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# DPI configuration

## Export setting

Platform DPI version not lower than 8.1.

The ipfix export can be configured by directly editing the fastdpi.conf file on DPI.

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

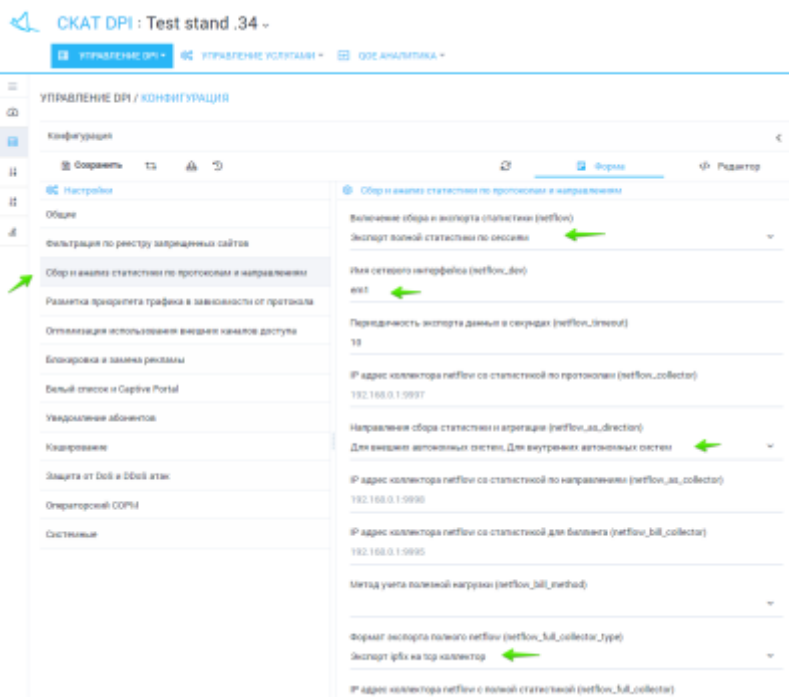
**You will need to restart fastdpi for the changes to take effect.**

**Note that the netflow parameter is a bit mask. Allows several different values. For more details see here [Configuring IPFIX export](#)**

Also you can do customization using DPIUI2 - [dpiui2](#) . Dpiui2 version must be at least 2.1.0.

To configure using DPIUI2, go to DPI Control → Configuration. Open the Collect and analyze statistics by protocols and directions tab.

Set the netflow parameter to Export full session statistics. See fig. below.



Enter the receiver's fullflow socket in the netflow\_full\_collector parameter. The

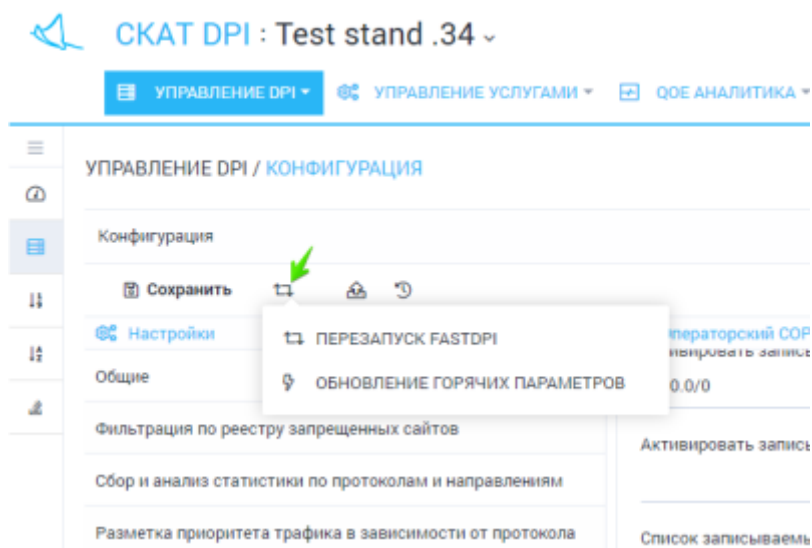
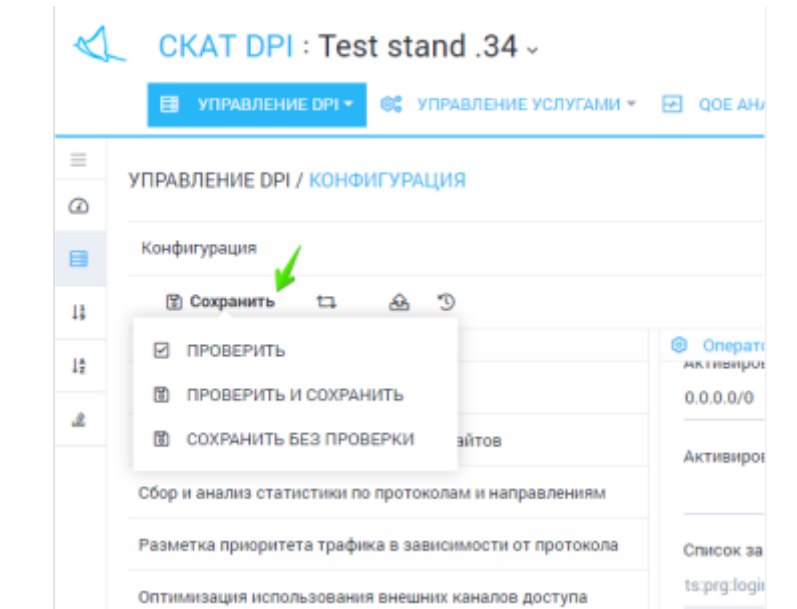
netflow\_full\_collector\_type parameter must be set to "Export ipfix to udp collector" and leave the netflow\_full\_port\_swap parameter empty or equal to "Keep original port numbers". See fig. below.



Enter the receiver's clickstream socket in the ipfix\_udp\_collectors parameter. See fig. below.



Click Save. Restart fast\_dpi. See fig. below.



### Assigning a DPI number

Open the Hardware Management → Hardware section. For each device, enter an Id on the ipfix collector. See fig. below.



УПРАВЛЕНИЕ ОБОРУДОВАНИЕМ / ОБОРУДОВАНИЕ

Оборудование

| Название       | Ip           |
|----------------|--------------|
| Test stand .34 | 192.168.1.10 |
| Test stand .34 | 192.168.1.11 |

Настройки оборудования

Название \*  
Test stand .34

Ip \*      Порт \*  
192.168.1.10      22

Логин \*      Пароль \*  
admin      \*\*\*\*\*

Sudo пользователь

Настройки ipfix

Идентификатор на ipfix коллекторе  
0

Сохранить

### Configuring DPIUI2 connection to QoE Stor

To view QoE reports, you need to configure DPIUI2 connection to QoE Stor. See section [Configuring connection to QoE Stor](#)