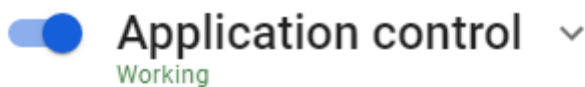


Blocking Popular Resources

Blocking Remote Access Programs

TeamViewer

TeamViewer can be blocked using the **Application control** module. To do this, select the protocol of the same name in the rule for users or groups.



Configure rule

Title

Applies to

Protocols

Action

- ☒ Deny
- ☐ Allow


Description

Blocking Anonymizers

You can block anonymizers in **Traffic rules** in three ways:

1. Anonymizers working over HTTP(S) can be blocked using the **Content Filter** module (**Anonymizers** category).

Content filter

 Extended base of categories

Database update about 21 hours ago

Status Updates are not required

Rules

Custom categories



Settings

Configure rule


Title

Block Anonymizers

Applies to

 All 

Sites categories

Anonymizer 

To search for a category, enter its name

Action



Deny



Allow



Decrypt

Traffic from HTTPS sites can be decrypted. To block decrypted traffic, create a new rule.

Save

Cancel

2. To block VPN anonymizers using the PPTP protocol, as a rule, it is enough to block the GRE protocol in the **Firewall** rules.

Firewall Working

☒ Automatic local SNAT

☐ Operation counter

FORWARD

DNAT (port forwarding)

INPUT

SNAT

Protocol

GRE

Source

* Any x Select source IP-addresses

Incoming interface

Any

Destination

* Any x Select destination IP-addr...

Outgoing interface

Any

Time of action

* Any x Select time period

Action

☐ Allow

☒ Deny


Comment

Save

Cancel

- To prohibit circumvention of the content filter, we recommend creating a rule prohibiting direct requests to IP addresses in the **Content Filter**.

Content filter

 Extended base of categories

Database update about 21 hours ago

Status Updates are not required

Rules

Custom categories

Settings

Configure rule

Title

Block direct IP requests

Applies to



All

Sites categories

Direct request by IP address

To search for a category, enter its name

Action



Deny



Allow



Decrypt

Traffic from HTTPS sites can be decrypted. To block decrypted traffic, create a new rule.

Save

Cancel

Blocking Opera Turbo, Opera VPN, friGate, Anonymox, Browsec

You can block data and some other plugins (anonymizers) and browser functions that are often used to bypass content filtering using the **Intrusion Prevention** module. To do this, in the tab **Rules** activate the **Anonymizers** rules group and a separate group of **Opera VPN** rules to block the service of the same name.

Attempts to bypass content filtering using this software will be recorded in the intrusion prevention system log, after which they will be blocked. An example of the output of information displayed in

the intrusion prevention system log is presented below:

- 07/20/2017-15:06:04.056815 [Drop] [**] [1:1001697:1] Opera VPN [**] [Classification: Opera VPN] [Priority: 2] {TCP} 10.80.1.74:64784 -> 169.254.254.254:443
- 07/20/2017-15:09:20.531169 [Drop] [**] [1:1001675:0] Anonymox HTTP [**] [Classification: Anonymizers] [Priority: 2] {TCP} 10.80.20.95:35576 -> 207.244.89.90:88

Blocking TOR



Tor is a proxy server system that allows you to establish an anonymous network connection to bypass content filtering.

Tor is a specially developed software and proxy server environment designed to bypass various kinds of blocks, which is why it is currently not possible to completely block it.

To counter the use of the Tor network, as well as to log attempts to connect to it and use it, you need to do the following:

1. Enable the **Intrusion Prevention** system and activate the **Blocking attacks** category in it, which allows you to block connections to the input nodes of the Tor network.

2. Enable **Application Control** and add a Tor application prohibiting rules to a specific group or all users:

 **Application control** 




Working

Configure rule



Title

Block TOR

Applies to

 All  

Protocols

Tor  

Action

☒ Deny

☐ Allow

Description

Save

Cancel

Blocking Torrents

BitTorrent is a P2P protocol designed for file sharing over the Internet.

To significantly limit the possibility of using torrents, you need to perform the following settings:

1. Prohibit BitTorrent protocol using a rule in the **Application Control** module.

Application control ▼

Working

Configure rule

Title

Block Torrents

Applies to

👤 All

×

▼

Protocols

Bittorrent

×

▼

Action

☒ Deny

☐ Allow

Description

Save

Cancel

2. Use the policy **Prohibit all except what is allowed** when configuring the firewall. Allow the necessary TCP and UDP ports to users by making the last rule prohibiting.

3. Prohibit torrent file directory sites using the **Content Filter** module by prohibiting the Torrent Trackers category. And prohibit downloading files with the extension .torrent.



Content filter



Extended base of categories

Database update _____ about 22 hours ago

Status _____ Updates are not required

Rules

Custom categories

Settings

Configure rule

Title

Block Torrents

Applies to

All

Sites categories

Torrent files

Torrent Repository

To search for a category, enter its name

Action



Deny



Allow



Decrypt

Traffic from HTTPS sites can be decrypted. To block decrypted traffic, create a new rule.

Save

Cancel

4. Enable the **Intrusion Prevention** system and activate the category **Requests to compromised resources** in it, which allows you to block the activity of P2P programs.

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