

# 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**

**PUQVPNCP**
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ruslan (2a02:a311:4041:200:49:6742:113a:949b)
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## WireGuard

Create

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

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

PUQVPNCP

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ruslan (213.134.190.109)

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## WireGuard / Add WireGuard

Add

Name

Default\_2

Private key

CFLkYZGWgJ/DmIJ4ycHKNJuQkhfe1

Public key

6DnTiOck280zaNC7pzn94k6csZIBkF

Interface name

wg4

MTU

0

0 - disabled Port

51824

Internal Traffic

DROP

Disable NAT

NO

IP/MASK

10.0.3.1/24

External IP

77.87.125.200

DNS 1

10.0.3.1

DNS 2

77.87.125.200

IPv6

NO

IPv6/MASK

:::0

DNS 1 IPv6

..

DNS 2 IPv6

..

Peers configuration

Bandwidth download (in M) per peer

0

Bandwidth upload (in M) per peer

0

Persistent Keepalive

0

0 - disabled

AllowedIPs

0.0.0.0/0, :::0

Empty will mean "0.0.0.0/0"

If enabled IPv6 "0.0.0.0/0, :::0"

Endpoint

Fill without port

Empty then filled automatically

IKEv2 Enabled

NO

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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Revision #13

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