

# Mikrotik WireGuard client configuration

Mikrotik WireGuard VPN module

## WISECP

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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

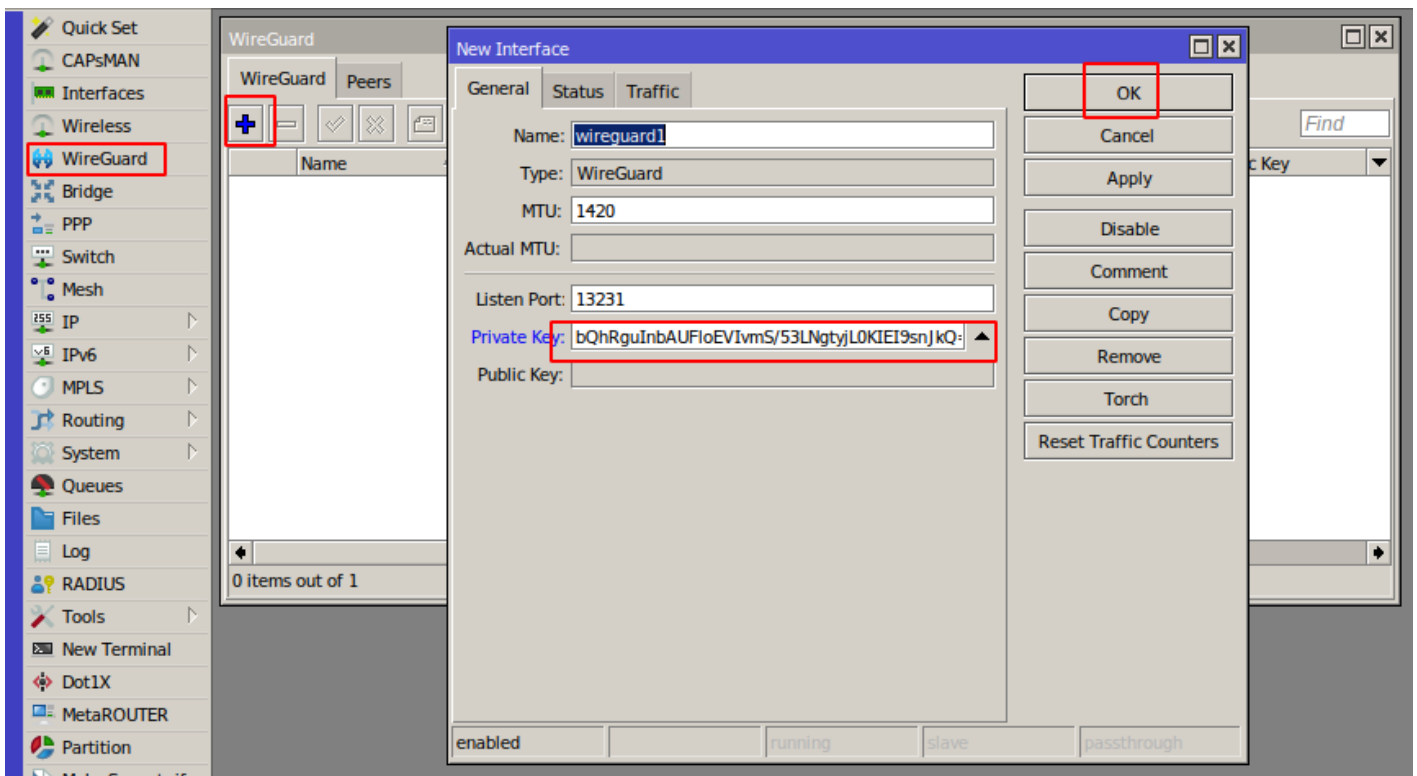
## Download config file

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

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

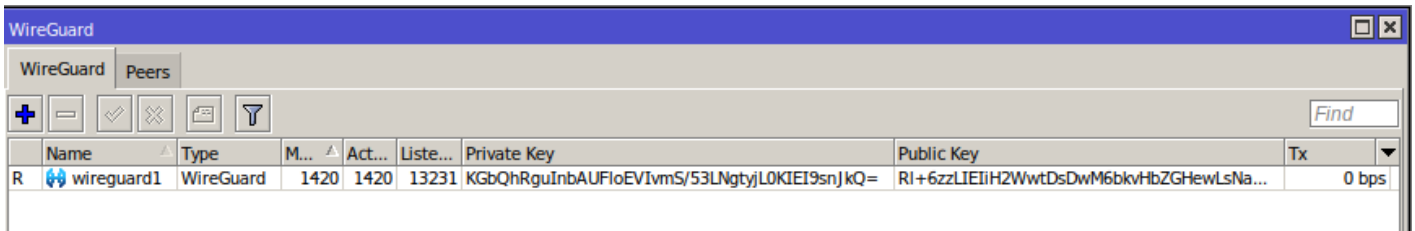
## Login to Mikrotik via Winbox

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



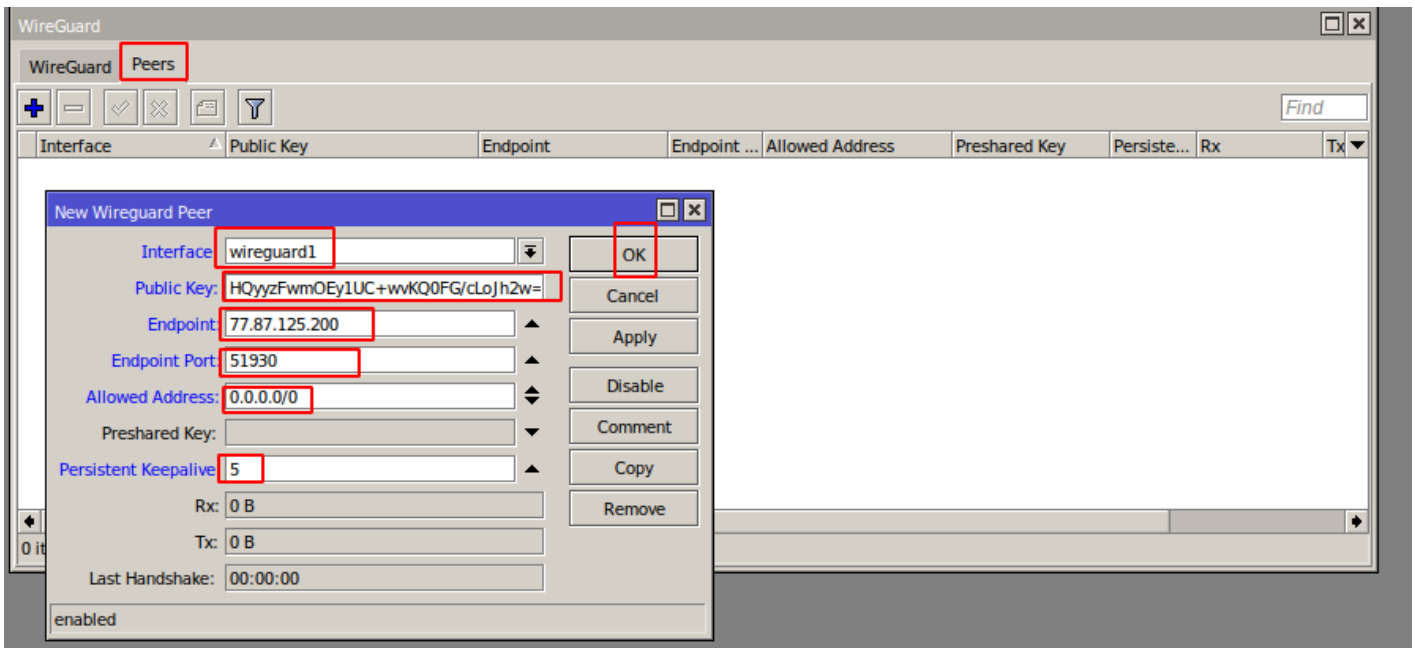
Copy the private key from the text configuration from the **[Interface]** section to the **PrivateKey** field in the **WireGuard** interface settings in **Mikrotik**

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

Interface	Public Key	Endpoint	Endpoint ...	Allowed Add...	Preshared Key	Persiste...	Rx	Tx	Last Handsha...
wireguard1	xbrwVHxNZ8U5jHQyzzFwmO...	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

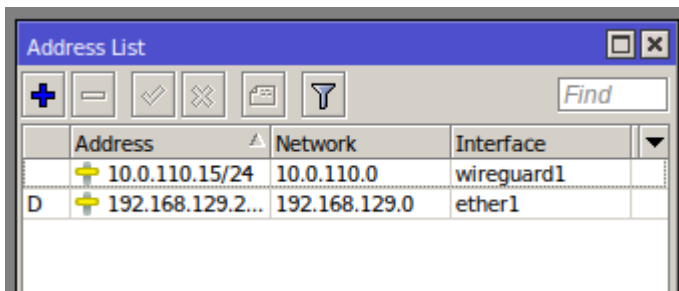
Go to the menu item **IP->Addresses** In the window that opens, click the plus to assign an IP address to the WireGuard interface

The screenshot shows the Mikrotik WinBox interface. On the left, the 'IP' menu is expanded, and 'Addresses' is selected. In the center, the 'Address List' window is open, showing a table with one entry: 'D 192.168.129.2... 192.168.129.0 ether1'. Below this, the 'New Address' dialog box is open, with the 'Address' field set to '10.0.110.15/24' and the 'Interface' dropdown set to 'wireguard1'. The 'OK' button is highlighted.

**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.

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Revision #1

Created 25 November 2023 05:19:42 by Ruslan

Updated 25 November 2023 05:21:13 by Ruslan