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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 \(Сервере статистики\)](#)

Просмотр сырого NAT лога

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

The screenshot shows the 'QOE ANALYTICS / RAW NAT FLOW' interface. 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 IP addresses and ports, with some rows highlighted in blue. A green arrow points to the 'RAW NAT FLOW' option in the sidebar menu.

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

The screenshot shows the 'QOE ANALYTICS / RAW NAT FLOW' interface with filters applied. The 'Period' is set to '8/26/2021 15:16 - 8/26/2021 15:31' and 'For all DPI devices'. 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 IP addresses and ports, with some rows highlighted in blue. A green arrow points to the 'Period' filter, and another green arrow points to the 'For all DPI devices' filter.

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 including '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 'QoE DASHBOARD', 'NETFLOW', 'CLICKSTREAM', 'GTP FLOW', 'NAT FLOW', 'SUBSCRIBERS', 'TRIGGERS & ALERTS', and 'ADMINISTRATOR'. The 'NAT FLOW' option is selected, leading to a detailed view of NAT flows. At the top, there are filters for 'Subscription status: REMAIN 363 DAYS', 'For all DPI devices', and a time range of '10 minutes'. The main table displays NAT flow entries with columns: Time, Source IP, Source port, Destination, Destination port, 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 15:10, all with a destination of 5.253.102.119.

Time	Source IP	Source port	Destination	Destination port	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:00:00	191.136.256.23	3342	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	191.109.64.176	22243	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	191.0.54.81	41414	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	191.0.32.96	2293	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	190.89.210.152	39225	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	190.1.44.50	18257	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	1.64.194.199	6881	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	1.64.132.153	20001	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	1.62.213.262	49912	5.253.102.119	0	39768	0	0	0	0	0	0
2021-02-26 15:00:00	1.4.199.52	18024	5.253.102.119	0	39768	0	0	0	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 'NAT flow aggregated log' view. The top section includes filters for 'Period: 02/26/2021 15:55 - 03/26/2021 16:14', 'For all DPI devices', and a time range of '10 minutes'. The main table displays aggregated NAT flow entries with columns: Time, Source IP, Source port, Destination, Destination port, 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 15:55 to 2021-02-26 16:14, all with a destination of 5.253.102.119. On the right sidebar, there are options for 'Reports', 'NAT flow aggregated log', 'Top subscribers', 'Top hosts IP', and 'Top post NAT IP'.

Time	Source IP	Source port	Destination	Destination port	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:55:00	85.19.16.12	36873	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.63.70.45	64604	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.249.192.49	15899	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.298.29.221	13116	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.195.252.93	6881	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.191.04.197	43389	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.174.284.48	30816	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.174.281.283	47885	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.174.288.116	43793	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.174.193.42	42960	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.173.132.24	35957	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.17.248.14	80	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.15.66.2	62868	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.148.93.63	59672	5.253.102.119	0	33080	0	0	0	0	0	0
2021-02-26 15:55:00	85.148.6.137	49646	5.253.102.119	0	33080	0	0	0	0	0	0