

VPN accounts

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Create VPN account

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In this panel tab you can create new VPN accounts.

This activity can be simplified by using additional modules for WHMCS that automate the whole process. [More information here.](#)

Create VPN account

To create a VPN account go to **VPN accounts** -> **Add VPN account**

The screenshot shows the 'VPN accounts / Add VPN account' page in the PUQVPNCP control panel. The left sidebar contains navigation links: Dashboard, VPN servers, VPN accounts (selected), Settings, and About us. Under 'VPN accounts', there are links for 'List of accounts', 'Add account' (highlighted with a red box), 'WireGuard online', and 'IKEv2 online'. The main content area is titled 'VPN accounts / Add VPN account' and features an 'Add' button. The form includes fields for Name (peer_10), Status (Enable), Username (user_104), Password (9e4&@R5K\$C), and a 'Generate password' button. On the right, there are sections for Wireguard (77_87_125_209 (wg110 10.0.110.1/2)), IP (10.0.110.13), Private key (mFM6as+3v5HY1j6EnNFfCWBD2kdd), Public key (gSNF3nnm8z2PCsF+vCOl1u9NaB3H), Bandwidth download (in M) (0), and Bandwidth upload (in M) (0).

The system will automatically fill the form with unique data. It is necessary to change them if there is a need for it.

- **Name** - Account name, required to link the account with the WireGuard and IKEv2 servers
- **Status** - Account status can be enabled or disabled
- **Username/Password** - Authorization data for protocols that require login and password authorization (IKEv2)
- **Wireguard** - The Wireguard interface to which the new account will be assigned
- **IP** - The IP address that will be allocated to the account and will be assigned when connecting by any protocol.

- **Private key/Public key** -Traffic encryption keys in the WireGuard protocol
- **Bandwidth download /Bandwidth upload** - If necessary, reassign the bandwidth of the account. Otherwise, a similar parameter of the WireGuard interface will be taken into account

After filling in all the fields, click the **Add** button

PUQVPNCP

? HELP ?

ruslan (79.184.3.204)

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Create one-time link

Name

peer_10

Wireguard

77_87_125_209

Private key

mFM6as+3v5HY1j6EnNfCWBD2kddQ

Public key

gSNF3nm8z2PCsF+vCOI1u9NaB3Hv

Username

user_104

Password

9e4&@R5K\$C

Generate password

Status

Enable

IP

10.0.110.13

Bandwidth download (in M)

30

Bandwidth upload (in M)

30

IKEv2

Security Associations (1 up, 0 connecting):

no match

WireGuard

| Endpoint | Allowed IPs | Latest handshake | Transfer RX | Transfer TX | Keepalive |
|----------|----------------|------------------|-------------|-------------|-----------|
| (none) | 10.0.110.13/32 | never | 0 | 0 | 5 |

Firewall Mangle

0.0.0.0/0 -> 10.0.110.13 MARK 0xd5 Pkt:0 Bytes:0

10.0.110.13 -> 0.0.0.0/0 MARK 0xd5 Pkt:0 Bytes:0

Traffic Control

ens18 --> class htb 1:213 root leaf c416: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b

Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

wg110 --> class htb 1:213 root leaf c417: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b

Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

Traffic 2022-12

| | |
|------------------|-------|
| Traffic Download | 0 GiB |
| Traffic Upload | 0 GiB |

[Interface]

Address = 10.0.110.13/24

DNS = 10.0.110.1,77.87.125.200

PrivateKey = mFM6as+3v5HY1j6EnNfCWBD2kddQUq3UmXk/FaeTEo=

[Peer]

AllowedIPs = 0.0.0.0/0

PersistentKeepalive = 5

Endpoint = 77.87.125.200:51930

PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+vvKQ0FG/cLo3h2w=

Download config

Editing VPN account

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In this panel tab you can manage VPN accounts.

This activity can be simplified by using additional modules for WHMCS that automate the whole process. [More information here.](#)

Edit an VPN account

To edit an account, go to **VPN accounts** -> **List accounts** and select the account you want to edit by pressing the **EDIT** button

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| Find By Name | Status | Find By Username | Find By IP | Download Upload | WireGuard | Mangle | | |
|---------------|--------|------------------|-------------|-----------------|---------------|--------|------|--------|
| 1-4820-dupa | Enable | user_1 | 10.0.7.66 | 3M 4M | 1-4820 | 100 | Edit | Delete |
| dimon_pc | Enable | user_219 | 10.0.110.5 | 30M 30M | 77 87 125 209 | 324 | Edit | Delete |
| dimon_telefon | Enable | dimon_telefon | 10.0.110.7 | 30M 30M | 77 87 125 209 | 110 | Edit | Delete |
| dino_pc | Enable | user_433 | 10.0.110.6 | 30M 30M | 77 87 125 209 | 538 | Edit | Delete |
| dino_telefon | Enable | dino_telefon | 10.0.110.8 | 30M 30M | 77 87 125 209 | 209 | Edit | Delete |
| galia_pc | Enable | user_11 | 10.0.110.11 | 30M 30M | 77 87 125 209 | 211 | Edit | Delete |
| peer_1 | Enable | user_10 | 10.0.96.2 | 1M 1M | Default 97 | 109 | Edit | Delete |
| peer_10 | Enable | user_104 | 10.0.110.13 | 30M 30M | 77 87 125 209 | 213 | Edit | Delete |
| peer_100 | Enable | user_101 | 10.0.100.14 | 33M 22M | Default 101 | 206 | Edit | Delete |
| peer_101 | Enable | user_102 | 10.0.110.9 | 30M 20M | 77 87 125 209 | 207 | Edit | Delete |

PUQVPNCP

? HELP ?

ruslan (79.184.3.204)

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Create one-time link

Name

peer_10

Wireguard

77.87.125.209

Private key

mFM6as+3v5HY1j6EnNfCWBD2kddQ

Public key

gSNF3nm8z2PCsF+vCOI1u9NaB3H

Username

user_104

Password

9e4&@R5K\$C

Generate password

Status

Enable

IP

10.0.110.13

Bandwidth download (in M)

30

Bandwidth upload (in M)

30

IKEv2

Security Associations (1 up, 0 connecting):

no match

WireGuard

| Endpoint | Allowed IPs | Latest handshake | Transfer RX | Transfer TX | Keepalive |
|----------|----------------|------------------|-------------|-------------|-----------|
| (none) | 10.0.110.13/32 | never | 0 | 0 | 5 |

Firewall Mangle

0.0.0.0/0 -> 10.0.110.13 MARK 0xd5 Pkt:0 Bytes:0

10.0.110.13 -> 0.0.0.0/0 MARK 0xd5 Pkt:0 Bytes:0

Traffic Control

ens18 --> class htb 1:213 root leaf c416: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b

Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

wg110 --> class htb 1:213 root leaf c417: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b

Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

Traffic 2022-12

| | |
|------------------|-------|
| Traffic Download | 0 GiB |
| Traffic Upload | 0 GiB |

[Interface]

Address = 10.0.110.13/24

DNS = 10.0.110.1, 77.87.125.200

PrivateKey = mFM6as+3v5HY1j6EnNfCWBD2kddQq3UmXk/FaeTEo=

[Peer]

AllowedIPs = 0.0.0.0/0

PersistentKeepalive = 5

Endpoint = 77.87.125.200:51930

PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+vvKQ0FG/cLoJhZw=

Download config

It is possible to edit the following parameters

- **Password** - User password for connecting through protocols that require login and password authorization
- **Status** - To enable or disable an account
- **IP** - The IP address that will be allocated to the account and will be assigned when connecting by any protocol (If you change this setting, you must reconfigure the client with the new configuration in the WireGuard protocol)
- **Bandwidth download/Bandwidth upload** - Account bandwidth

After all the data has been entered, click the **Save** button.

Each time the **Save** button is pressed, the client settings will be reconfigured and the connection to the client will be terminated.

Diagnostic Information

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Information about VPN account diagnostics is available in the menu item **VPN accounts -> List accounts.**

Select the VPN account for which you want to display diagnostic information by clicking the **EDIT** button

PUQVPNCP

? HELP ?

ruslan (79.184.3.204)

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| | | | | | | | | |
|----------------|--------|--------------|-------------|------------|---------------|-----|------|--------|
| ruslan_dom_pc | Enable | user_217 | 10.0.110.4 | 30M 29M | 77 87 125 209 | 322 | Edit | Delete |
| ruslan_pc | Enable | user_181 | 10.0.110.3 | 30M 30M | 77 87 125 209 | 286 | Edit | Delete |
| ruslan_telefon | Enable | user_32 | 10.0.110.17 | 10M 10M | 77 87 125 209 | 131 | Edit | Delete |
| ruslan_windows | Enable | test_windows | 10.0.110.10 | 30M 30M | 77 87 125 209 | 210 | Edit | Delete |

PUQVPNCP

? HELP ?

ruslan (79.184.3.204)

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Create one-time link

Name

ruslan_telefon

Wireguard

77.87.125.209

Private key

MEZAzrlpzqNJCT8k9JWLkBL2+TPe/L

Public key

GA2IQFgC+SVYwoletUNQPSR1yiet4

Username

user_32

Password

4zU5D8TTMjt

Generate password

Status

Enable

IP

10.0.110.17

Bandwidth download (in M)

10

Bandwidth upload (in M)

10

IKEv2

Security Associations (1 up, 0 connecting):

ikev2-ruslan_telefon[5596]: ESTABLISHED 82 minutes ago, 77.87.125.200[dev.softkeel.com]...79.184.3.204[user_32]

ikev2-ruslan_telefon{9}: INSTALLED, TUNNEL, reqid 2, ESP in UDP SPIs: ccff81f6_i f9bcfbef_o

ikev2-ruslan_telefon{9}: 0.0.0.0/0 == 10.0.110.17/32

WireGuard

| Endpoint | Allowed IPs | Latest handshake | Transfer RX | Transfer TX | Keepalive |
|----------|----------------|------------------|-------------|-------------|-----------|
| (none) | 10.0.110.17/32 | never | 0 | 0 | 5 |

Firewall Mangle

0.0.0.0/0 -> 10.0.110.17 MARK 0x83 Pkt:0 Bytes:0

10.0.110.17 -> 0.0.0.0/0 MARK 0x83 Pkt:0 Bytes:0

Traffic Control

ens18 --> class htb 1:131 root leaf c34e: prio 0 rate 10Mbit ceil 10Mbit burst 1600b cburst 1600b

Sent 44201690 bytes 69734 pkt (dropped 12, overlimits 29971 requeues 0)

backlog 0b 0p requeues 0

wg110 --> class htb 1:131 root leaf c34f: prio 0 rate 10Mbit ceil 10Mbit burst 1600b cburst 1600b

Sent 62713 bytes 318 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

Traffic 2022-12

| | |
|------------------|-----------|
| Traffic Download | 3.675 GiB |
| Traffic Upload | 0.948 GiB |

[Interface]

Address = 10.0.110.17/24

DNS = 10.0.110.1,77.87.125.200

PrivateKey = MEZAzrlpzqNJCT8k9JWLkBL2+TPe/LZQp3RAWEqffko=

[Peer]

AllowedIPs = 0.0.0.0/0

PersistentKeepalive = 5

Endpoint = 77.87.125.200:51930

PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+vvK08FG/cLoJh2w=

Download config

IKEv2 section

Actual data from the system about the connection in the **IKEv2** protocol

WireGuard

Actual data from the system about the connection in the **WireGuard** protocol

Firewall Mangle

The actual data is taken from the system firewall, these are rules that mark traffic from the client and to the client for bandwidth limitation purposes and to collect traffic statistics, with statistics on packet counters and traffic passing through these rules.

While the system is reading the brush value, the counter is reset to zero.

Traffic control

The actual data is taken from the system with the Traffic Control configuration, it shows that the interfaces are involved in traffic filtering in order to limit the rate for clients of this interface.

Traffic

Actual traffic usage in the current month

There is also a section with the configuration of the **WireGuard** client in the form of a QR code and in text form

WireGuard online users list

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In order to see which VPN accounts are online in the **WireGuard** protocol, you need to go to the menu item **VPN accounts->WireGuard online**

PUQVPNCP

? HELP ?

ruslan (79.184.3.204)

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Handshake

Transfer RX/TX

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WireGuard

| | | | | | | | | | |
|----------------|--------|---------------|-------------|---------------------|---------------------|-------------|------------|---------------|------|
| dimon_telefon | Enable | dimon_telefon | 10.0.110.7 | 46.211.82.141:10212 | 2022-12-14 13:18:36 | 19780/38828 | 30M 30M | 77 87 125 209 | Edit |
| peer_3 | Enable | user_3 | 10.0.108.6 | 79.184.3.204:43596 | 2022-12-14 13:17:48 | 148/220 | 40M 50M | Default 109 | Edit |
| ruslan_pc | Enable | user_181 | 10.0.110.3 | 79.184.3.204:44832 | 2022-12-14 13:18:33 | 7508/10764 | 30M 30M | 77 87 125 209 | Edit |
| ruslan_telefon | Enable | user_32 | 10.0.110.17 | 79.184.3.204:46740 | 2022-12-14 13:18:33 | 19588/76972 | 10M 10M | 77 87 125 209 | Edit |

IKEv2 online users list

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In order to see which VPN accounts are online in the **IKEv2** protocol, you need to go to the menu item **VPN accounts->IKE_v2 online**

PUQVPNCP

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ruslan (10.0.110.3)

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Find By Username

Find By IP

| | | | | Endpoint | Uptime | Download Upload | WireGuard | | |
|----------------|--------|---------------|-------------|--------------|----------------|--------------------|---------------|------|-----------------|
| dimon_telefon | Enable | dimon_telefon | 10.0.110.7 | 79.184.3.204 | 1 second ago | 30M 30M | 77 87 125 209 | Edit | Drop connection |
| ruslan_pc | Enable | user_181 | 10.0.110.3 | 79.184.3.204 | 8 seconds ago | 30M 30M | 77 87 125 209 | Edit | Drop connection |
| ruslan_telefon | Enable | user_32 | 10.0.110.17 | 79.184.3.204 | 15 seconds ago | 10M 10M | 77 87 125 209 | Edit | Drop connection |