

Mikrotik WireGuard client configuration

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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

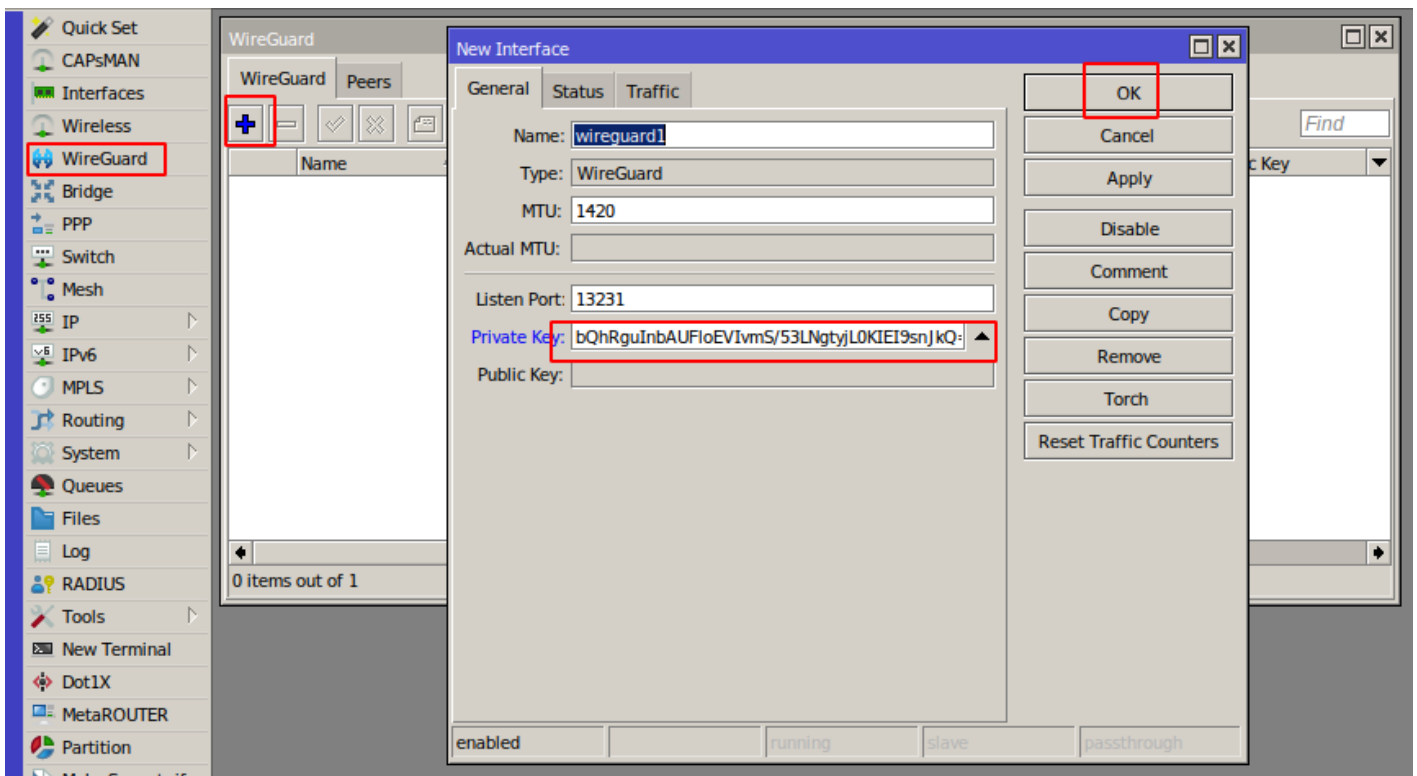
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```
[Interface]
Address = 10.0.110.15/24
DNS = 10.0.110.1,77.87.125.200
PrivateKey = KgbQhRguInbAUFloEVIvmS/53LNgtYjL0KIEI9snJkQ=

[Peer]
AllowedIPs = 0.0.0.0/0
PersistentKeepalive = 5
Endpoint = 77.87.125.200:51930
PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+vvKQ0FG/cLoJh2w=
```

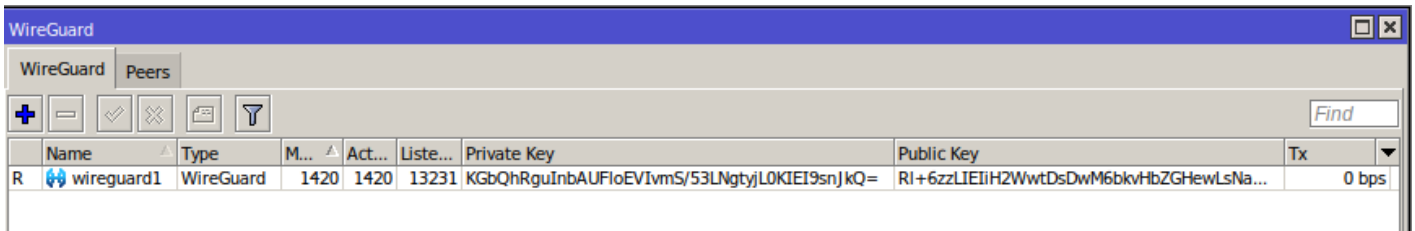
Login to Mikrotik via Winbox

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



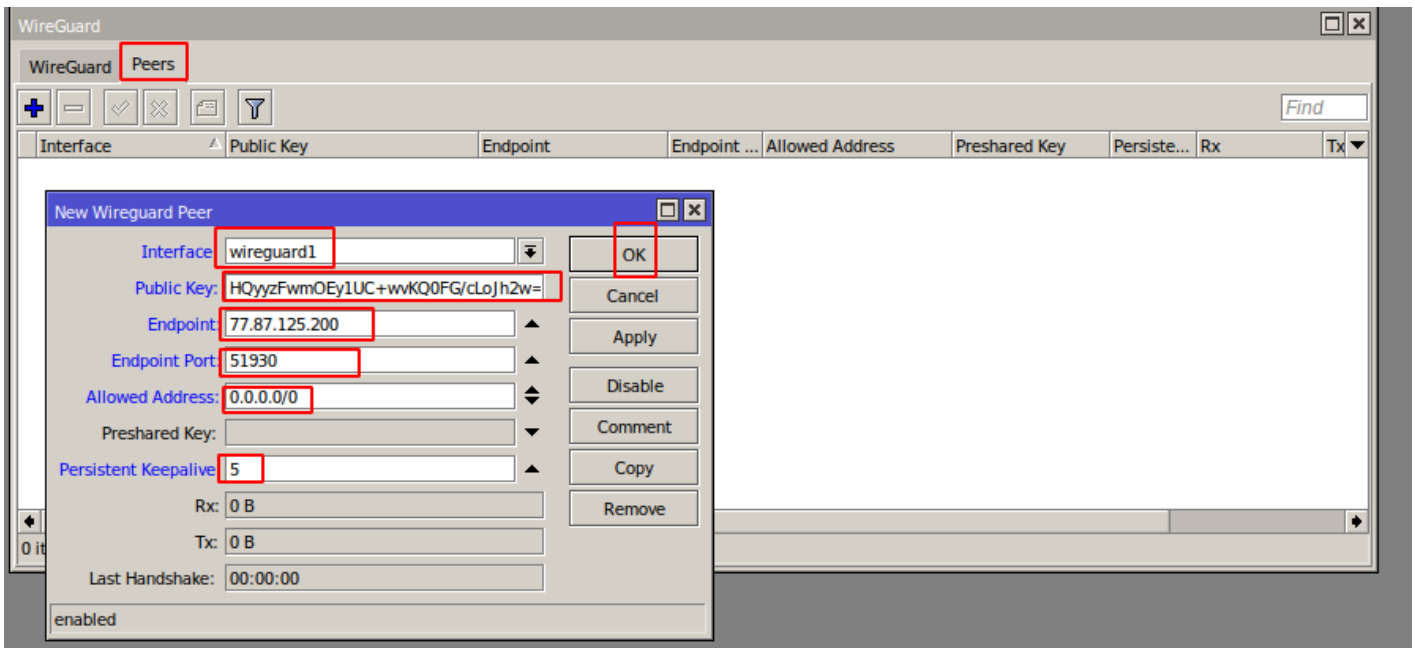
Copy the private key from the text configuration from the **[Interface]** section to the **PrivateKey** field in the **WireGuard** interface settings in **Mikrotik**

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

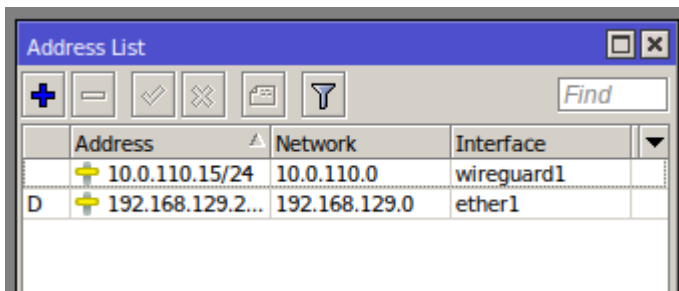
The screenshot shows the Mikrotik WinBox interface. The 'IP' menu is open, and 'Addresses' is selected. The 'Address List' window is open, showing a table with columns: Address, Network, and Interface. The 'New Address' dialog is open, with 'Address' set to 10.0.110.15/24 and 'Interface' set to wireguard1.

Address	Network	Interface
192.168.129.2...	192.168.129.0	ether1

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 #8

Created 15 December 2022 03:29:38 by Ruslan

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