

Содержание

- QoE NAT Flow 3
 - Viewing raw NAT log* 3
 - Viewing Aggregated NAT Log* 4

QoE NAT Flow

NAT Log is exported from [Stingray Service Gateway](#) and accumulates in [QoEStor database](#). These statistics are used to generate reports on user behavior in the event of a request from government agencies.

[More about configuring NAT statistics collection in QoE stor](#)

Viewing raw NAT log

Go to: Main Menu → QoE Analytics → NAT Flow → Raw NAT Flow

The screenshot shows the 'QOE ANALYTICS / RAW NAT FLOW' interface. The left sidebar contains a menu with options like 'QOE dashboard', 'NETFLOW', 'CLICKSTREAM', 'GTP FLOW', 'NAT FLOW', 'SUBSCRIBERS', 'TRIGGERS & ALERTS', and 'ADMINISTRATOR'. The 'NAT FLOW' option is selected, and a sub-menu is open showing 'NAT FLOW' and 'RAW NAT FLOW'. The 'RAW NAT FLOW' option is selected, and the main area displays a table of NAT flow records. The table has columns for 'Source port', 'Destination', 'Destination', 'Post nat', 'Post nat', 'Login', 'Session ID', 'Net protocol', 'Event type', and 'DPI ID'. The records show various IP addresses and ports, with some entries having a '1' in the 'Event type' column.

In the opened window you can select: period, DPI devices and manually set additional filters

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 'NAT Flow raw log' button is highlighted. The table of NAT flow records is displayed, showing various IP addresses and ports. The 'Event type' column shows '1' for some records. The 'Raw NAT Flow' button is visible in the top right corner.

Viewing Aggregated NAT Log

Go to: Main menu → QoE analytics → NAT Flow → NAT Flow

The screenshot shows the VAS Experts DPI interface. On the left, a sidebar menu lists various options: QoE, 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-options: QOE DASHBOARD, NETFLOW, CLICKSTREAM, GTP FLOW, NAT FLOW, SUBSCRIBERS, TRIGGERS & ALERTS, and ADMINISTRATOR. The 'NAT FLOW' option is selected, opening a window titled 'QOE ANALYTICS / NAT FLOW'. This window displays a table of NAT flow entries with columns: 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 port 22 and Destination 24536, and another with Source port 7136 and Destination 41843. The interface also includes a 'Subscription status' dropdown set to 'REMAIN 363 DAYS' and a 'For all DPI devices' filter.

In the opened window you can select: period, DPI devices and manually set additional filters. In the right sidebar, you can choose to generate reports by Tops: Top Subscribers, Top IP-addresses of hosts, Top IP-addresses NAT

The screenshot shows the VAS Experts DPI interface with the 'QOE ANALYTICS / NAT FLOW' window open. The window displays a table of NAT flow aggregated logs 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 shows several entries, including one with Source IPV4 85.176.16.12 and Destination 36873, and another with Source IPV4 85.176.16.12 and Destination 64464. The interface also includes a 'Period' dropdown set to '6/26/2021 16:55 - 6/26/2021 16:14', a 'For all DPI devices' filter, and a '10 minutes' time range. On the right sidebar, there is a 'Reports' section with options: NAT flow aggregated log, Top subscribers, Top hosts IPs, and Top post NAT IPs. The 'NAT flow aggregated log' option is selected.