION
# NAME      VERSION
0 routeros  7.6
```

Open a single-use shipment on the **WireGuard** section for the client's configuration request

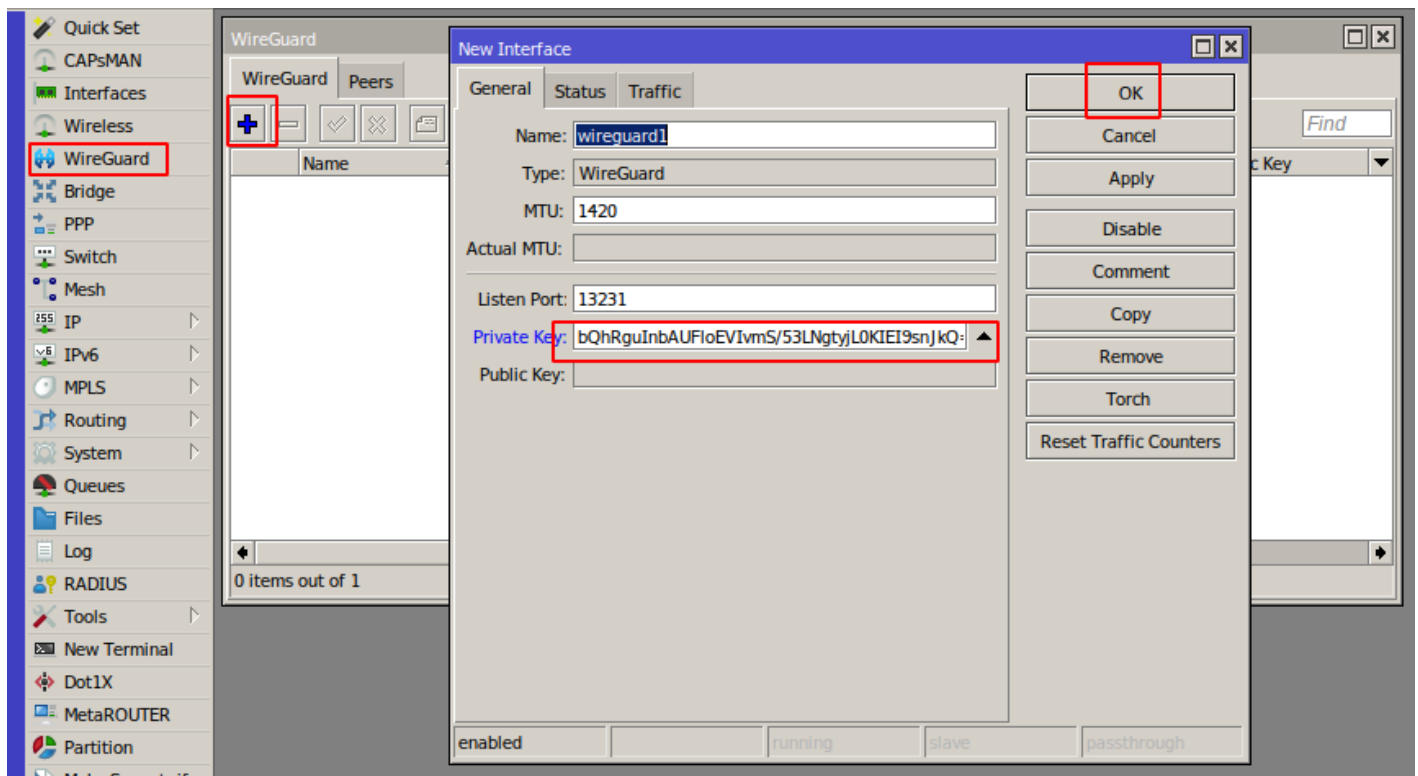
Download config file

```
[Interface]
  Address = 10.0.110.15/24
  DNS = 10.0.110.1,77.87.125.200
  PrivateKey = KgbQhRguInbAUFloEVlvmS/53LNgtYjL0KIEI9snJkQ=

[Peer]
  AllowedIPs = 0.0.0.0/0
  PersistentKeepalive = 5
  Endpoint = 77.87.125.200:51930
  PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+wwKQ0FG/cLoJh2w=
```

Login to Mikrotik via Winbox

Click on the menu item **WireGuard** In the window that opens, in the **WireGuard** tab, click the plus to add a new **WireGuard** interface



Copy the private key from the text configuration from the **[Interface]** section to the **PrivateKey** field in the **WireGuard** interface settings in **Mikrotik**

Click **OK** to create the interface



Go to the peers tab.

Click plus to add a new peer



Interface - Select the previously created **WireGuard** interface

Public key - Copy the public key from the text configuration from the **[Peer]** section to the Public key field

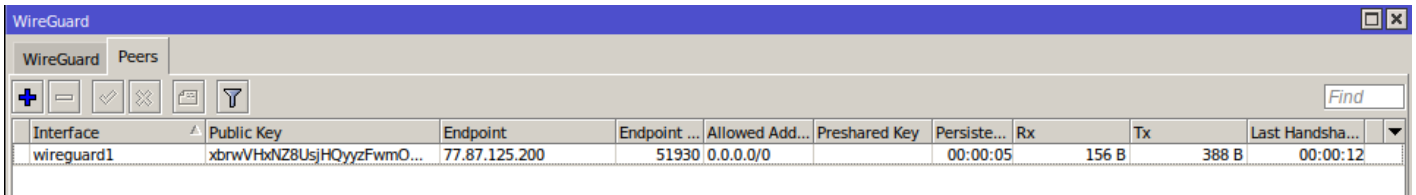
Endpoint - Copy the server **address** from the text configuration from the **[Peer]** section to the endpoint field

Endpoint Port - Copy the server **port** from the text configuration from the **[Peer]** section to the Endpoint Port field

Allowed Address - Copy **AllowedIPs** from the text configuration from the **[Peer]** section to the Allowed Address field

Persistent Keepalive - Copy the **PersistentKeepalive** from the text configuration from the **[Peer]** section to the Persistent Keepalive field

Click **OK** to create a peer

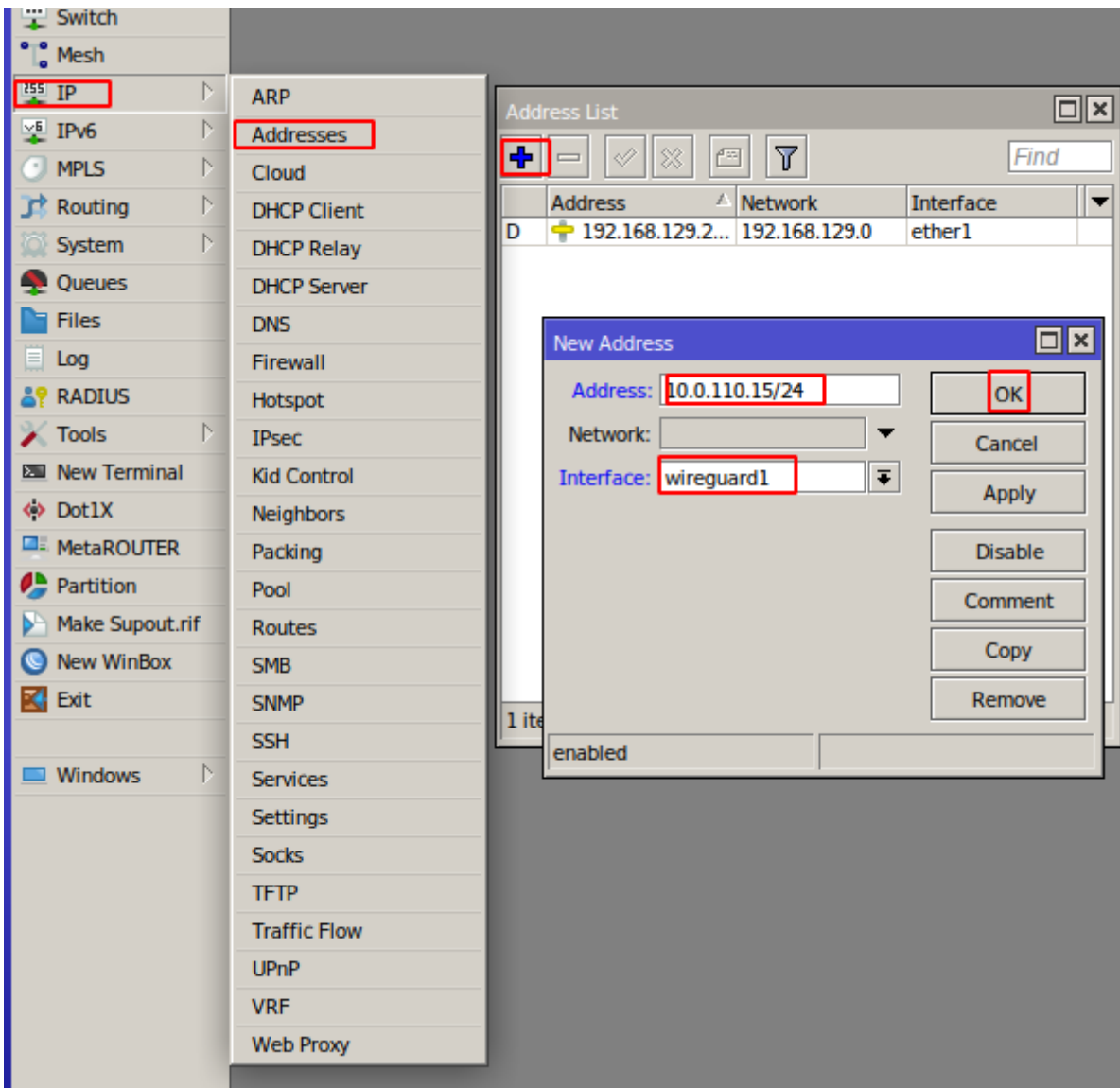


The image shows the 'WireGuard' window in Mikrotik WinBox. It has two tabs: 'WireGuard' and 'Peers'. The 'WireGuard' tab is active, showing a table with one entry for 'wireguard1'. The table columns are: Interface, Public Key, Endpoint, Endpoint ..., Allowed Add..., Preshared Key, Persiste..., Rx, Tx, and Last Handsha... The data for 'wireguard1' is: Public Key: xbrwVHxNZ8UsjHQyyzFwmO..., Endpoint: 77.87.125.200, Endpoint ...: 51930, Allowed Add...: 0.0.0.0/0, Preshared Key: (empty), Persiste...: 00:00:05, Rx: 156 B, Tx: 388 B, Last Handsha...: 00:00:12.

| Interface | Public Key | Endpoint | Endpoint ... | Allowed Add... | Preshared Key | Persiste... | Rx | Tx | Last Handsha... |
|------------|---------------------------|---------------|--------------|----------------|---------------|-------------|-------|-------|-----------------|
| wireguard1 | xbrwVHxNZ8UsjHQyyzFwmO... | 77.87.125.200 | 51930 | 0.0.0.0/0 | | 00:00:05 | 156 B | 388 B | 00:00:12 |

In order to have communication with the server, you need to set the address on the **WireGuard** interface

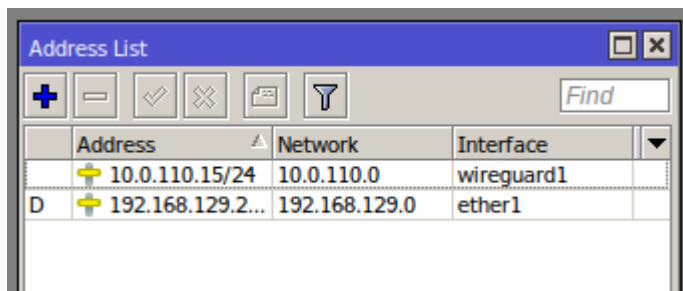
Go to the menu item **IP->Addresses** In the window that opens, click the plus to assign an IP address to the WireGuard interface



Adresse - Copy the Address from the text configuration from the **[Interface]** section to the Address field

Interface - Select the previously created **WireGuard** interface

Press the OK button to confirm



You also need to configure the traffic routes you need at your discretion.

Revision #1

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