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# **4** Connections

To go to the section, click the LAWFUL INTRCEPTION menu item, then click the CONNECTION menu item.

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Se	arch	ж	Reports					¢	Results								<
	SSG control	~	+ =					ø						E Creat	e subquery	8 18	0
			C Requests						Add	Http	Ptp	Mol	Im	Volp	Pstn	Flows	
100	PCRF control	~	Request	Date	User	Status	Data		Operator	Connection	IP address	Username	Colling	Colled	Connection	Session ID	-
•	QoE analytics	~			~	~				0					~		
	VAS cloud services	~															
-0	Lawful interception	^															
	Connections																
	Traffic generation																
	Troffic copture																
	Traffic decode																
	Troffic decode logs																
	Cloning a website																
	Network audit																
	Health map																
8	Administrator	×															
>_	Hardware SSH terminal	~															
Vers	ion 2.23.5 B					On the page	100	¥							On the page	100	v

## Reports

### Add Request

To add a connection request, click on the "Add Request" button.

Des	cription			
Peri	od			-
Ope	rators			
Мах	number of entries	Max number of records in query	results	
۵	Resources and services	Add subscribers sessions		
	Add subscribers session	Enable search		
	Http	Connection point		
	Ftp	Connection point		
	E-mail	Connection type		
	Im	Connection type		~
	Voip	Subscriber login	Subscriber password	
	Patn	Subscriber login	Subscriber password	
	Terminal sessions	IP address		
	Flows	IP address		
		Protocol code		
		Protocol code		

- **Description**. This field contains the name or description of the request.
- **Period**. This field is filled in by selecting the start and end dates of the period in the calendar.
- **Operators**. This field is filled in by selecting an operator from the drop-down list.
- **Maximum number of entries**. This field is filled in by selecting the number of entries from the drop-down list
- Resources and Services.

#### Aaa session subscribers

٥	Resources and services	🗅 Add subscribers sessio	ns	
	Add subscribers session	Enable search		
	Http	Connection point		
	Ftp	Connection point		
	E-mail	Connection type		
	Im	Connection type		~
	Voip	Subscriber login	Subscriber password	
	Pstn	Subscriber login	Subscriber password	
	Terminal sessions	IP address		
	Flows	IP address		
		Protocol code		
		Protocol code		
		Car	cel Save	

- Enable search. This option allows you to enable the search for subscribers.
- **Connection point**. ID of the data connection point.
- Connection type .
- **Subscriber login**. The subscriber's login is entered in this field.
- **Subscriber's password**. The subscriber's password is entered in this field.
- IP address. The subscriber's password is entered in this field.

- Protocol code. The protocol code is entered in this field.
- Phone card number UPD ping. The phone card number is entered in this field.
- Calling number. The calling number is entered in this field.
- Called number. The called number is entered in this field.
- Код зоны обслуживания (SAC). В данное поле вводится код зоны обслуживания.
- Mobile station ID. Enter the mobile station ID in this field.
- Access Point (APN). An access point is entered in this field.
- **NAS server**. Enter the IP address of the NAS server and the port of the NAS server in this field.
- GPRS/EDGE SGSN IP address. Enter the GPRS/EDGE SGSN IP address in this field.
- GPRS/EDGE GSM IP address. The GPRS/EDGE GGSN IP address is entered in this field.
- **IMEI of the mobile subscriber**. The IMEI of the mobile subscriber is entered in this field.
- Mobile subscriber's IMSI. The IMSI of the mobile subscriber is entered in this field.
- **Modem pool number**. The number of the modem pool is entered in this field.
- **User equipment**. Enter the MAC address, ATM Network Virtual Path Number (VPI) and ATM Network Virtual Channel Number (VCI) in this field.
- **Base station (connection established)**. In this field, enter the base station area code (connection established), the base station code (connection established) and the base station time compensation (connection established).
- **Base station (connection completed)**. In this field, enter the base station area code (connection completed), the base station code (connection completed) and the base station time compensation (connection completed).

#### Http

۵	Resources and services	C Http	
	Add subscribers session	Enable search	
	Http	Connection point	
	Ftp	Connection point	
	E-mail	Uri	
	Im	Url, for example somehost.ru/some/	/*
	Voip	Http method	
	Pstn	Http method	~
	Terminal sessions	Source IP	
	Flows	Source IP	Source port
		Destination IP	
		Destination IP	Destination port
		Cancel	Save

- **Enable search**. This option allows you to enable the search for subscribers.
- **Connection point**. ID of the data connection point.
- Url. Enter the url in this field.
- Http method. The http method is selected from the drop-down list.
- Source IP. In this field, enter the source Ip and the source port.
- **Recipient's IP**. In this field, enter the recipient's Ip and the recipient's port.
- Reason for termination. The reason for connection termination is entered in this field.
- **Subscriber ID**. The subscriber ID is entered in this field.

٥	Resources and services	C Ftp	
	Aaa subscribers sessio	Enable search	
	Http	Connection point	
	Ftp	Connection point	
	E-mail	Ftp-login	Ftp-possword
	lm	Ftp-login	Ftp-password
	Voip	Server name	
	Pstn	Server name	
	Terminal sessions	Source IP	
	Flows	Source IP	Source port
		Destination IP	
		Destinction IP	Destination part
		Cancel	Save

- Enable search. This option allows you to enable the search for subscribers.
- **Connection point**. ID of the data connection point.
- Sender. The sender's e-mail address is entered in this field.
- **Recipient**. The recipient's e-mail address is entered in this field.
- \* **Copy**. In this field, enter the e-mail of the recipient of the copy of the mail message.
- **Subject**. The subject of the message is entered in this field.
- Message. The text of the message is entered in this field.
- Server name. In this field, enter the name of the server through which the email was sent.
- Attachments. You must select the option of having attachments from the drop-down list.
- Source IP. In this field, enter the source IP and the source port.
- Recipient IP. The recipient's IP address and the recipient's port are entered in this field.
- Reason for completion. The reason for connection termination is entered in this field.
- **Subscriber ID**. The subscriber ID is entered in this field.

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۵	Resources and services	D E-moil
	Add subscribers sessio	Enable search
	Http	Connection point
	Ftp	Connection point
	E-mail	Sender Recipient
	Im	The sender, for example petya@gmail. 🚌 The recipient, for example, vasya@gm
	Voip	Сору
	Pstn	The recipient of a copy of the email message
	Terminal sessions	Subject
	Flows	The message subject
		Message
		The message text
		Cancel Save

• **Enable search**. This option allows you to enable the search for subscribers.

- **Connection point**. ID of the data connection point.
- Sender. The sender's e-mail address is entered in this field.
- Recipient. The recipient's e-mail address is entered in this field.\
- **Copy**. In this field, enter the e-mail of the recipient of the copy of the mail message.
- **Subject**. The subject of the message is entered in this field.
- **Message**. The text of the message is entered in this field.
- Server name. In this field, enter the name of the server through which the email was sent.
- Attachments. You must select th

lm

٥	Resources and services	D Im		
	Aaa subscribers session	Enable search		
	Http	Connection point		
	Ftp	Connection point		
	E-mail	Sender ID		Receiver ID
	Im	petya_nickname	=	vasya_nickname
	Voip	Sender name		Receiver name
	Pstn	petya_nicknome	-	vasya_nickname
	Terminal sessions	Message		
	Flows	The message text		
		Username		
		Username		
		_	Cancel	Save

- Enable search. This option allows you to enable the search for subscribers.
- **Connection point**. ID of the data connection point.
- Sender ID. In this field, the user ID of the sender.
- **Recipient ID**. In this field, the user ID of the recipient.
- Sender's name. The sender's public name is entered in this field.
- Recipient's name. The recipient's public name is entered in this field.
- **Message**. The text of the message is entered in this field.
- **User name**. The user's password is entered in this field.
- **Protocol**. This field is filled in by selecting the protocol from the drop-down list.
- IP source.

Voip

۵	Resources and services	D voip		
	Add subscribers session	Enable search		
	Http	Connection point		
	Ftp	Connection point		
	E-mail	Calling number		Called number
	Im	Calling number	<u>, 1</u>	Called number
	Voip	Calling number after conv.		Called number after conv.
	Pstn	Calling number after conversion	:=	Called number after conversion
	Terminal sessions	Calling number in the E164 network		Called number in the E164 network
	Flows	Calling number in the E164 network	=	Called number in the E164 network
		Duration of conversation		
		Duration of conversation		
		Cancel		Save

- **Enable search**. This option allows you to enable the search for subscribers.
- Connection point. ID of the data connection point.
- Calling number. The calling number is entered in this field.
- The called number. The called number is entered in this field.
- **The calling number after conversion**. The calling number is entered in this field after conversion.
- **The called number after conversion**. The number to be called after conversion is entered in this field.
- **The calling number in the E164 network**. The calling number in the E164 network is entered in this field.
- **The called number in the E164 network**. In this field, enter the called number in the E164 network.
- **Duration of the conversation**. The duration of the conversation in seconds is entered in this field.
- **Connection method**. The connection method is entered in this field.
- Initiator's name. Enter the name of the initiator of the communication in this field.
- **Conference ID**. The conference ID is entered in this field.
- **Incoming beam for GSM Network**. The incoming beam identifier for the GSM network is entered in this field.
- Incoming beam for W/CDMA, UMTS network. Enter the MAC address, ATM Network Virtual Path Number (VPI), and ATM Network Virtual Channel number (VCI) in this field.
- **Outgoing beam for GSM Network**. The outgoing beam identifier for the GSM network is entered in this field.
- **Outgoing beam for W/CDMA, UMTS network**. Enter the MAC address, ATM Network Virtual Path Number (VPI), and ATM Network Virtual Channel number (VCI) in this field.
- Protocol. This field is filled in by selecting the protocol from the drop-down list.
- I P-source. In this field, enter the source IP and the source port.
- Recipient IP. The recipient's IP address and the recipient's port are entered in this field.
- Reason for completion. The reason for connection termination is entered in this field.
- **Subscriber ID**. The subscriber ID is entered in this field.

٥	Resources and services	D Pstn	
	Add subscribers session	Enable search	
	Http	Coller's phone number	Phone number of called
	Ftp	Coller	== Phone number of called
	E-mail	Coller's internal number	Internal number of called
	im	Coller	$_{\overline{a}\overline{a}}$ internal number of called
	Voip	Duration of conversation	
	Pstn	Duration of conversation	
	Terminal sessions	Connection method	
	Flows	Connection method	
		Coller type	Type of called
		Coller type	✓ Type of called ✓
		Cancel	Save

- Enable search. This option allows you to enable the search for subscribers.
- Caller's phone number. The caller's phone number is entered in this field.
- **The phone number of the called**. The phone number of the called person is entered in this field.
- Caller's internal number. The caller's internal number is entered in this field.
- **Internal number of the called**. The internal number of the called person is entered in this field.
- **Duration of the conversation**. The duration of the conversation in seconds is entered in this field.
- **Connection method**. The connection method is entered in this field.
- Caller type. This field is filled in by selecting the type from the drop-down list.
- **Type of the called subscriber**. This field is filled in by selecting the type from the drop-down list.
- Switch code. The switch code is entered in this field.
- Border switch code. The code of the border switch is entered in this field.
- **DVO at connection**. The DVO is entered in this field when connecting.
- Forwarding number. The forwarding number is entered in this field.
- Phone card number. The phone card number is entered in this field.
- **Incoming beam**. The ID of the incoming beam is entered in this field.
- **Outgoing beam**. The ID of the outgoing bundle is entered in this field.
- Reason for completion. The reason for connection termination is entered in this field.

**Terminal sessions** 

۵	Resources and services	Terminal sessions	
	Add subscribers session	Enable search	
	Http	Connection point	
	Ftp	Connection point	
	E-mail	Source IP	
	Im	Source IP	Source port
	Voip	Destination IP	
	Pstn	Destination IP	Destination port
	Terminal sessions	Subscriber ID	
	Flows	Subscriber ID	
		Cancel	Save

- Enable search. This option allows you to enable the search for subscribers.
- **Connection point**. ID of the data connection point.
- Source IP. In this field, enter the source IP and the source port.
- **Recipient IP**. The recipient's IP address and the recipient's port are entered in this field.
- **Subscriber ID**. The subscriber ID is entered in this field.

Flows

٥	Resources and services	C Flows	
	Add subscribers session	Enable search	
	Http	Connection point	
	Ftp	Connection point	
	E-mail	Protocol code	
	Im	Protocol code	
	Voip	Source IP	
	Pstn	Source IP	Source port
	Terminal sessions	Destination IP	
	Flows	Destinction IP	Destination port
		SNI, CN	
		SNI, CN	
		_	

- Enable search. This option allows you to enable the search for subscribers.
- **Connection point**. ID of the data connection point.
- **Protocol code**. In this field, enter the protocol code in accordance with RFC1700, or the port number for TCP/UDP.
- **IP source**. In this field, enter the source IP and the source port.
- **Recipient IP**. The recipient's IP address and the recipient's port are entered in this field.
- **SNI, CN**. Enter SNI, CN.
- **Subscriber ID** in this field. The subscriber ID is entered in this field.

#### Add a subquery

To add a subquery to the connection, the user must click on the "Add subquery" button.



In the window that opens, set the parameters. The data entry procedure is described above.

#### Update

To update the list of requests, click on the "**Update**" button.

+	æ	Ø	l
۵	Requests		

#### Change

To change the request parameters, click on the "**Edit**" button, which is located to the left of each list request.

E E TEST	19.06.2022 18:58	John Smith	Data is not read	0	Û
D TESTI	19.06.2022 18:58	John Smith	Data is not read	0	Û

#### Delete

To delete a request, click on the "**Delete**" button, which is located to the right of each list request.

Ø		19.06.2022 18:58	John Smith	Data is not read 0	Ô
	C TESTI	19.06.2022 18:58	John Smith	Data is not read 0	Ô