

Changing WireGuard Configuration

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WireGuard configuration is available in the menu item **VPN servers->WireGuard**

Select the **WireGuard** interface you want to change and click on the **Edit** button

You must understand that changing any interface parameters will completely remove all old configuration and create an interface with new parameters.

In case of changing critical parameters, each client must reconfigure the connection taking into account the new configuration.

The screenshot shows the PUQVPNCP interface for managing WireGuard servers. The top navigation bar includes the logo, a help button, a user profile (ruslan), and a logout button. A sidebar on the left contains menu items: Dashboard, VPN servers, VPN accounts, Settings, and About us. The main content area is titled 'WireGuard' and features a 'Create' button. Below this is a table listing existing WireGuard interfaces.

Find By Name	Peers	IKEv2	Find By Interface	Find By Network	Internal Traffic	IP:Port	Bandwidth	Keepalive		
<u>1-4847</u>	0	YES	wg0	10.0.0.1/24	NO	77.87.125.200:51820 DNS: 8.8.8.8 1.1.1.1	100M / 100M	25	Port forwarding	Delete
<u>77-87-125-209</u>	14	YES	wg110	10.0.111.1/24 2a11:ff00::101/120	YES	77.87.125.200:51930 DNS: 10.0.111.1	5M / 2M	25	Port forwarding	Delete
<u>8-4986</u>	1	YES	wg2	10.0.2.1/24	YES	77.87.125.200:51822 DNS: 8.8.8.8 1.1.1.1	100M / 100M	25	Port forwarding	Delete
<u>Default</u>	2	NO	wg1	10.0.1.1/24	NO	77.87.125.200:51821 DNS: 10.0.1.1 77.87.125.200	Unlimited / Unlimited	0	Port forwarding	Delete

PUQVPNCP ? HELP ? ruslan (2a02:a311:4041:200:49:67:42:113a:949b) Logout

WireGuard / Edit WireGuard

Save Set Bandwidth Port forwarding

Name: Port: 51930

Interface name:

Private key:

Public key: Public key

Firewall Nat: 10.0.111.0/24 -> 0.0.0.0/0 SNAT to:77.87.125.209 Pkt:0 Bytes:0

Firewall Filter: 10.0.111.0/24 -> 10.0.111.0/24 ACCEPT Pkt:0 Bytes:0

Traffic Control: iptables -t nat -F -A POSTROUTING -s 10.0.111.0/24 -o eth0 -j SNAT --to-rs 77.87.125.209

Name	Status	IP	Download	Upload	Mangle	
dimon_pc	Enable	10.0.111.12 2a11:f00c:10b	5M	2M	324	Edit
dimon_telefon	Enable	10.0.111.6 2a11:f00c:106	5M	2M	110	Edit
dinos_pc	Enable	10.0.111.13 2a11:f00c:108	5M	2M	538	Edit
dino_telefon	Enable	10.0.111.7 2a11:f00c:10c	5M	2M	209	Edit
galia_pc	Enable	10.0.111.14 2a11:f00c:10d	5M	2M	211	Edit
mikrotik	Enable	10.0.111.9 2a11:f00c:102	5M	2M	100	Edit
mikrotik2	Enable	10.0.111.10 2a11:f00c:103	5M	2M	214	Edit
mikrotik3	Enable	10.0.111.8 2a11:f00c:104	5M	2M	216	Edit
ruslan_dom_pc	Enable	10.0.111.2 2a11:f00c:109	5M	2M	322	Edit
ruslan_mint	Enable	10.0.111.15 2a11:f00c:10a	5M	2M	101	Edit
ruslan_pc	Enable	10.0.111.3 2a11:f00c:105	5M	2M	286	Edit
ruslan_telefon	Enable	10.0.111.11 2a11:f00c:107	5M	2M	131	Edit
ruslan_windows	Enable	10.0.111.4 2a11:f00c:10e	5M	2M	210	Edit
test_mac	Enable	10.0.111.5 2a11:f00c:10f	5M	2M	212	Edit

You can change the following parameters of the WireGuard interface

- **Private key/Public key** - Keys for encrypting the traffic of the WireGuard interface, the system generated new keys, but you can set them yourself when creating the **WireGuard** interface
- **IP/MASK** -The parameters of the internal network of clients of this **WireGuard** interface, the address that is specified will be assigned to the interface and for all clients of this interface it will be the default gateway.
- **Internal Traffic** - Allow or deny traffic exchange between the client of this interface
- **Port** - Port on which the interface will listen for incoming connections
- **External IP** - The public IP address that will be used in the interface configuration, NAT will be organized through this address for all clients of this interface. **The address must be public and configured on the server.**
- **DNS 1/DNS 2** - DNS servers that will be issued to the client of this interface
- **Bandwidth download/Bandwidth upload** - conditional value for the throughput of each peer connected to this **WireGuard** interface. This data will be automatically applied when creating a VPN client for this WireGuard interface.
- **Persistent Keepalive** - A sensible interval that works with a wide variety of firewalls is 25 seconds. Setting it to 0 turns the feature off, which is the default, since most users will not need this, and it makes **WireGuard** slightly more chatty
- **MTU** - Ability to set **MTU** on the **WireGuard** interface. This parameter is involved in generating the client settings configuration.
- **AllowedIPs** - This parameter is involved in generating the client settings configuration.
- **IKEv2 Enabled** - Enables **IKEv2** protocol support for this interface. If set to **YES** then users of this interface will connect to the server using the **IKEv2** protocol
- **IPv6** - Enable or disable IPV6
- **IPv6/MASK** - IPv6 subnet to be distributed among peers
- **DNS 1 IPv6/DNS 2 IPv6** - IPv6 DNS servers

"**Set Bandwidth**" button, which automatically sets the bandwidth of all clients of the external interface/server Set Bandwidth for the parameters that are entered in the section Peer configuration

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