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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=Y0UR_Q0ESTOR_IP:1500
ipfix_dev=em1
ipfix_tcp_collectors=Y0UR_Q0ESTOR_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



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The DPIUI2 version must be at least 2.1.0!

1. Go to the SSG control \rightarrow Configuration section.

	VAS Experts	≡
Search		×
	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:
 - 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)

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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

Configuration		
🔁 Save	5 9	
⁰ ⊚ Groups	ta RESTART DPI	
Search		
🖃 🗁 Default		

Assigning a DPI Number

- 1. Go to the Administrator \rightarrow 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