

Table of Contents

QoE NAT Flow	3
<i>Просмотр сырого NAT лога</i>	3
<i>Просмотр Агрегированного NAT лога</i>	4

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 \(Сервере статистики\)](#)

Просмотр сырого NAT лога

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

The screenshot shows the 'QOE ANALYTICS / RAW NAT FLOW' page. On the left, a sidebar menu has 'RAW NAT FLOW' selected. A dropdown menu is open, showing options like 'GTP FLOW', 'NAT FLOW', 'SUBSCRIBERS', 'TRIGGERS & ALERTS', and 'ADMINISTRATOR'. 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 shows various network flows with timestamps and IP addresses.

Time	Source port	Destination	Destination	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:10:37.74.11	61033	5.142.169.19	21760	5.253.103.136	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.41.85.148	30800	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.173.49.240	36797	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.150.98.92	47254	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.150.69.196	34617	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.148.61.212	12738	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	37.23.213.207	26836	5.253.103.136	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	37.215.133.84	30714	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.163.186.175	59270	5.253.103.136	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.163.128.176	39049	5.253.103.136	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.148.148.251	32522	5.253.103.136	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	217.65.241.83	45827	5.253.103.136	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	212.164.65.44	49359	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	2.132.83.114	48803	5.253.103.136	17200	35700	3011938140254	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	194.28.182.58	27475	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0

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

The screenshot shows the 'QOE ANALYTICS / RAW NAT FLOW' page with filters applied. The 'Period' is set to '2021-02-26 15:10 - 2021-02-26 15:31' and 'For all DPI devices' is selected. The table displays NAT flow records with columns: Time, Source IP, Source port, Destination, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. The data shows various network flows with timestamps and IP addresses.

Time	Source IP	Source port	Destination	Destination	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:10:37.74.11	61033	5.142.169.19	21760	5.253.103.136	17200	35700	3011938140516	UDP 17	1	0	
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2021-02-26 15:10:37.74.11	61033	194.28.182.58	27475	5.253.103.136	17200	35700	3011938140564	UDP 17	1	0	

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, Raw NAT flow, Subscribers, Triggers & Alerts, and Administrator. The 'QoE ANALYTICS' section is expanded, showing a sub-menu with 'QoE DASHBOARD', 'NETFLOW', 'CLICKSTREAM', 'GTP FLOW', 'NAT FLOW', 'SUBSCRIBERS', 'TRIGGERS & ALERTS', and 'ADMINISTRATOR'. The 'NAT FLOW' option is selected, leading to a main window titled 'QoE ANALYTICS / NAT FLOW'. This window displays a table of 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, including one with Source port 22 and Destination 24536, and another with Source port 7136 and Destination 41843. The interface also includes a search bar and a filter dropdown.

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 window displays a table titled 'NAT flow aggregated log' with 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, including one with Source IP 85.176.16.12 and Destination 36873, and another with Source IP 85.176.16.12 and Destination 64464. The interface includes a search bar and a filter dropdown. On the right, a sidebar menu lists report options: 'NAT flow aggregated log', 'Top subscribers', 'Top hosts IPs', and 'Top post NAT IPs'. The 'NAT flow aggregated log' option is selected.