

Table of Contents

- QoE NAT Flow 3
 - Просмотр сырого NAT лога* 3
 - Просмотр Агрегированного NAT лога* 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. The left sidebar contains a menu with options like 'QOE dashboard', 'Netflow', 'Raw clickstream', 'Raw NAT flow', 'Subscribers', 'Triggers & Alerts', and 'Administrator'. The main area displays a table of NAT flow records. The table has columns for 'Time', 'Source port', 'Destination', 'Destination', 'Post nat', 'Post nat', 'Login', 'Session ID', 'Net protocol', 'Event type', and 'DPI ID'. The data rows show 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	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.41.85.148	30800	5.253.103.135	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.173.49.240	36797	5.253.103.135	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.150.98.92	47254	5.253.103.135	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	46.148.61.212	12738	5.253.103.135	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	37.23.213.207	26836	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	37.215.133.84	30714	5.253.103.135	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.163.186.175	59270	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.163.128.175	39049	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.148.148.251	32522	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	217.65.241.83	45827	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	212.164.65.44	49359	5.253.103.135	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	2.132.83.114	48803	5.253.103.135	17200	35700	3011938140254	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	194.28.182.58	27475	5.253.103.135	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 '8/26/2021 15:10 - 8/26/2021 15:31'. The 'For all DPI devices' checkbox is checked. The table displays NAT flow records with columns for 'Time', 'Source port', 'Destination', 'Destination', 'Post nat', 'Post nat', 'Login', 'Session ID', 'Net protocol', 'Event type', and 'DPI ID'. The data rows show 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	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
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2021-02-26 15:10:37.74.11	61033	37.215.133.84	30714	5.253.103.135	17200	35700	3011938140564	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.163.186.175	59270	5.253.103.135	17200	35700	3011938140516	UDP 17	1	0
2021-02-26 15:10:37.74.11	61033	31.163.128.175	39049	5.253.103.135	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	5.253.103.135	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 options: DPI CONTROL, SERVICES CONTROL, QOE ANALYTICS, VAS CLOUD SERVICES, ADMINISTRATOR, Clickstream, Raw clickstream, Gtp flow, Raw Gtp flow, NAT flow, Raw NAT flow, Subscribers, Triggers & Alerts, and Administrator. The 'QOE ANALYTICS' menu is expanded, showing sub-items: QOE DASHBOARD, NETFLOW, CLICKSTREAM, GTP FLOW, NAT FLOW, SUBSCRIBERS, TRIGGERS & ALERTS, and ADMINISTRATOR. The 'NAT FLOW' item is selected, leading to a page titled 'QOE ANALYTICS / NAT FLOW'. The page shows a subscription status of 'REMAIN 363 DAYS' and a filter for 'For all DPI devices'. A table displays NAT flow data with columns: Source port, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. The table contains several rows of data, including entries for 2021-02-26 15:18:07.7 and 2021-02-26 15:18:07.7.

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' page. The page displays a table titled 'NAT flow aggregated log' with columns: Time, Source IPV4, Source port, Destination, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. The table contains several rows of data, including entries for 2021-02-26 15:18:07.7 and 2021-02-26 15:18:07.7. On the right side, there is a sidebar with a 'Reports' section. The 'Reports' section contains a list of report types: NAT flow aggregated log, Top subscribers, Top hosts IPs, and Top post NAT IPs. The 'NAT flow aggregated log' report type is selected. The sidebar also includes a 'Filter' section with a dropdown menu for 'For all DPI devices' and a '10 minutes' filter. The bottom of the page shows a pagination bar with '1-100 of' and an 'Export' button.