

Configuring Proxy with Single Interface

If necessary, you can use SafeUTM as a proxy server with direct connections of clients to the proxy, with a single interface.


To do this, you need to perform the following settings:


1. When creating a local interface in **Services -> Network interfaces**, **Gateway** needs to be specified:

Network Interfaces

Configure local Ethernet interface

Title

Network card Intel Corporation 82540EM Gigabit Ethernet Controller 

MAC address 08:00:27:fb:fb:a9 

VLAN

Number from 1 to 4094

☐ Automatic configuration via DHCP

IP-address/mask

[Add IP-address with mask](#)

Gateway

This field is optional. Designed to configure UTM as a proxy server.

DNS-1 (optional)

DNS-2 (optional)

[Save](#) [Cancel](#)

2. Allow direct connections to the proxy server on the tab **Services -> Proxy** by selecting the desired port from the list:

General

ICAP

Exceptions

☐ Enable traffic caching to disk

It is not recommended to enable it. It may cause unnecessary load on the disk subsystem.

☒ Allow direct connections to the proxy

Port

8080

Close

3128

1080

8000

8080

8081

8888

8088

10080

When using SafeUTM as a proxy server with direct connections to the proxy, most of the functions will work normally, but with some peculiarities:

- In the firewall rules for users, it is necessary to specify INPUT paths instead of FORWARD.
- In-depth traffic analysis by the intrusion prevention system and the application control module will be carried out only for traffic passing through the proxy server (part of the rules will not work).
- Exceptions from the proxy server must be made by means of the browser or routes on the end devices. Settings on tab **Services -> Proxy -> Exceptions** apply only to the transparent mode of operation of the proxy server.

Revision #3

Created 27 August 2022 13:08:57 by Val Redman

Updated 13 October 2022 15:24:30 by Val Redman