

# Table of Contents

7 Services ..... 3



# 7 Services

- [Blocklist/Allowlist](#)
- [PCAP entry](#)
- [Mini Firewall](#)
- [L2 BRAS](#)
- [L3 BRAS](#)
- [CG NAT](#)
- [Protection against DOS and DDOS attacks](#)
- [Caching](#)
- [Subscriber notification](#)
- [Ad blocking and replacing](#)
- [Reward Program](#)

To go to the section, open the "Manage services" menu and click "Services".



## Block lists/Allow lists

This section appeared in version 2.1.5.

The section looks like the picture below.



## Block list/Allow list profiles

Here you can create block list/allow list service profiles, as well as edit and delete them. The form for creating/editing a blocklist/allow list service profile is shown in the figure below.



The form allows you to enter the following parameters:

- Profile name
- Select profile type (Block list/Allow list)
- URL to redirect

You can only manage Block list/Allow list service profiles for one selected equipment.

## Subscribers of Block/Allow Lists

It is described in detail in the section [Subscribers and Services](#)

## Block list/Allow list Resources

Here you can add resources to the selected Block list/Allow list profile. As well as edit and delete resources added to the profile.

The resource editing form in the Block/Allow Lists profile is shown in the figure below.



The form allows you to enter the following parameters:

- Resource type (SNI, URL, IP, CN)
- Resource
- Status (Enabled / Disabled)

## Import resources by category from QoE

The form for importing resources by category from QoE is shown in the figure below.



## PCAP entry

In developing.

## Mini Firewall

This section appeared in version 2.x.x.

The appearance of the section is shown in the image below.



## Mini Firewall Profiles

Here you can create profiles for the Mini Firewall service, as well as edit and delete them. The form for creating/editing a Mini Firewall service profile is shown in the figure below.



The form allows you to enter the following parameters:

- Profile name
- Block ports up to (**max\_port**) - Port number below which access is blocked
- Exclude ports (**port\_holes**) - List of ports that are allowed to access bypassing the **max\_port** restriction

- Deny outgoing ports (**out\_port**) - list of ports to which outgoing traffic is closed

You can only manage block list/allow list service profiles for one selected equipment.

### **Connecting / disconnecting a profile to subscribers**

It is described in detail in the section [Subscribers and services](#)

## **L2 BRAS**

In developing.

## **L3 BRAS**

In developing.

## **CG NAT**

This section appeared in version 2.4.0.

The appearance of the section is shown in the image below.



### **CG NAT profiles**

Here you can create profiles for the CG NAT service, as well as edit and delete them. The form for creating/editing a CG NAT service profile is shown in the figure below.



The form allows you to enter the following parameters:

- Profile name
- Select profile type (CGNAT / 1:1)
- Nat IP pool (CIDR)
- Number of TCP and UDP sessions (if profile type is CGNAT)

You can only manage block list/allow list service profiles for one selected equipment.

### **General profile status**

This tab displays the general status of the profile:

- Protocol used
- Thread number
- Max IP
- Total number of addresses
- Used number of addresses (for profile type 1:1)
- Total number of ports (for CGNAT profile type)
- Number of ports used (for CGNAT profile type)



#### **Detailed profile status**

This tab displays detailed status by profile:

- Protocol used
- Thread number
- Max IP
- White IP address from the pool
- Total number of ports
- Number of ports used



#### **Detailed profile status**

This tab displays detailed status by profile:

- Protocol used
- Thread number
- Max IP
- White IP address from the pool
- Total number of ports
- Number of ports used



#### **Profile subscriber status**

This tab displays detailed status by profile:

- Gray IP address of the subscriber
- White IP address of the subscriber
- Number of subscriber TCP sessions
- Number of UDP sessions of the subscriber



### **Connecting / disconnecting a profile to subscribers**

It is described in detail in the section [Subscribers and services](#)

### **Protection against DOS and DDOS attacks**

In developing.

### **Caching**

In developing.

### **Notifying subscribers**

In developing.

### **Blocking and replacing ads**

In developing.

### **Bonus program**

In developing.