

Содержание

- 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.

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 navigation menu lists various options, with 'RAW NAT Flow' highlighted. The main area displays a table of NAT flow data. The table has columns for Time, Source IP, Source port, Destination, Destination port, Post net, Post net port, Login, Session ID, Net protocol, Event type, and DPI ID. The data is filtered for the period 02/26/2021 15:16 - 02/26/2021 15:31 and for all DPI devices.

Time	Source IP	Source port	Destination	Destination port	Post net	Post net port	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:16:11	61033	6142 308 19	21768	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 41 85 148	30803	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 173 49 248	36797	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 150 98 92	47254	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 150 69 196	34817	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 148 61 212	12736	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	37 23 213 207	26836	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	37 215 133 84	38714	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	31 163 186 175	59270	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	31 163 126 175	39049	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	31 148 148 291	32522	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	217 65 241 63	45827	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	212 164 65 44	49359	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	2 132 83 114	48863	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	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 вручную доп. фильтры

The screenshot shows the 'QoE ANALYTICS / RAW NAT FLOW' interface with filters applied. The 'Period' is set to 02/26/2021 15:16 - 02/26/2021 15:31, and the 'For all DPI devices' checkbox is checked. The main table displays the same data as the previous screenshot, but with the filters applied. The table has columns for Time, Source IP, Source port, Destination, Destination port, Post net, Post net port, Login, Session ID, Net protocol, Event type, and DPI ID.

Time	Source IP	Source port	Destination	Destination port	Post net	Post net port	Login	Session ID	Net protocol	Event type	DPI ID
2021-02-26 15:16:11	61033	6142 308 19	21768	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 41 85 148	30803	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 173 49 248	36797	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 150 98 92	47254	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 150 69 196	34817	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	46 148 61 212	12736	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
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2021-02-26 15:16:11	61033	31 163 186 175	59270	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	31 163 126 175	39049	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	31 148 148 291	32522	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	217 65 241 63	45827	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	212 164 65 44	49359	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	61033	2 132 83 114	48863	5 253 103 136	17200	35700	3011938140564	UDP 17	1	0	
2021-02-26 15:16:11	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 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.