

Creating a WireGuard Configuration

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In order for the WireGuard solution to work properly, it is necessary to create, among others: interface for Wireguard and configure other settings

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

Find By Name	Peers	IKEv2	Find By Interface	Find By Network	Internal Traffic	IP:Port	Bandwidth Keepalive		
1-4847	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
77-87-125-209	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
8-4986	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
Default	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

To create a new **WireGuard** server, click the Create button.

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Add

<p>Name Default_2</p> <p>Private key CFLkYZGWgJ/DmlJ4ycHKNJuQkhfe1</p> <p>Public key 6DnTiOck280zaNC7pzn94k6csZIBkF</p>	<p>Interface name wg4</p> <p>MTU 0</p> <p>0 - disabled Port 51824</p> <p>Internal Traffic DROP</p> <p>Disable NAT NO</p> <p>IP/MASK 10.0.3.1/24</p> <p>External IP 77.87.125.200</p> <p>DNS 1 10.0.3.1</p> <p>DNS 2 77.87.125.200</p> <p>IPv6 NO</p> <p>IPv6/MASK ::/0</p> <p>DNS 1 IPv6 ::</p> <p>DNS 2 IPv6 ::</p>	<p>Peers configuration</p> <p>Bandwidth download (in M) per peer 0</p> <p>Bandwidth upload (in M) per peer 0</p> <p>Persistent Keepalive 0</p> <p><i>0 - disabled</i></p> <p>AllowedIPs 0.0.0.0/0, ::/0</p> <p><i>Empty will mean "0.0.0.0/0"</i> <i>If enabled IPv6 "0.0.0.0/0, ::/0"</i></p> <p>Endpoint </p> <p><i>Fill without port</i> <i>Empty then filled automatically</i></p> <p>IKEv2 Enabled NO</p>
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The system will automatically fill in the form for creating a new server with unique data.

You can change the data if necessary.

- **Name** - This is a unique configuration name, this name appears in the system as the main configuration model of the **WireGuard** interface, this parameter cannot be changed later
- **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
- **Interface name** - Name of the **WireGuard** network interface in the system, this parameter cannot be changed
- **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
- **Disable NAT**- If set to YES, then NAT rules will not be added to the firewall, which is necessary for public IP for the client or restricting access to the Internet.
- **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

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Created 14 December 2022 08:10:34 by Ruslan

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