

# Gateways

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## Section overview

This section allows you to configure and integrate all switches into billing via RADIUS, SIP or xDR-files upload.

The section is presented in the form of a table of all created gateways in the system with the following columns (see screenshot):

Screenshot: Gateways section

Gateways		Downloads History	
New Gateway		Rows 1 – 5 of 5	
ID	Name	RADIUS Server	Files Collector
22	SMS Gateway 127.0.0.3	JeraSoft Billing Common	—
17	DIAMETER_TEST 127.0.0.2	—	—
14	Data Gateway 127.0.0.4	JeraSoft Billing Common	—
16	Calls Gateway 127.0.0.1	Aloe MVTS I	—
23	Voip 192.168.1.1	Nexge	JeraSoft Billing Common 127.0.0.1(admin). From path: /ect/openvpn/ <a href="#">view history</a>

Column	Description
ID	ID number of a gateway
Name	Name of a gateway
RADIUS Server	Description of current status and collector type of RADIUS Server (if such is applied)
Files Collector	Description of current status and collector type of applied Files Collector (if such is applied)
SIP Server	Description of current status and collector type of applied SIP Server (if such is applied)

The following functional buttons/icons are present in the section:

Button/Icon	Description
	Allows to create a new gateway
	Allows to set up traffic processing rules
	Displays a current status - <b>enabled</b> or <b>disabled</b> - of RADIUS/SIP Server, Files Collector.
	Allows deleting a gateway from the system. Requires confirmation

## Adding a New Gateway

To add a gateway to the list, click the **New Gateway** button and specify parameters in a pop-up window with settings. You can access the advanced settings by clicking on a downward arrow icon next to the name of a respective information block.

Screenshot: Adding new Gateway

Gateways

GENERAL INFORMATION ⓘ

Name:

IP Address:

Allowed for:

Reseller A

×

Sub-Reseller A

×

Reseller B

×

Sub-Reseller B1

×

Sub-Reseller B2

×

Service:

Calls

Tag:

FILES COLLECTOR ⓘ

Collector Type:

JeraSoft Billing Common

▼

day

▼

Data Source:

▼

RADIUS SERVER ⓘ

Collector Type:

JeraSoft Billing Common

▼

day

▼

Secret:

SIP SERVER

Collector Type:

Default RFC


▼


OK

Cancel

Apply

Information Block	Fields and Descriptions	
General Information	General gateway and events processing information	
	Name	Gateway name
	IP Address	Gateway IP address
	Allowed For	Specify here, which resellers can use current gateway
	Service	Select a service (calls, SMSs, data, etc.) for a current gateway
	Tag	Indicate a particular tag to filter events by gateways while creating invoices and using reports.
	Click the downward arrow ⓘ icon next to the <b>General Information</b> information block to access the following advanced settings:	
Files Collector	<ul style="list-style-type: none"><li>• <b>Ident Priority</b> - a hierarchy of account identification. By default, the field value priority is <b>IP, name, ANI</b>.</li><li>• <b>ORIG ANI Ident</b> - select ANI identification of originating events (available options: <b>Src Party ID, Src Party ID Bill, Dst Party ID, Dst Party ID Bill</b>)</li><li>• <b>TERM ANI Ident</b> - select ANI identification of terminating events (available options: <b>Src Party ID, Src Party ID Bill, Dst Party ID, Dst Party ID Bill</b>)</li><li>• <b>Rate ORIG events by Dst In code</b> checkbox - activation/deactivation of originating events billed by DST PARTY ID IN</li><li>• <b>Rate TERM events by Dst Out code</b> checkbox - activation/deactivation of terminating events billed by DST PARTY ID OUT</li></ul>	
	Collector Type	Select a collector type you plan to use from the list

	<ul style="list-style-type: none"><li>• <b>D a t a S o u r c e</b></li></ul>	Specify a data source, where xDR files are stored
	<ul style="list-style-type: none"><li>• <b>F r o m P a t h</b></li></ul>	<p>Specify the xDR-files path (mask paths are allowed). Available only for <b>SSH</b> and <b>FTP</b></p> <div><p><b>⚠ Attention</b></p><p>If there are <b>/var/cdrs</b> folder with the latest CDR files and <b>/var/archive_cdrs/</b> folder with outdated ones, and a user needs to download CDR files from both of them, he can use ; (semicolon) to separate paths or <b>/**/</b> for recursive download. New paths may have the following look: <b>/var/cdrs/**/bill*</b>; <b>/var/archive_cdrs/bill*</b>.</p></div>
	<ul style="list-style-type: none"><li>• <b>S e n d e r M a t c h</b></li></ul>	Indicate the sender name or email. Solely for <b>IMAP</b>
	<ul style="list-style-type: none"><li>• <b>S u b j e c t M a t c h</b></li></ul>	Use a regular expression to search by message titles. Solely for <b>IMAP</b>
	<p>Click the downward arrow  icon next to the <b>Files Collector</b> information block to access advanced settings:</p> <ul style="list-style-type: none"><li>• <b>Overwrite TZ</b> - timezone selection (if you select a different timezone, the system will ignore a timezone stored in an xDRs-file and use <b>current</b> value)</li><li>• <b>Skip Zero Events</b> checkbox - activation/deactivation of zero duration events ignoring</li><li>• <b>Skip Released Events</b> checkbox - activation/deactivation of released events ignoring</li></ul>	
<b>RADIUS Server</b>	Information block regarding <b>RADIUS Server</b> settings. RADIUS Collectors gather packets from RADIUS-server via RADIUS-protocol (activate this option if you plan to use integration via RADIUS-protocol)	
	<ul style="list-style-type: none"><li>• <b>C o l l e c t o r T y p e</b></li></ul>	Select a collector type you plan to use from the list

	<ul style="list-style-type: none"> <li>• <b>S</b> <b>e</b> <b>c</b> <b>r</b> <b>e</b> <b>t</b></li> </ul>	RADIUS-server password
		<p>Click the downward arrow  icon next to the <b>RADIUS Server</b> information block to access advanced settings:</p> <ul style="list-style-type: none"> <li>• <b>Overwrite TZ</b> - timezone selection (if you select a different timezone, the system will ignore timezone information stored in an xDR file and use <b>current</b> value)</li> <li>• <b>Track Active Events</b> checkbox - activation/deactivation of monitoring active events and event packets. This option is required for "Active Sessions" section to work and for RADIUS capacity control. Please note, it could slow down RADIUS for about 10-30%</li> <li>• <b>Skip Zero Events</b> checkbox - activation/deactivation of zero duration events ignoring</li> <li>• <b>Skip Released Events</b> checkbox - activation/deactivation of released events ignoring</li> <li>• <b>Collect Accounting Data</b> checkbox - if disabled, information from STOP packets will not be collected by database and <i>Radius Accounting</i> will be used only for <i>Active Sessions monitoring</i>. If enabled, information from STOP packets will be collected by the database. By default, this checkbox <b>is marked</b>.</li> </ul>
<b>SIP Server</b>		Allows acceptance of SIP packets from the current gateway. Required for SIP Redirect routing feature
	<ul style="list-style-type: none"> <li>• <b>C</b> <b>o</b> <b>l</b> <b>e</b> <b>c</b> <b>t</b> <b>o</b> <b>r</b> <b>T</b> <b>y</b> <b>p</b> <b>e</b></li> </ul>	Select a collector type you plan to use from the list
<b>LNP Files Collector</b>		This collector processes downloaded LNP/MNP files and stores them in the database. It's accessible <b>only</b> when you <b>select the LNP /MNP type</b> of gateway.
	<ul style="list-style-type: none"> <li>• <b>C</b> <b>o</b> <b>l</b> <b>e</b> <b>c</b> <b>t</b> <b>o</b> <b>r</b> <b>T</b> <b>y</b> <b>p</b> <b>e</b></li> </ul>	Select a collector type you plan to use from the list

## Files Downloading History

To view files downloading history, where gateway name, filename, download date, and file size will be specified, open the **Downloads History** tab. Also, you can remove files from the list by selecting them and clicking the **Delete** button above the table.

Gateways		Downloads History			
Delete		Rows 1 – 11 of 11		20	Page 1 of 1
ID	Name	Filename	Download Date	File size	
11	Gateway	tmpysYWfv	01/25/2018 08:49:09 +0000	360.98 Kb	
10	Gateway	tmpPctDgm	01/25/2018 08:44:13 +0000	360.98 Kb	
9	Gateway	tmp8ukyJl	01/24/2018 15:59:04 +0000	360.98 Kb	
8	Gateway	tmpwEYa0B	01/24/2018 15:58:45 +0000	360.98 Kb	
7	Gateway	tmpHhIQoq	01/24/2018 15:50:10 +0000	360.98 Kb	
6	Gateway	tmp17fwZq	01/24/2018 15:49:47 +0000	360.98 Kb	
5	Gateway	tmpGtD8Zk	01/24/2018 15:49:35 +0000	360.98 Kb	
4	Gateway	tmpJKKpHb	01/24/2018 15:49:05 +0000	360.98 Kb	
3	Gateway	tmp1khURr	01/24/2018 15:42:45 +0000	360.98 Kb	
2	Gateway	tmpFcBHwW	01/24/2018 15:28:39 +0000	360.98 Kb	
1	Gateway	tmp6B_mqf	01/24/2018 14:33:50 +0000	360.98 Kb	

## Knowledge Base Articles

Error rendering macro 'contentbylabel'

parameters should not be empty