

# Steps after installation

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# System config

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System settings are located in the menu item **Settings->System**

**PUQVPNCP** ? HELP ? ruslan (79.184.3.204) Logout

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## System config

Save Set default

### Traffic statistics

Collection frequency (minutes)

How often to collect traffic usage statistics, parameter in minutes.

History (months)

How long to keep the history of traffic statistics. Parameter in months. 0 means do not collect and store statistics.

### WireGuard online timeout

Handshake uptime (seconds)

How long after the last handshake to consider that the host is offline.

## Traffic statistics

- **Collection frequency** - How often to collect traffic usage statistics, parameter in minutes.
- **History** - How long to keep the history of traffic statistics. Parameter in months. 0 means do not collect and store statistics

## WireGuard online timeout

- **WireGuard online timeout** - How long after the last handshake to consider that the host is offline

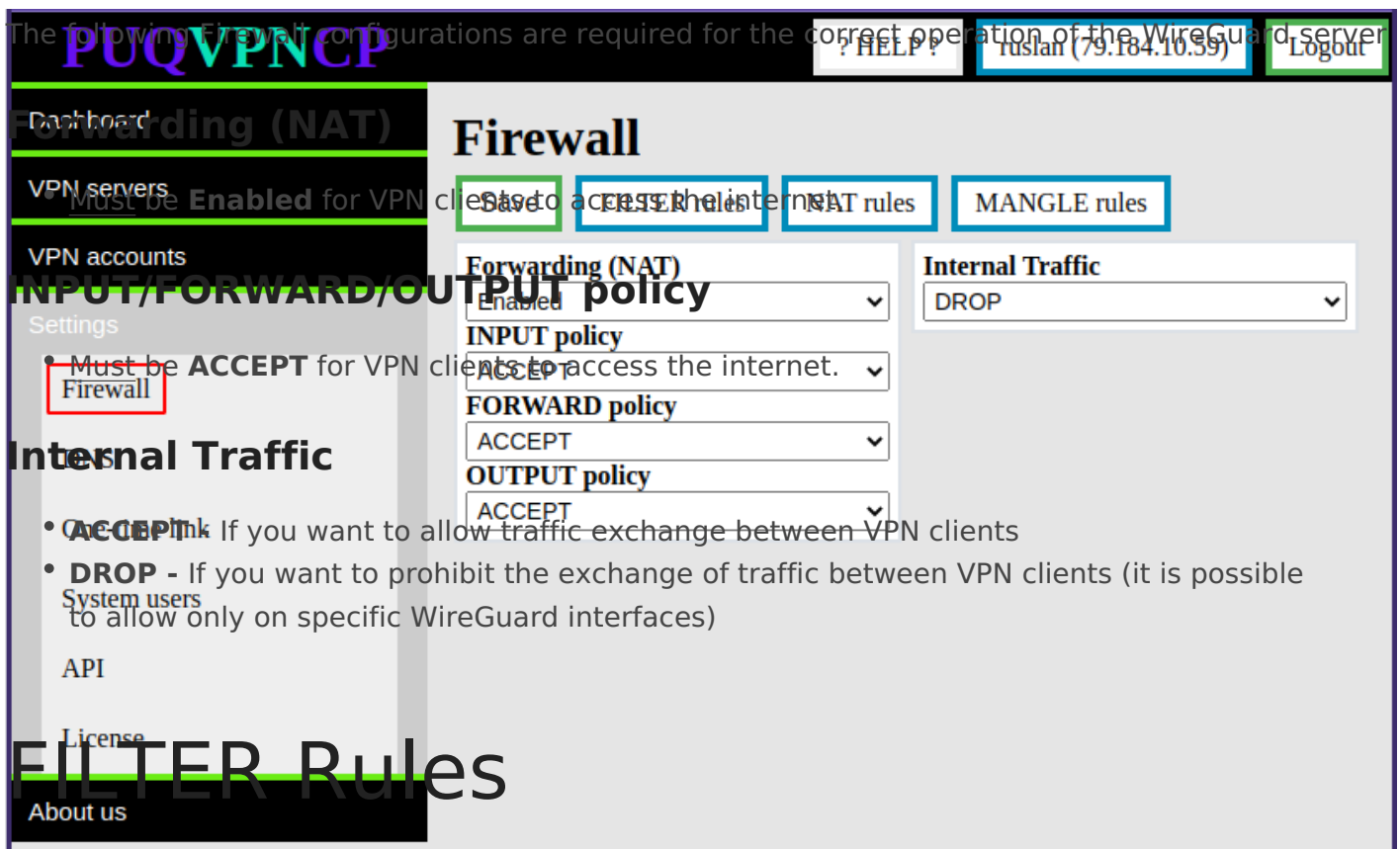
# Firewall settings

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Due to the fact that different types of firewalls may be installed in the system, please pay attention to the correct settings in the **Settings>Firewall** section, as described below.

This step is required for the solution to work properly.

Firewall configuration is available in the menu item  
**Settings->Firewall**



In this configuration section it is possible to add/delete firewall rules in the filtr table

Attention. Rules whose name starts with system\_ are system rules and cannot be deleted.

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? HELP ?

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Firewall / FILTER Rules

Name

Name

Chain

INPUT

Action

ACCEPT

Protocol

ANY

Source IP

0.0.0.0/0

Destination IP

0.0.0.0/0

Source Port

0

Destination Port

0

Add rule TOP

Add rule END

Name	Chain	Action	Protocol	Source IP	Destination IP	Source Port	Destination Port	
system_Default_28_wg28	FORWARD	ACCEPT	ANY	10.0.26.1/24	10.0.26.1/24	0	0	Delete
system_77_87_125_209_wg110	FORWARD	ACCEPT	ANY	10.0.110.1/24	10.0.110.1/24	0	0	Delete
system_Default_1_wg1	FORWARD	ACCEPT	ANY	10.0.0.1/24	10.0.0.1/24	0	0	Delete
system_Default_10_wg10	FORWARD	ACCEPT	ANY	10.0.200.3/24	10.0.200.3/24	0	0	Delete
system_Default_125_wg125	FORWARD	ACCEPT	ANY	10.0.124.1/24	10.0.124.1/24	0	0	Delete
system_192to192	FORWARD	DROP	ANY	192.168.0.0/16	192.168.0.0/16	0	0	Delete
system_192to172	FORWARD	DROP	ANY	172.16.0.0/12	192.168.0.0/16	0	0	Delete
system_192to10	FORWARD	DROP	ANY	10.0.0.0/8	192.168.0.0/16	0	0	Delete
system_172to192	FORWARD	DROP	ANY	192.168.0.0/16	172.16.0.0/12	0	0	Delete
system_172to172	FORWARD	DROP	ANY	172.16.0.0/12	172.16.0.0/12	0	0	Delete
system_172to10	FORWARD	DROP	ANY	10.0.0.0/8	172.16.0.0/12	0	0	Delete
system_10to192	FORWARD	DROP	ANY	192.168.0.0/16	10.0.0.0/8	0	0	Delete
system_10to172	FORWARD	DROP	ANY	172.16.0.0/12	10.0.0.0/8	0	0	Delete
system_10to10	FORWARD	DROP	ANY	10.0.0.0/8	10.0.0.0/8	0	0	Delete
system_PUQVPNCP	INPUT	ACCEPT	TCP	0.0.0.0/0	0.0.0.0/0	0	8098	Delete

# NAT Rules

In the NAT Rules section, it is possible to view all the rules for which the system has automatically created.

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Firewall / NAT Rules

Name	Chain	Source IP	Destination IP	ToSource
Default_103_wg103	POSTROUTING	10.0.102.0/24	0.0.0.0/0	77.87.125.200
Default_39_wg39	POSTROUTING	10.0.38.0/24	0.0.0.0/0	77.87.125.200
Default_138_wg138	POSTROUTING	10.0.137.0/24	0.0.0.0/0	77.87.125.200
Default_144_wg144	POSTROUTING	10.0.143.0/24	0.0.0.0/0	77.87.125.200
Default_186_wg186	POSTROUTING	10.0.185.0/24	0.0.0.0/0	77.87.125.200
Default_332_wg332	POSTROUTING	10.1.75.0/24	0.0.0.0/0	77.87.125.200
Default_104_wg104	POSTROUTING	10.0.103.0/24	0.0.0.0/0	77.87.125.200
Default_125_wg125	POSTROUTING	10.0.124.0/24	0.0.0.0/0	77.87.125.200
Default_149_wg149	POSTROUTING	10.0.148.0/24	0.0.0.0/0	77.87.125.200
Default_10_wg10	POSTROUTING	10.0.200.0/24	0.0.0.0/0	77.87.125.200
Default_127_wg127	POSTROUTING	10.0.126.0/24	0.0.0.0/0	77.87.125.200
Default_27_wg27	POSTROUTING	10.0.25.0/24	0.0.0.0/0	77.87.125.200
Default_170_wg170	POSTROUTING	10.0.169.0/24	0.0.0.0/0	77.87.125.200
Default_19_wg19	POSTROUTING	10.0.18.0/24	0.0.0.0/0	77.87.125.200
Default_79_wg79	POSTROUTING	10.0.78.0/24	0.0.0.0/0	77.87.125.200
Default_94_wg94	POSTROUTING	10.0.93.0/24	0.0.0.0/0	77.87.125.200
Default_1_wg1	POSTROUTING	10.0.0.0/24	0.0.0.0/0	77.87.125.200
Default_44_wg44	POSTROUTING	10.0.43.0/24	0.0.0.0/0	77.87.125.200
Default_76_wg76	POSTROUTING	10.0.75.0/24	0.0.0.0/0	77.87.125.200
Default_95_wg95	POSTROUTING	10.0.94.0/24	0.0.0.0/0	77.87.125.200
Default_111_wg112	POSTROUTING	10.0.112.0/24	0.0.0.0/0	77.87.125.200
Default_169_wg169	POSTROUTING	10.0.168.0/24	0.0.0.0/0	77.87.125.200
Default_92_wg92	POSTROUTING	10.0.91.0/24	0.0.0.0/0	77.87.125.200
Default_184_wg184	POSTROUTING	10.0.183.0/24	0.0.0.0/0	77.87.125.200
Default_26_wg26	POSTROUTING	10.0.23.0/24	0.0.0.0/0	77.87.125.200
Default_154_wg154	POSTROUTING	10.0.153.0/24	0.0.0.0/0	77.87.125.200
Default_172_wg172	POSTROUTING	10.0.171.0/24	0.0.0.0/0	77.87.125.200
Default_101_wg101	POSTROUTING	10.0.100.0/24	0.0.0.0/0	77.87.125.200
Default_69_wg69	POSTROUTING	10.0.68.0/24	0.0.0.0/0	77.87.125.200
Default_110_wg111	POSTROUTING	10.0.111.0/24	0.0.0.0/0	77.87.125.200

# MANGLE Rules

In the MANGLE Rules section, it is possible to view all the rules for which the system has automatically created.

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## Firewall / MANGLE Rules

Name	Chain	Action	Source IP	Destination IP	SetMark
dst_peer_222_user_226	FORWARD	MARK	0.0.0.0/0	10.0.111.4	331
src_peer_222_user_226	FORWARD	MARK	10.0.111.4	0.0.0.0/0	331
dst_peer_314_user_318	FORWARD	MARK	0.0.0.0/0	10.0.111.7	423
src_peer_314_user_318	FORWARD	MARK	10.0.111.7	0.0.0.0/0	423
dst_peer_462_user_467	FORWARD	MARK	0.0.0.0/0	10.0.111.11	572
src_peer_462_user_467	FORWARD	MARK	10.0.111.11	0.0.0.0/0	572
dst_peer_275_user_279	FORWARD	MARK	0.0.0.0/0	10.0.111.6	384
src_peer_275_user_279	FORWARD	MARK	10.0.111.6	0.0.0.0/0	384
dst_peer_319_user_323	FORWARD	MARK	0.0.0.0/0	10.0.111.8	428
src_peer_319_user_323	FORWARD	MARK	10.0.111.8	0.0.0.0/0	428
dst_peer_409_user_413	FORWARD	MARK	0.0.0.0/0	10.0.111.9	518
src_peer_409_user_413	FORWARD	MARK	10.0.111.9	0.0.0.0/0	518
dst_peer_438_user_443	FORWARD	MARK	0.0.0.0/0	10.0.111.10	548
src_peer_438_user_443	FORWARD	MARK	10.0.111.10	0.0.0.0/0	548
dst_peer_208_user_210	FORWARD	MARK	0.0.0.0/0	10.0.111.2	315
src_peer_208_user_210	FORWARD	MARK	10.0.111.2	0.0.0.0/0	315
dst_peer_209_user_211	FORWARD	MARK	0.0.0.0/0	10.0.111.3	316
src_peer_209_user_211	FORWARD	MARK	10.0.111.3	0.0.0.0/0	316
dst_peer_271_user_275	FORWARD	MARK	0.0.0.0/0	10.0.111.5	380
src_peer_271_user_275	FORWARD	MARK	10.0.111.5	0.0.0.0/0	380
dst_peer_130_user_131	FORWARD	MARK	0.0.0.0/0	10.0.154.2	236
src_peer_130_user_131	FORWARD	MARK	10.0.154.2	0.0.0.0/0	236
dst_peer_201_user_203	FORWARD	MARK	0.0.0.0/0	10.0.154.3	308
src_peer_201_user_203	FORWARD	MARK	10.0.154.3	0.0.0.0/0	308
dst_peer_277_user_281	FORWARD	MARK	0.0.0.0/0	10.0.154.4	386
src_peer_277_user_281	FORWARD	MARK	10.0.154.4	0.0.0.0/0	386
dst_peer_279_user_283	FORWARD	MARK	0.0.0.0/0	10.0.154.5	388
src_peer_279_user_283	FORWARD	MARK	10.0.154.5	0.0.0.0/0	388
dst_peer_449_user_454	FORWARD	MARK	0.0.0.0/0	10.0.154.6	559
src_peer_449_user_454	FORWARD	MARK	10.0.154.6	0.0.0.0/0	559
dst_peer_451_user_456	FORWARD	MARK	0.0.0.0/0	10.0.154.7	561
src_peer_451_user_456	FORWARD	MARK	10.0.154.7	0.0.0.0/0	561
dst_peer_239_user_243	FORWARD	MARK	0.0.0.0/0	10.0.16.2	348
src_peer_239_user_243	FORWARD	MARK	10.0.16.2	0.0.0.0/0	348
dst_peer_300_user_304	FORWARD	MARK	0.0.0.0/0	10.0.16.3	409
src_peer_300_user_304	FORWARD	MARK	10.0.16.3	0.0.0.0/0	409
dst_peer_308_user_312	FORWARD	MARK	0.0.0.0/0	10.0.16.4	417
src_peer_308_user_312	FORWARD	MARK	10.0.16.4	0.0.0.0/0	417

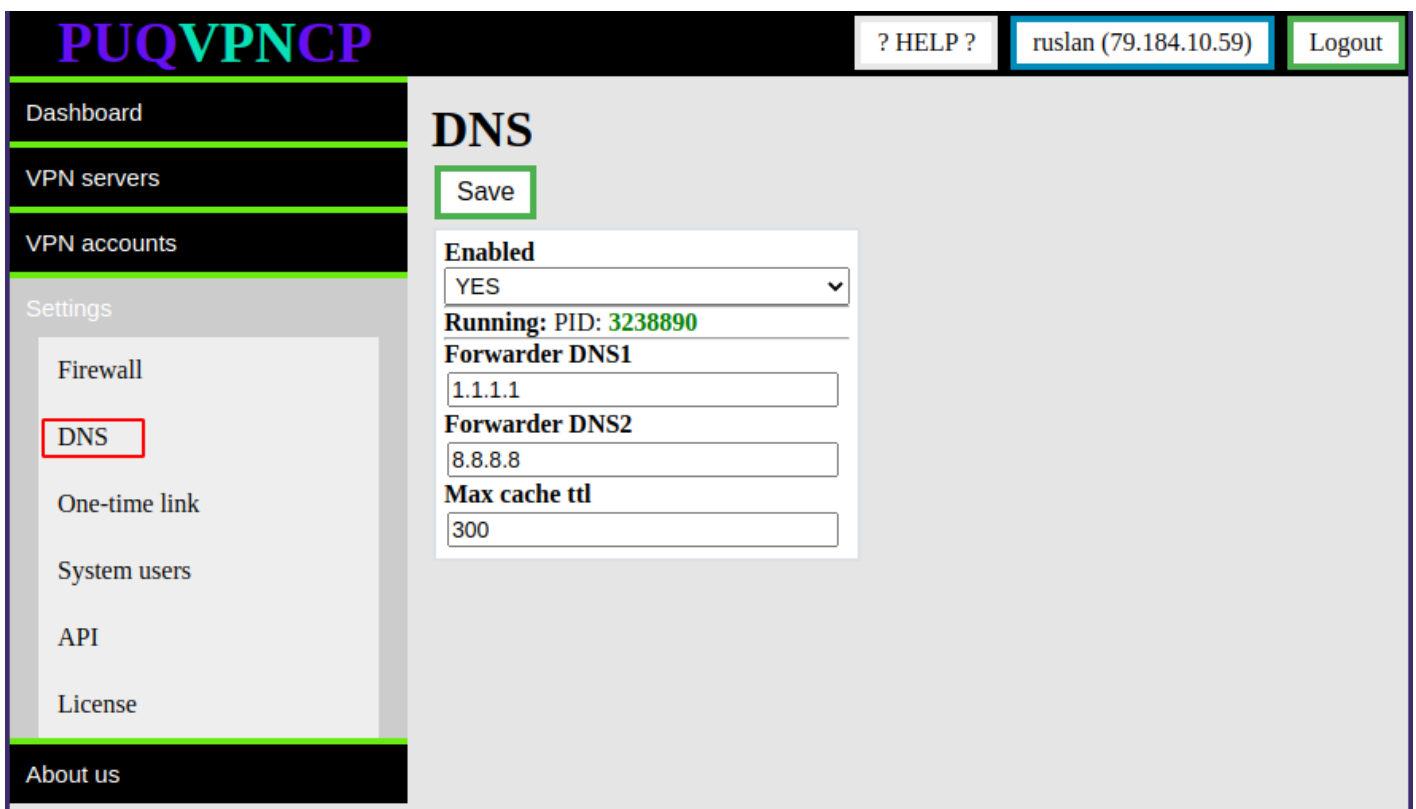
# DNS settings

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This step is required for the solution to work properly.

Once DNS is properly installed, you need to enable it.

DNS configuration is available in the menu item **Settings->DNS**



The screenshot shows the PUQVPNCP web interface. The top navigation bar includes the logo 'PUQVPNCP', a '? HELP ?' button, a user profile 'ruslan (79.184.10.59)', and a 'Logout' button. The left sidebar contains a menu with 'Dashboard', 'VPN servers', 'VPN accounts', 'Settings', and 'About us'. The 'Settings' section is expanded, showing 'Firewall', 'DNS' (highlighted with a red box), 'One-time link', 'System users', 'API', and 'License'. The main content area is titled 'DNS' and features a 'Save' button. Below the button, there are several configuration fields: 'Enabled' (a dropdown menu set to 'YES'), 'Running: PID: 3238890', 'Forwarder DNS1' (text input '1.1.1.1'), 'Forwarder DNS2' (text input '8.8.8.8'), and 'Max cache ttl' (text input '300').

The DNS server is configured as a caching DNS server for VPN clients.

Attention. The use of the DNS server is possible only by the clients of the system. The system automatically configures the DNS server so that only those subnets that are configured in the system have access.



# License

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License configuration is available in the menu item **Settings->License**

