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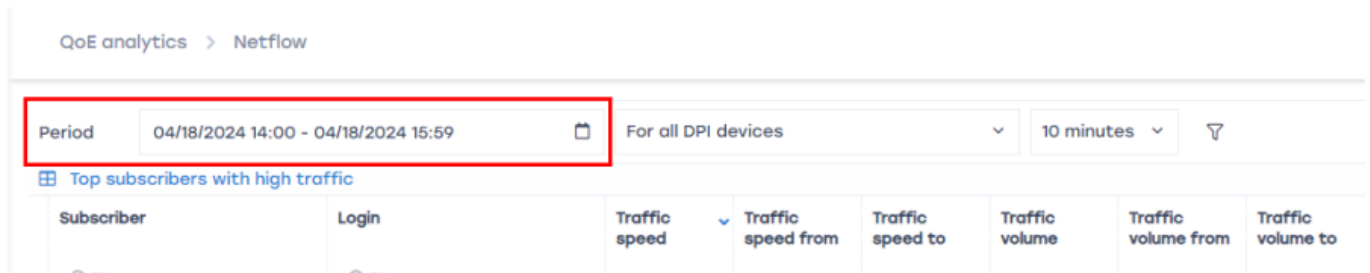


# Description and cases

Filters in reports allow the user to filter data by certain criteria. This is convenient for quick search of necessary information in large volumes of data.

Report filtering takes place in the QoE sections of the analytics: Netflow, Raw full netflow, Clickstream, Raw clickstream.

Before applying filters to reports, you must select data by a specific time interval using the "Period" field:



QoE analytics > Netflow

Period 04/18/2024 14:00 - 04/18/2024 15:59 For all DPI devices 10 minutes

Top subscribers with high traffic

Subscriber	Login	Traffic speed	Traffic speed from	Traffic speed to	Traffic volume	Traffic volume from	Traffic volume to
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There are two options for selecting a period:

1. Custom range — arbitrary Start and End of period, set manually;
2. Quick ranges — ready-made date and time intervals, selectable from the list given.



All filters customized in the scripts below can be saved as profiles for quick application the next time you use the reports. [Detail](#)

## Case 1. Searching for a subscriber in QoE

It is used if you need to track the activity of a specific subscriber, IP pool or subscriber list. Search can be performed by IP or Login, if you can't find the required record by one filter - try another one.



Reports may also contain multi-subscriber - a single login that has been assigned multiple IP addresses or a range of IP addresses and CIDRs. [Detail](#).

1. Select filter. To search by IP - "Subscriber", to search by login - "Login";
2. Customize the filter by one of three options:

Single subscriber	IP:						
	<input checked="" type="checkbox"/> On	Subscriber	like	80.242.102.109			
Subscriber pool	Login:						
	<input checked="" type="checkbox"/> On	Login	like	33547			
Subscriber list	IP:						
	<input checked="" type="checkbox"/> On	Subscriber	in	185.104.6.50			
	<input type="checkbox"/> OFF	Login	like	185.104.6.50 91.243.36.192 5.183.70.55 80.242.110.165 92.118.200.213			
	<input type="checkbox"/> OFF	Host IP	like				
	<input type="checkbox"/> OFF	Protocol	like				
	<input type="checkbox"/> OFF	App protocols g in					
	Login:						
	<input checked="" type="checkbox"/> On	Login	in	43570 35287 37206 42291 4946			
	<input type="checkbox"/> OFF	Host IP	like	43570 35287 37206 42291 49461			
	<input type="checkbox"/> OFF	Protocol	like				
<input type="checkbox"/> OFF	App protocols in						
<input type="checkbox"/> OFF	Application pr	like					

185.104.6.50  
91.243.36.192  
5.183.70.55  
80.242.110.165  
92.118.200.213

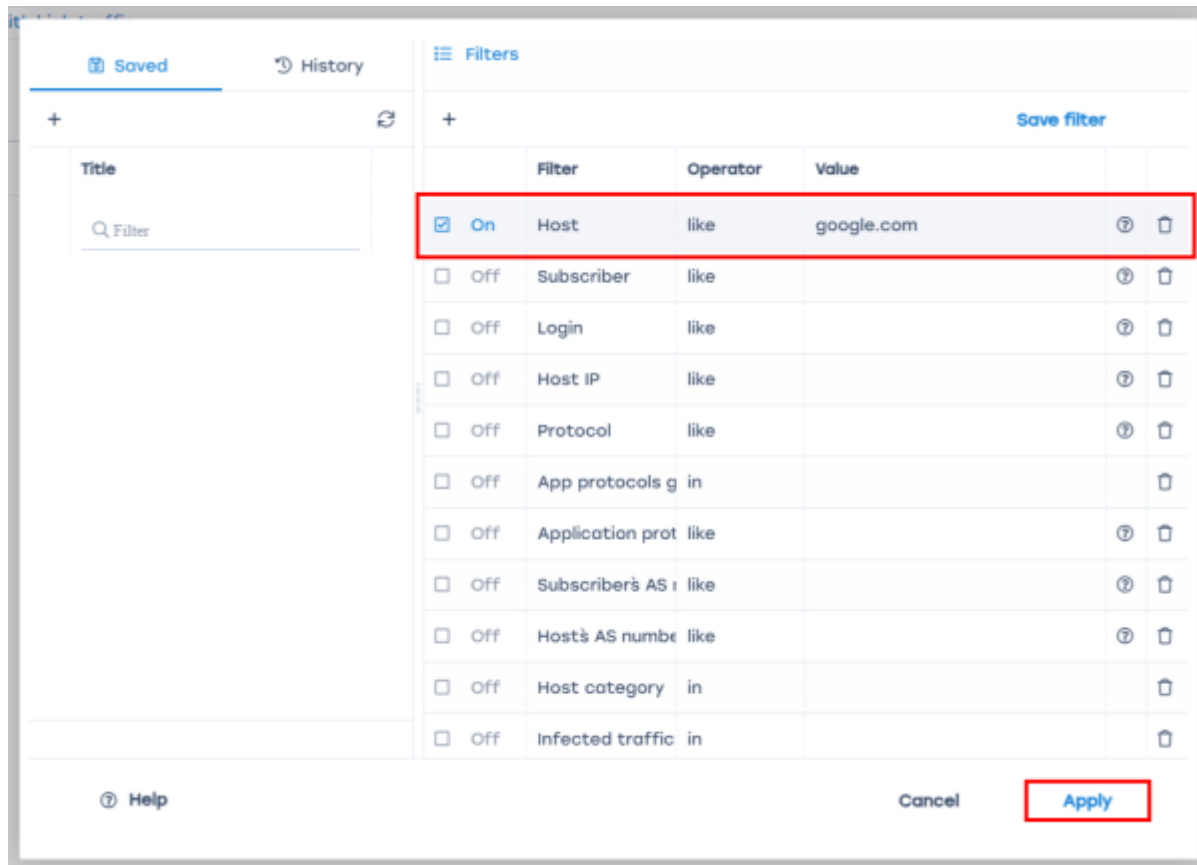
43570  
35287  
37206  
42291  
49461

3. Enable the filter by checking the checkbox to the left of the filter to be configured;
4. Click "Apply".

## Case 2. Filtering by resource

It is used if you need to find subscribers who have visited a specific resource or list of resources.

1. Select the "Host" filter;
2. Select the "=" or "like" operator;
3. Enter the name of the resource;
4. Enable the filter by checking the checkbox to the left of the filter to be configured;
5. Click "Apply".

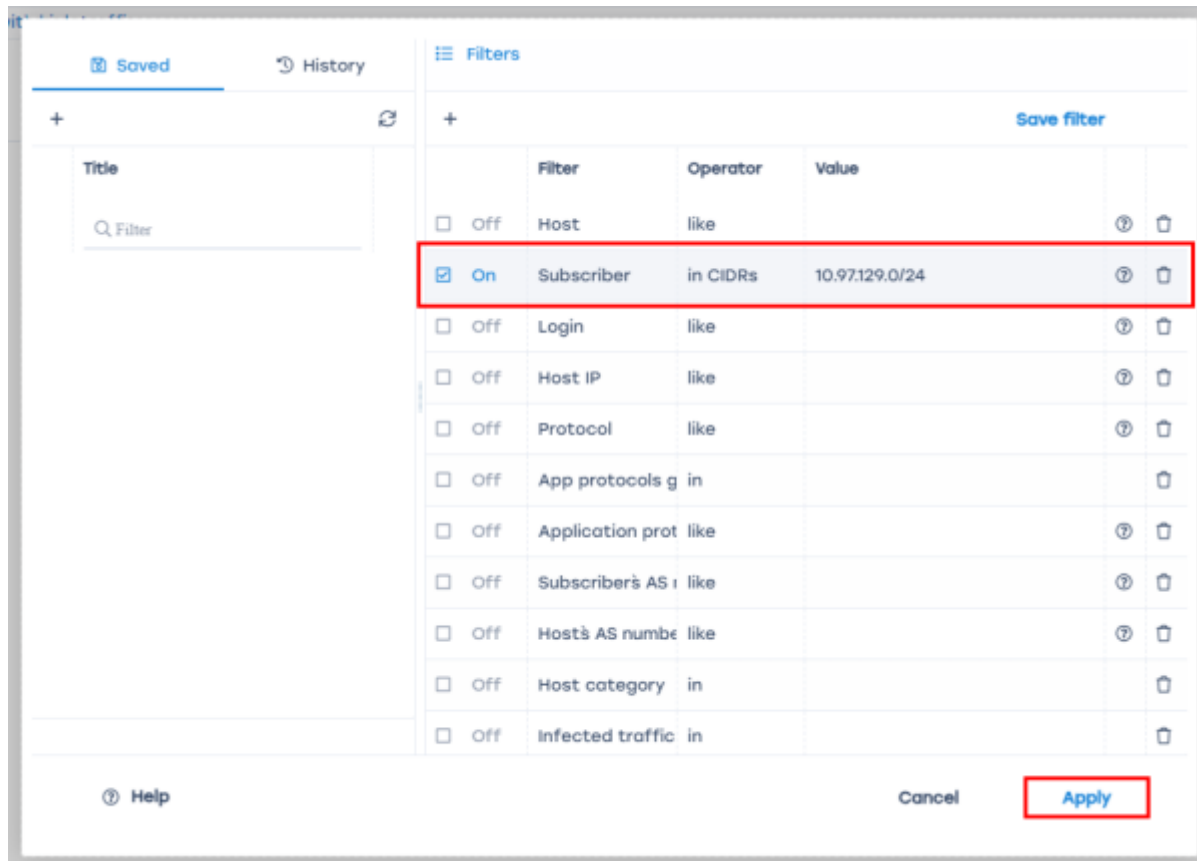


To filter by list of resources, follow the principle from [Case 1. Searching for a subscriber in QoE](#) → Subscriber list.

## Case 3. Filtering by CIDR address

Used if you want to filter data by a specific IP address with a subnet mask.

1. Select the "Subscriber" filter;
2. Select the "in CIDR's" operator;
3. Enter the IP address with subnet mask;
4. Enable the filter by checking the checkbox to the left of the filter to be configured;
5. Click "Apply".



## Case 4. Filtering by Application Protocol

This scenario applies if you need to find subscribers assigned a specific application protocol.

1. Select the filter "Application Protocol";
2. Choose the operator "=" or "like";
3. Enter the protocol name;
4. Enable the filter by checking the box to the left of the customizable filter;
5. Click "Apply".

