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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 NAT Flow 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' interface. On the left, a sidebar menu includes 'QOE ANALYTICS' and 'ADMINISTRATOR'. The main area displays a table of NAT flow records. A green arrow points to the 'NAT FLOW' menu item, and another points to the 'RAW NAT FLOW' sub-item. The table has columns for '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 session IDs.

Source port	Destination	Destination	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
19	21958	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0	
48	46.41.65.148	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0	
61033	46.173.49.248	36797	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	46.150.98.92	47254	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	46.150.99.196	34417	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	46.148.61.212	12738	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	37.23.213.207	26838	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	37.215.133.84	38714	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	31.163.186.175	59270	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	31.163.128.176	39049	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	31.148.148.251	32522	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	217.65.241.83	45827	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	212.164.65.44	49359	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	2.132.83.114	48883	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
61033	194.28.182.58	27475	5.253.103.136	17280	35788	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' interface with filters applied. A green arrow points to the 'Period' filter, which is set to '8/26/2021 15:16 - 8/26/2021 15:31'. Another green arrow points to the 'For all DPI devices' filter. The table displays NAT flow records with columns for 'Time', 'Source IP', '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 session IDs.

Time	Source IP	Source port	Destination	Destination	Post nat	Post nat	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:16	10.97.74.11	61033	5.142.169.19	21768	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	46.41.65.148	38893	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	46.173.49.248	36797	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	46.150.98.92	47254	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	46.150.99.196	34417	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	46.148.61.212	12738	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	37.23.213.207	26838	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	37.215.133.84	38714	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	31.163.186.175	59270	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	31.163.128.176	39049	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	31.148.148.251	32522	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	217.65.241.83	45827	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	212.164.65.44	49359	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	2.132.83.114	48883	5.253.103.136	17280	35788	3011938140564	UDP 17	1	0
2021-02-26 15:16	10.97.74.11	61033	194.28.182.58	27475	5.253.103.136	17280	35788	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 has 'QOE ANALYTICS' selected, with a sub-menu 'NAT FLOW' highlighted. The main area displays 'QOE ANALYTICS / NAT FLOW' with a subscription status of 'REMAIN 363 DAYS'. Below this, there's a table of NAT flows. The table has columns: Source port, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. The first row shows a flow from 191.136.256.23 to 5.253.102.119. The second row shows a flow from 191.109.64.176 to 5.253.102.119. The third row shows a flow from 191.0.54.81 to 5.253.102.119. The fourth row shows a flow from 190.89.210.152 to 5.253.102.119. The fifth row shows a flow from 190.1.44.50 to 5.253.102.119. The sixth row shows a flow from 1.64.194.199 to 5.253.102.119. The seventh row shows a flow from 1.64.132.153 to 5.253.102.119. The eighth row shows a flow from 1.62.213.262 to 5.253.102.119. The ninth row shows a flow from 1.4.199.52 to 5.253.102.119.

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. On the left, a sidebar menu has 'QOE ANALYTICS' selected, with a sub-menu 'NAT FLOW' highlighted. The main area displays 'QOE ANALYTICS / NAT FLOW' with a subscription status of 'REMAIN 363 DAYS'. Below this, there's a table of NAT flows. 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 first row shows a flow from 191.136.256.23 to 5.253.102.119. The second row shows a flow from 191.109.64.176 to 5.253.102.119. The third row shows a flow from 191.0.54.81 to 5.253.102.119. The fourth row shows a flow from 190.89.210.152 to 5.253.102.119. The fifth row shows a flow from 190.1.44.50 to 5.253.102.119. The sixth row shows a flow from 1.64.194.199 to 5.253.102.119. The seventh row shows a flow from 1.64.132.153 to 5.253.102.119. The eighth row shows a flow from 1.62.213.262 to 5.253.102.119. The ninth row shows a flow from 1.4.199.52 to 5.253.102.119.