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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 an	alytics > Netflow											
Period	04/18/2024 14:00 - 04/18/2024 15:59		Ö	For all DPI devices				~	10 minutes 🗸		7	
🖽 Top su	bscribers with high tra	ffic										
Subscrib	er	Login		Traffic speed	•	Traffic speed from	Traffic speed to		affic lume	Traffic volume	from	Traffic volume to
0.00		0.00										

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.



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:

	IP:						
Single		On	Subscriber	like	80.242.102.109	0	Û
Single subscriber	Login	:					
		On	Login	like	33547 ⑦	ď	Û
Subscriber	IP:						
pool		On	Subscriber	match	80\.242\.100\.	0	Û
	IP:						
		On	Subscriber	in	185.104.6.50	0	Û
			Login	lite	185.104.6.50	1	0
	٥		Host IP	line	91.243.36.192 5.183.70.55	2	0
	0		Protocol	line .	80.242.110.165 92.118.200.213	2	0
			App protocols	g in			0
Subscriber list	Login	:					
		On	Login	in	43570 35287 37206 42291 4946 ③	đ	Û
			Host IP	lite	43570		0
			Protocol	lite	35287 37206		0
			App protocols	in	42291 49461		0
	0		Application pr	line .			0

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".

+ 2			+ Save filter								
Title				Filter	Operator	Value					
Q Filter		ø	On	Host	like	google.com	7	Ċ			
			Off	Subscriber	like		٢	Û			
			Off	Login	like		1	Ċ			
			Off	Host IP	like		1	Ċ			
			Off	Protocol	like		۲	Ċ			
			Off	App protocols g	in			Ċ			
			Off	Application prot	like		7	C			
			Off	Subscribers AS I	like		۲	Ċ			
			Off	Hosts AS numbe	like		Ø	C			
			Off	Host category	in			Ċ			
			Off	Infected traffic	in			Ċ			

To filter by <u>list</u> of resources, follow the principle from Case 1. Searching for a subscriber in $QoE \rightarrow$ 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".

+	e	+	+ Save filter							
Title				Filter	Operator	Value				
Q. Filter			Off	Host	like		۲	t		
		ø	On	Subscriber	in CIDRs	10.97.129.0/24	0	t		
			Off	Login	like		0	t		
			Off	Host IP	like		0	t		
			Off	Protocol	like		0	t		
			Off	App protocols g	in			t		
			Off	Application prot	like		0	t		
			Off	Subscribers AS ı	like		0	t		
			Off	Hosts AS numbe	like		0	t		
			Off	Host category	in			ť		
			Off	Infected traffic	in			t		

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";
- 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".

+	3	+	+ 🗘 📋 Save filter							
Title				Filter	Operator	Value				
Q.FILTER			Off	Host	like		٢		Û	
			Off	Subscriber	like		0		Û	
			Off	Login	like		0		Û	
			Off	Host IP	like		۲		Û	
			Off	Protocol	like		0		Ó	
			Off	App protocols groups	in				Û	
		ø	On	Application protocol	like	http	0	ø	Û	
			Off	Subscribers AS number	like		0		Û	
			Off	Host's AS number	like		0		0	
			Off	Host category	in				Û	
			Off	Infected traffic categor	in				Û	

note

A description of all available filters by section and the operators applied to them can be found on the Filter and operator lists page.