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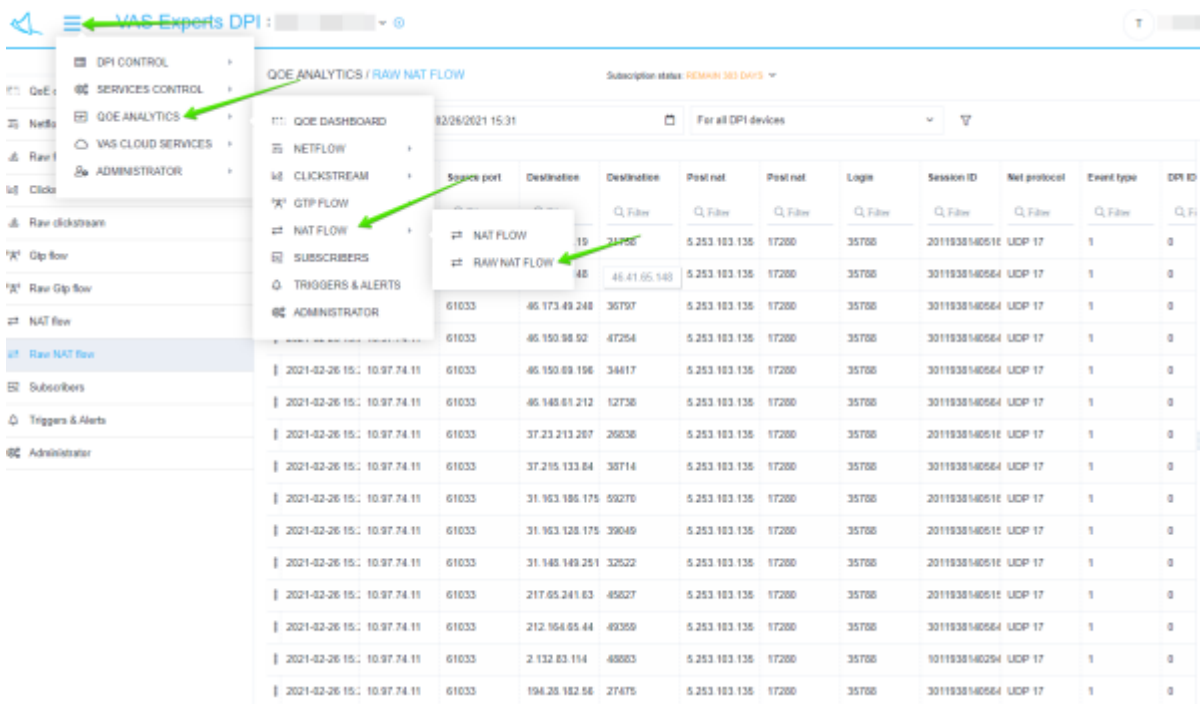
QoE NAT Flow

NAT Log is exported from [Stingray Service Gateway](#) and accumulates in [QoEStor database](#). These statistics are used to generate reports on user behavior in the event of a request from government agencies.

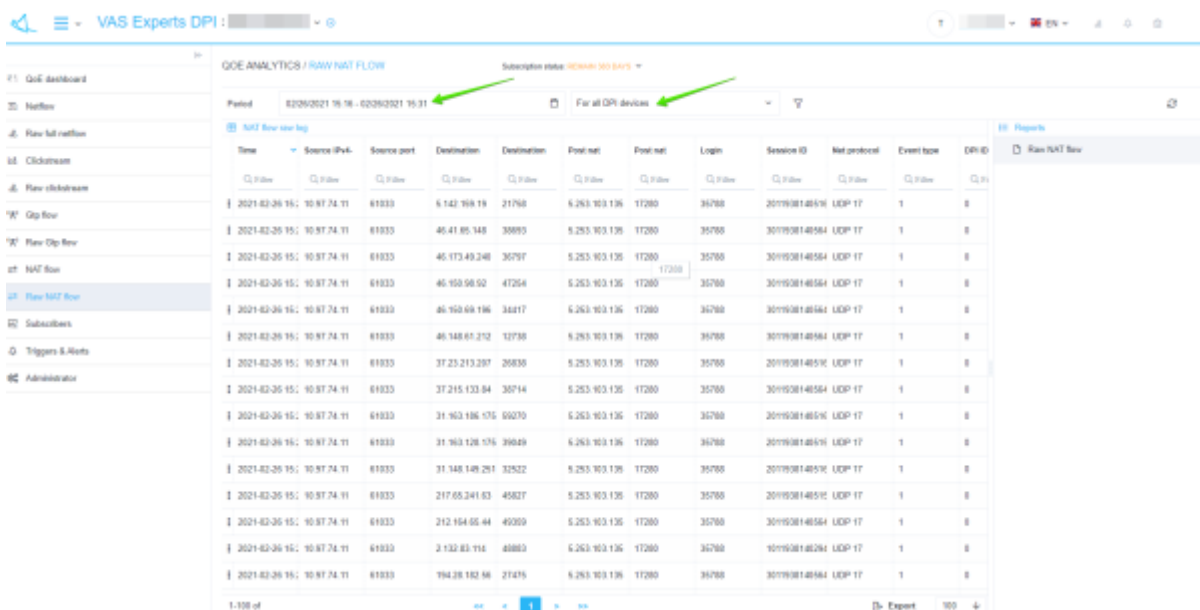
[More about configuring NAT statistics collection in QoE stor](#)

Viewing raw NAT log

Go to: Main Menu → QoE Analytics → NAT Flow → Raw NAT Flow



In the opened window you can select: period, DPI devices and manually set additional filters



Viewing Aggregated NAT Log

Go to: Main menu → QoE analytics → NAT Flow → NAT Flow

The screenshot shows the VAS Experts DPI interface. The left sidebar contains a navigation menu with items like 'QOE ANALYTICS', 'GTP FLOW', 'SUBSCRIBERS', and 'ADMINISTRATOR'. The main area displays the 'QOE ANALYTICS / NAT FLOW' view for the period '02/26/2021 15:41' and 'For all DPI devices'. A table lists NAT flow events with columns for Source port, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. Green arrows highlight the 'QOE ANALYTICS' menu item, the 'NAT FLOW' menu item, and a row in the table.

Source port	Destination	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
22	24536	5.253.102.119	0	39768	0	0	0	0
T 136	41043	5.253.102.119	0	39768	0	0	0	0
0	101.136.255.23	3342	5.253.102.119	0	39768	0	0	0
0	191.909.64.176	22243	5.253.102.119	0	39768	0	0	0
0	191.0.54.81	41414	5.253.102.119	0	39768	0	0	0
0	191.0.32.96	2293	5.253.102.119	0	39768	0	0	0
0	190.89.210.152	39225	5.253.102.119	0	39768	0	0	0
0	190.1.44.50	18257	5.253.102.119	0	39768	0	0	0
0	1.64.194.189	6881	5.253.102.119	0	39768	0	0	0
0	1.64.132.153	20001	5.253.102.119	0	39768	0	0	0
0	1.62.213.252	49912	5.253.102.119	0	39768	0	0	0
0	1.4.199.52	18024	5.253.102.119	0	39768	0	0	0

In the opened window you can select: period, DPI devices and manually set additional filters. In the right sidebar, you can choose to generate reports by Tops: Top Subscribers, Top IP-addresses of hosts, Top IP-addresses NAT

The screenshot shows the VAS Experts DPI interface with the 'QOE ANALYTICS / NAT FLOW' view. The top header displays 'VAS Experts DPI' and 'QOE ANALYTICS / NAT FLOW'. The main area shows a table of NAT flow aggregated logs for the period '02/26/2021 15:55 - 02/26/2021 16:14'. The table has columns for Time, Source IP, Source port, Destination, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. Green arrows point to the 'Period' filter, the 'For all DPI devices' filter, and the 'Reports' sidebar. The right sidebar contains a 'Reports' section with options like 'NAT flow aggregated log', 'Top subscribers', 'Top hosts IP's', and 'Top post NAT IP's'.

Time	Source IP	Source port	Destination	Destination	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 16:11:18.97	167.3	0	85.19.16.12	36873	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.63.70.45	64604	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.249.192.48	10899	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.208.29.221	13176	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.195.252.93	6881	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.191.04.197	43389	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.174.204.48	3061s	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.174.201.283	47885	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.174.208.116	43793	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.174.193.42	42960	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.173.132.24	35457	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.17.248.14	80	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.15.64.2	60868	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.148.93.63	50672	5.253.102.183	0	33080	0	0	0	0
2021-02-26 16:11:18.97	167.3	0	85.148.6.137	49640	5.253.102.183	0	33080	0	0	0	0