

Access from External Network without NAT

Access from LAN to External Network without NAT

If necessary (as a rule, when SafeUTM is located inside a LAN, and not on the border with the Internet), it is possible to organize direct access to some resources of networks external to SafeUTM without using NAT.

For example, let's analyze the firewall configuration for non-NAT access to IP address: **10.0.0.1** (in general, it can also be a network or a range of IP addresses).

1. Turn off the parameter **Automatic local SNAT** in **Traffic Rules -> Firewall**.
2. In the firewall, in the SNAT table, create a rule with the action **Don't use SNAT** for this destination IP address.

Protocol

Any

Source

* Any

Select source IP-addresses

Destination

IP 10.0.0.1

Select destination IP-...

Outgoing interface

Any

Time of action

* Any

Select time period

Action

☐ SNAT

☒ Don't use SNAT

Comment

Save

Cancel

3. With the next rule, create SNAT rules for your local network (so that other hosts work via NAT).

Protocol Any ▼

Source IP My local networks × Select source... ▼

Destination * Any × Select destination IP-addr... ▼

Outgoing interface Any ▼

Time of action * Any × Select time period ▼

Action

- ☒ SNAT
- ☐ Don't use SNAT

Change source IP-address

Only if there are several IP addresses on the network interface and SNAT from a specific IP address is required

Comment

Save

Cancel

The final firewall rules look like this:

FORWARD DNAT (port forwarding) INPUT SNAT

Translation of local addresses to external addresses

+ Add

Display object names ▼

Columns

Filters

Density

Protocol	Source	Destination	Destination p...	Action	Operation cou...	Comment
* Any	* Any	IP 10.0.0.1	* Any	Don't use S...		
* Any	IP My loca...	* Any	* Any	SNAT		

On LAN devices, SafeUTM must be used as the main gateway, or the necessary route to external IP addresses through SafeUTM must be prescribed. Also, LAN devices must be

authorized on UTM. On devices from an external network (in relation to SafeUTM), SafeUTM must also be used as the main gateway, or there must be a route to the local network via SafeUTM.

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