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# 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_QOESTOR_IP:1500
ipfix_dev=em1
ipfix_tcp_collectors=YOUR_QOESTOR_IP:1501
```



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

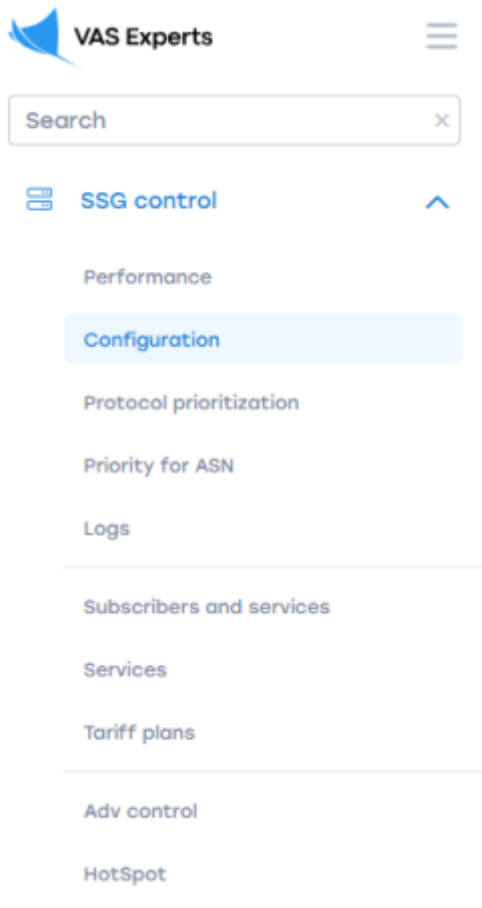
The `netflow` parameter is a bitmask and can have multiple values. See more in section [Configuring service](#).

## Configuration in DPIUI2



The DPIUI2 version must be at least 2.1.0!

1. Go to the SSG control → Configuration section.



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

1. Set the netflow parameter to "Export full session statistics"

Включение сбора и экспорта статистики (netflow)  
 Экспорт полной статистики по сессиям

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".

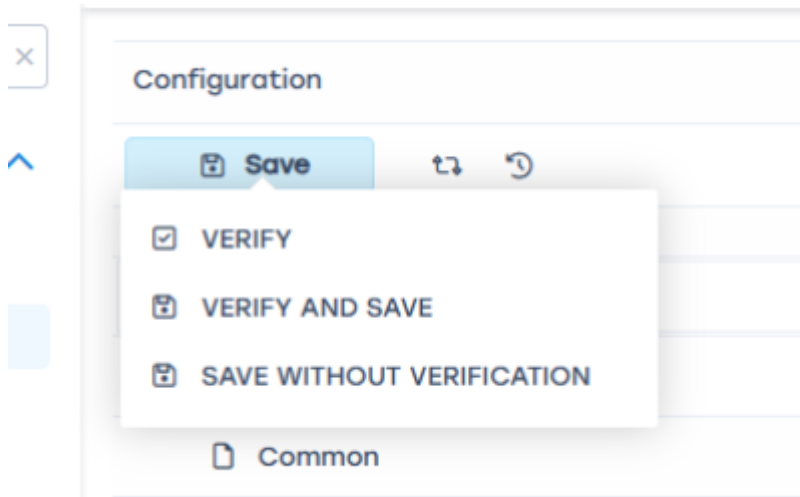
Send information about protocols in the port number (netflow\_full\_port\_swap)

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

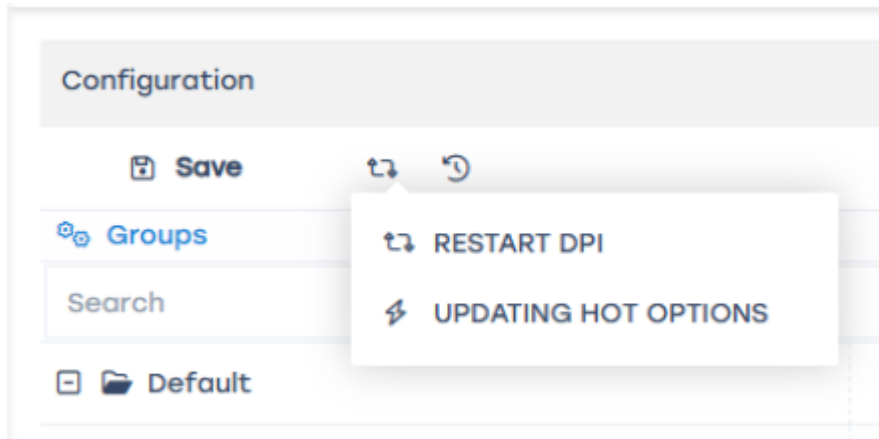
1. Enter the clickstream receiver socket in the ipfix\_tcp\_collectors parameter.

IP or the domain name (: port) of the ipfix collector clickstream (ipfix\_tcp\_collectors)  
 10.16.20.116:1501

4. Save the configuration

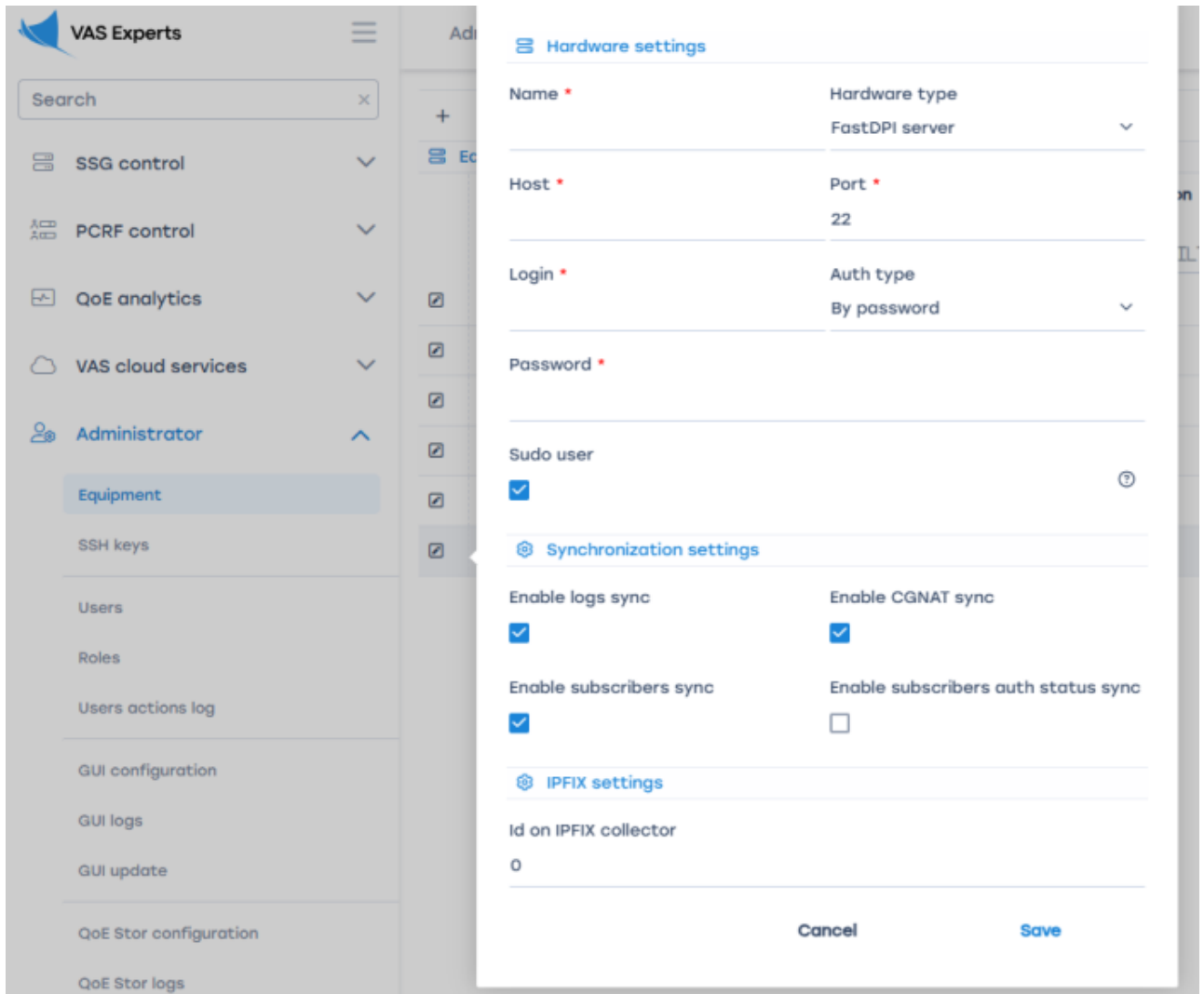


5. Restart the DPI



### Assigning a DPI Number

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



## 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](#)