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QoE NAT Flow

NAT Log экспортируется со **СКАТ** и накапливается в **БД QoEStor**. Данная статистика используется для формирования отчетов о поведении пользователей в случае запроса из государственных органов.

[Подробнее о конфигурации сбора статистики NAT в QoE stor \(Сервера статистики\)](#)

Просмотр сырого NAT лога

Перейти: Главное меню → QoE аналитика → NAT Флоу → Сырой NAT Флоу

The screenshot shows the 'QOE ANALYTICS / RAW NAT FLOW' page. The left sidebar contains a menu with options like 'QOE dashboard', 'NETFLOW', 'CLICKSTREAM', 'GTP FLOW', 'NAT FLOW', 'SUBSCRIBERS', 'TRIGGERS & ALERTS', and 'ADMINISTRATOR'. The 'NAT FLOW' menu item is highlighted, and a sub-menu is open showing 'NAT FLOW' and 'RAW NAT FLOW'. The 'RAW NAT FLOW' option is selected. The main area displays a table of NAT flow records. The table has columns: 'Time', 'Source port', 'Destination', 'Destination', 'Post nat', 'Post nat', 'Login', 'Session ID', 'Net protocol', 'Event type', and 'DPI ID'. The data rows show various IP addresses and ports, with some rows having a '1' in the 'Event type' column.

В открывшемся окне можно выбрать: период, устройства DPI и задать ручную доп. фильтры

This screenshot shows the same 'QOE ANALYTICS / RAW NAT FLOW' page, but with additional filters applied. The 'Period' filter is set to '8/26/2021 15:16 - 8/26/2021 15:31'. The 'For all DPI devices' filter is also selected. The table of NAT flow records is displayed, showing various IP addresses and ports. The 'Event type' column shows '1' for some records. The bottom of the page shows '1-108 of' and an 'Export' button.

Просмотр Агрегированного NAT лога

Перейти: Главное меню → QoE аналитика → NAT Флоу → NAT Флоу

The screenshot shows the VAS Experts DPI interface. On the left, a sidebar menu lists various sections: QoE dashboard, Netflow, Raw netflow, Clickstream, Raw clickstream, Gtp flow, Raw Gtp flow, NAT flow (highlighted), Raw NAT flow, Subscribers, Triggers & Alerts, and Administrator. The main area displays the 'QOE ANALYTICS / NAT FLOW' section. A dropdown menu is open, showing options: QOE DASHBOARD, NETFLOW, CLICKSTREAM, GTP FLOW, NAT FLOW (selected), SUBSCRIBERS, TRIGGERS & ALERTS, and ADMINISTRATOR. Below the menu, a table lists NAT flow entries with columns: Source port, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. The table shows several entries for the period 2021-02-26 15:00 to 2021-02-26 15:15, all with a destination of 191.136.256.23 and a post-nat address of 5.253.102.119.

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
7136	41843	5.253.102.119	0	39768	0	0	0	0
0	191.136.256.23	3342	5.253.102.119	0	39768	0	0	0
0	191.909.64.178	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	1.64.194.199	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

В открывшемся окне можно выбрать: период, устройства DPI и задать ручную доп. фильтры. В правом сайдбаре можно выбрать построение отчетов по Топам: Топ абонентов, Топ IP-адресов хостов, Топ IP-адресов NAT

The screenshot shows the VAS Experts DPI interface with the 'QOE ANALYTICS / NAT FLOW' section. The main area displays the 'NAT flow aggregated log' table. The table has columns: Time, Source IP, Source port, Destination, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. The table shows several entries for the period 2021-02-26 15:00 to 2021-02-26 15:15, all with a destination of 191.136.256.23 and a post-nat address of 5.253.102.119. The right sidebar contains a 'Reports' section with options: NAT flow aggregated log (selected), Top subscribers, Top hosts IPs, and Top post NAT IPs. The bottom of the interface shows a pagination bar with '1-100 of' and an 'Export' button.

Time	Source IP	Source port	Destination	Destination	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:11:18.97.167.3	0	85.176.16.12	36873	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.63.70.45	64604	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.249.192.48	15899	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.208.29.221	13116	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.195.252.93	6881	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.191.04.197	43389	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.174.204.48	30816	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.174.201.283	47885	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.174.208.116	43793	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.174.193.42	42960	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.173.132.24	35957	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.17.248.14	80	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.15.66.2	60868	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.148.93.63	50672	5.253.102.183	0	33080	0	0	0	0	0
2021-02-26 15:11:18.97.167.3	0	85.148.6.137	49646	5.253.102.183	0	33080	0	0	0	0	0