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Description of QoE metrics

Netflow

| Metric | Description | Values |
|------------------------------|--|--------------------------------------|
| Octet delta | Traffic difference (bytes) at the beginning and end of the specified period | |
| Fragmented packets delta | Difference of IP packets divided into parts/fragments at the beginning and at the end of the specified period | |
| RTT | Round-trip time is the time taken to send the signal plus the time it takes to confirm that the signal has been received. This round-trip time therefore consists of the time it takes to transmit a signal between two points within a single flow. All network activity within a source/destination socket (source IP:port /destination IP:port) is taken as a flow in DPI | |
| Source AS | AS host number | |
| Destination AS | Subscriber's AS number | |
| Post nat source IPv4-address | An IP address converted from private to public by NAT to communicate with external devices and access the Internet | |
| Post nat source port | A port converted by NAT from private to public for communicating with external devices and accessing the Internet | |
| Vchannel/Bridge | Vchannel — vChannel number. Bridge — number of the bridge through which the traffic goes | |
| Service class | Traffic classes cs0 — cs7. For more details see Traffic distribution by class for the tariff plan | 0 — cs0 1 — cs1 ... 7 — cs7 |

| Metric | Description | Values |
|---|-------------------|---|
| Receiver IP-interface index and Sender IP-interface index | Traffic direction | <p>1 — to whom traffic is directed; 2 — where the traffic comes from. Example: The first option is outbound traffic; The second option is inbound traffic.</p>  |

Clickstream



All Clickstream metrics are defined for HTTP traffic only.
Metrics for HTTPS traffic cannot be defined because it is encrypted.

| Metric | Description | Values |
|----------------|--|---|
| Path | The address to which the subscriber went | |
| Referer | The resource from which the request came. Used for redirection: the address from which the user went to the redirection page is memorized | |
| User agent | Allows you to understand from which device the request was made | |
| Method | Server request method | 0 — undefined 1 — GET 2 — POST 3 — PUT 4 — DELETE |
| Result code | The HTTP code that the server returned | 200 — OK 403 — Forbidden |
| Content length | How many bytes of information the server returned in response to the request | |
| Content type | Content-Type in HTTP, used to define the MIME type of a resource | |
| Locked | Bitmask, contains an indication that the resource has been blocked or redirected | 0x3 for HTTP 0x1 for the rest |

| Metric | Description | Values |
|---------------|--------------------|--|
| Host type | | 1 for HTTP 2 — CNAME 3 — SNI 4 — QUIC |