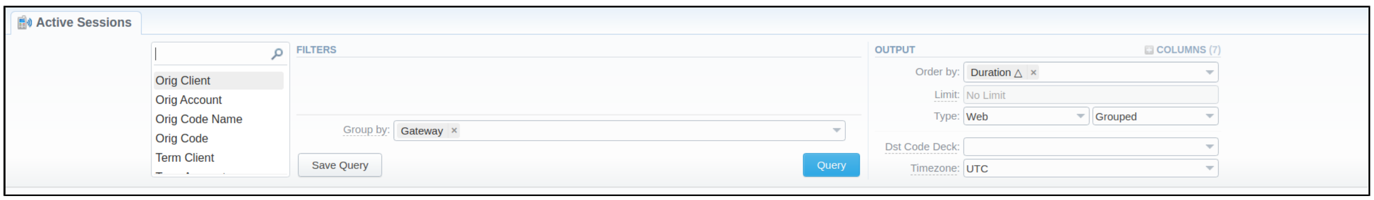
Active Sessions

In this article

Active Sessions Search Form

This section provides an easy and convenient active sessions monitoring tool. Upon access, you can see the full list of active sessions that are currently being processed by your switch.

Screenshot: Active Sessions section



If the data is grouped in the report, it will be shown initially collapsed. To expand or collapse data in your report, click the plus or minus icons.

Attention

Please note, this function requires **RADIUS Accounting Start packets** to be sent from your Gateway and the **Track Active Events** option enabled in the **Gateways** section.

Be advised that the **Track Active Events** option **diminishes system performance**. Please, activate it only if you use capacity control by billing and/or require active sessions status monitoring.

Creating an active sessions report

To create a report, fill in the query form with the parameters specified below, and click the Query button. A screenshot of a generated report is presented above.

<table>
<tr><th>Information Block</th><th colspan="2">Field Description</th></tr>
<tr><td rowspan="5">Filters</td><td colspan="2">On the Filters menu, select the required parameters for the report. To cancel any filter, click on the delete icon next to the filter.

You can start a quick search by typing filters' names in the field at the top of a drop-down menu with filters.</td></tr>
<tr><td>Group by</td><td>Select a grouping option. Here you can choose and swap columns, or change their order. There are the following accessible options to group data in the report:
Orig Client, Orig Account, Orig Code, Orig Code Name.
Term Client, Term Account, Term Code, Term Code Name.
Gateway.</td></tr>
<tr><th colspan="2">Additional Filters</th></tr>
<tr><td colspan="2">There are the following accessible additional filters:
Orig Client, Orig Account, Orig Code, Orig Code Name.
Term Client, Term Account, Term Code, Term Code Name.</td></tr>
<tr><td>Orig Client</td><td>Define an origination client for the report</td></tr>
</table>

	Orig Account	Enter an origination account for the report
	Orig Code	Specify an origination code for the report
	Orig Code Name	Indicate an origination code name
	Term Client	Define a termination client for the report
	Term Account	Enter a termination account for the report
	Term Code	Specify a termination code for the report
	Term Code Name	Indicate a termination code name
Output	This form contains settings of the report output data. Click the plus icon next to ***Columns*** and select the required columns to add them to the Output information block. Also, you can cancel any chosen item.	
	Accessible columns in the report	
	There are the following columns to add in the report: • *Total, Info, Originator, Terminator, Src Number, Dst Number, Duration.*	
	Total	Total quantity of sessions in the database.
	Info	By hovering over the **Info** icon, additional data about sessions will be displayed (see screenshot below): • ***Src and Dst Party ID*** • ***Code and Code Name*** • ***x ID*** • ***Session ID*** • ***Start Time and Gateway*** *Screenshot: Info* 
	Originator	The name of the originator, orig gateway, account IP, Name or ANI.
	Terminator	The name of the terminator, term gateway, account IP, Name or ANI.
	Src Party ID	The source number.
	Dst Party ID	The destination number.
	Duration	Session duration, specified in seconds.

Other output settings	
Order by	Select parameters to sort already grouped data in columns. Here you can sort data from highest to lowest values (or vice versa) and select different values.
Type	Choose a format of the report from a drop-down list: **Web / CSV / Excel XLS / Excel XLSx** Also, select next to the ***Type*** field a look of table view: • **Plain** - a simple table view • **Grouped** - a table view with grouped data and possibility to collapse it **Attention** Please note that the **Grouped** type of a table view is available only for **Excel XLSx** and **Web** formats, it doesn't work with **CSV** and **Excel XLS**.
Limit	Determine the number of rows that will be visible in the report. It is useful for displaying some top positions by a chosen parameter. It is available only for the ***Plain*** type of the report.
Send to	You can send generated reports via email. Also, it is possible to specify several emails. **Attention** This feature is available only for **CSV/Excel XLS/Excel XLSx** formats of the report, it doesn't work with **Web**.
Dst Code Deck	Specify a Code Deck to force Code Names for the displayed data. If not specified, Code Decks of the respective Clients /Rate Tables will be used.
Timezone	Specify a Timezone for data output. If not selected, the user's Timezone will be used.

Query templates

Also, you can create a template for reports and save specified parameters by clicking the ***Save Query*** button in the form. A pop-up window with settings will appear, and you will need to fill in the form. A detailed description of creating a template can be found in the Report Templates article in our **User Guide.**

To load already existing templates while generating statistic reports, click the **Load Query** button and the icon opposite a target template on the list.

Active Sessions buttons: reports, export, chart.

You can export data to a **CSV** or **XLSx** file, which contains only currently displayed data, with no automatic request to update data while exporting. Also, it is possible to create charts for illustrating crucial information easily. And you can generate a report using the same criteria in the **Orig-Term Report** and the **xDRs List** sections.

1. To set a reload interval of the report, click the respective **Reload options** button and select needed values in the **Interval** and **Show Last** fields.

Tip

The ***Show Last*** field defines the period, for which data is generated in a report. For example, if you want to display the data for 1 day, specify it in the ***S how last*** field.

2. To download a report in **.csv**, click on the **Export to CSV** button above the report.

Attention

Please note, this button will be visible only when the **Type** of the output is **Plain**. For the **Grouped** output type it is not available.

3. To download an **.xlsx** report file, click the **Export to XLSx** button above the report.

4. To create a **visual chart**, click the **Show Chart** button above the report. There is more information available on this topic in the article **How to create a statistic chart?** in our Knowledge Base.

Tip

If you want to create a proper **Line chart** for **different clients**, please follow these steps:

- choose the **Orig Client** parameter in the **Group by** field.
- click the **Show Chart** button and open the chart settings.
- select the ***Date*** and ***Time*** parameters on the **X Axis**, and the ***Calls Total*** parameter on the **Y Axis**.
- specify a **line type** of the chart and click on the **Save** button.

Knowledge Base Articles

Error rendering macro 'contentbylabel'

parameters should not be empty