

Содержание

DPI Configuration	3
<i>Export Configuration</i>	3
Configuration in DPIUI2	3

DPI Configuration

Export Configuration



The DPI platform version must be at least 8.1!

IPFIX export is configured in the `fastdpi.conf` file on the DPI.

```
netflow=8
netflow_dev=em1
netflow_timeout=10
netflow_full_collector_type=2
netflow_full_port_swap=0
netflow_full_collector=YOUR_Q0EST0R_IP:1500
ipfix_dev=em1
ipfix_tcp_collectors=YOUR_Q0EST0R_IP:1501
```



A fastDPI restart is required for the changes to take effect.

The `netflow` parameter is a bitmask and can have multiple values. See more in section [Configuring service](#).

Configuration in DPIUI2



The DPIUI2 version must be at least 2.1.0!

1. Go to the SSG control → Configuration section.



VAS Experts

Search X

☰ SSG control ^

Performance

Configuration

Protocol prioritization

Priority for ASN

Logs

Subscribers and services

Services

Tariff plans

Adv control

HotSpot

2. Navigate to the tab "Collection and analysis of statistics on protocols and directions" and apply the following settings:

1. Set the neflow parameter to "Export full session statistics"
2. Set the netflow_full_collector_type parameter to "Export ipfix to tcp header"

The export format for the complete netflow (netflow_full_collector_type)
Export ipfix to tcp header

3. Enter the socket of the fullflow receiver in the netflow_full_collector parameter

IP address of the netflow collector with full statistics (netflow_full_collector)
10.16.20.116:1500

4. Leave the netflow_full_port_swap parameter empty or set it to "Preserve original port numbers".

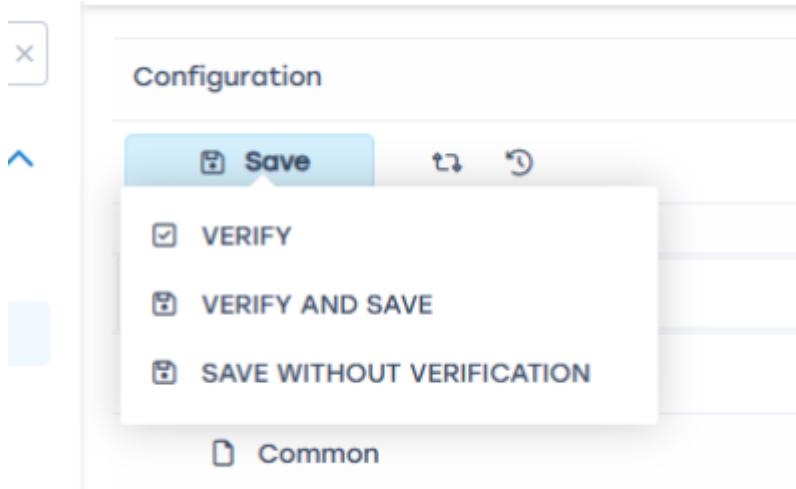
Send information about protocols in the port number (netflow_full_port_swap)

3. Navigate to the "PCAP Recording, IPFIX Export (Clickstream and metadata: SIP, FTP)" tab

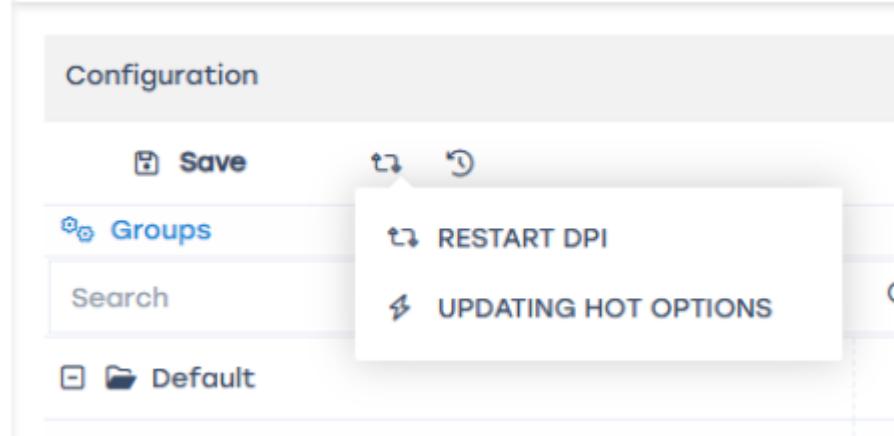
1. Enter the clickstream receiver socket in the ipfix_tcp_collectors parameter.

IP or the domain name (: port) of the ipfix collector clickstream (ipfix_tcp_collectors)
10.16.20.116:1501

4. Save the configuration



5. Restart the DPI



Assigning a DPI Number

1. Go to the Administrator → Equipment.
2. For each device, enter the Id on IPFIX collector.

The screenshot shows the VAS Experts web interface. On the left, there is a sidebar with a search bar and several menu items under 'Administrator': 'Equipment' (selected), 'SSH keys', 'Users', 'Roles', 'Users actions log', 'GUI configuration', 'GUI logs', 'GUI update', 'QoE Stor configuration', and 'QoE Stor logs'. The main content area is titled 'Hardware settings' and contains the following fields:

Name *	Hardware type
	FastDPI server
Host *	Port *
	22
Login *	Auth type
	By password
Password *	
Sudo user	
<input checked="" type="checkbox"/>	
Synchronization settings	
Enable logs sync	Enable CGNAT sync
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Enable subscribers sync	Enable subscribers auth status sync
<input checked="" type="checkbox"/>	<input type="checkbox"/>
IPFIX settings	
Id on IPFIX collector	
0	

At the bottom right are 'Cancel' and 'Save' buttons.

Configuring DPIUI2 Connection to QoE Stor

To view QoE reports, you need to configure the connection between DPIUI2 and QoE Stor.
See more in the section [Connecting to QoE Stor Configuration](#)