

Table of Contents

QoE NAT Flow	3
<i>Viewing raw NAT log</i>	3
<i>Viewing Aggregated NAT Log</i>	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: '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 session IDs, with a 'Subscription status' of 'REMAIN 365 DAYS'.

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 table displays NAT flow records with columns: 'Time', 'Source IP', '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 session IDs, with a 'Subscription status' of 'REMAIN 365 DAYS'. The interface includes a 'Filters' section on the right and a 'Reports' section at the bottom.

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-items: QOE DASHBOARD, NETFLOW, CLICKSTREAM, GTP FLOW, NAT FLOW, SUBSCRIBERS, TRIGGERS & ALERTS, and ADMINISTRATOR. The 'NAT FLOW' item is selected, and a sub-menu is open showing 'NAT FLOW' and 'RAW NAT FLOW'. The 'NAT FLOW' item is selected, and a table of NAT flow entries is displayed. The table has columns: Source port, Destination, Destination, Post nat, Post nat, Login, Session ID, Net protocol, Event type, and DPI ID. The table shows several entries with source ports ranging from 101.136.256.23 to 101.144.50 and destination ports ranging from 22 to 18024. The table is filtered for 'For all DPI devices' and '10 minutes'.

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. On the left, a sidebar menu lists various options: QoE dashboard, Netflow, Raw full netflow, Clickstream, Raw clickstream, Gtp flow, Raw Gtp flow, NAT flow, Raw NAT flow, Subscribers, Triggers & Alerts, and Administrator. The 'NAT flow' item is selected, and a sub-menu is open showing 'NAT flow aggregated log'. The 'NAT flow aggregated log' item is selected, and a table of NAT flow aggregated log entries is displayed. The table has 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 with source IPV4s ranging from 85.176.16.12 to 85.174.204.48 and destination ports ranging from 22 to 18024. The table is filtered for 'For all DPI devices' and '10 minutes'. On the right, a sidebar menu lists various options: Reports, NAT flow aggregated log, Top subscribers, Top hosts IPs, and Top post NAT IPs. The 'NAT flow aggregated log' item is selected.