Gateways

In this article

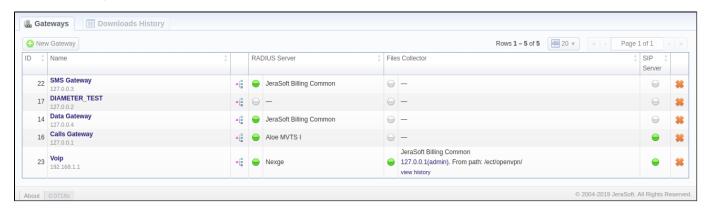
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Section overview

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



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)

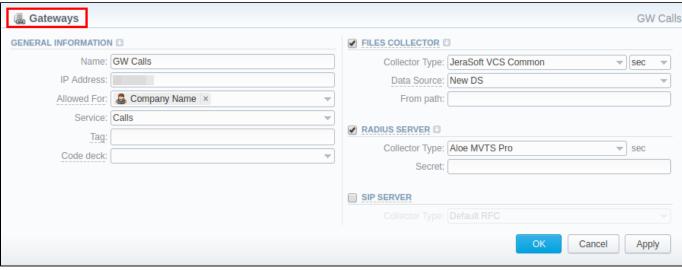
The following functional buttons/icons are present in the section:

Button/Icon	Description
◆ New Gateway	Allows to create a new gateway
•{=	Allows to set up traffic processing rules
⊖,⊝	Displays a current status - enabled or disabled - 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 connect to the name of a respective information block.

Screenshot: Adding new Gateway



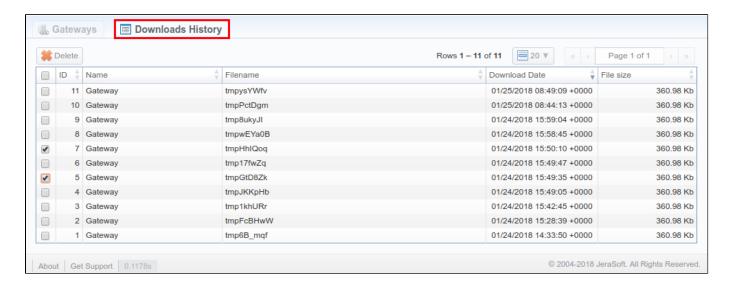
	OK Cancel Apply	
Fields and Descriptions		
General	gateway and events processing information	
Name	Gateway name	
IP Addre ss	Gateway IP address	
Allow ed For	Specify here, which resellers can use current gateway	
Service	Select a service (calls, SMSs, data, etc.) for a current gateway	
Tag	Indicate a particular tag to filter events by gateways while creating invoices and using reports.	
Code Deck	The selected code deck will be used to pick codes and destination names for the Mobile Number Portability feature. By browsing information from the selected code deck, VCS will be able to perform appropriate number translations, which are processed by a current gateway.	
 Click the downward arrow icon next to the General Information information block to access the following advanced settings: Ident Priority - a hierarchy of account identification. By default, the field value priority is IP, name, ANI. ORIG ANI Ident - select ANI identification of originating events (available options: Src number ext, Src number bill, Dst ext, Dst number bill) TERM ANI Ident - select ANI identification of terminating events (available options: Src number ext, Src number bill, Dst ext, D st number bill) Rate ORIG events by Dst In code checkbox - activation/deactivation of originating events billed by DST PARTY ID IN Rate TERM events by Dst Out code checkbox - activation/deactivation of processing of events that have "success" end code. If it's activated, events with error disconnect code won't be billed 		
	ion block regarding the File Collector settings. Files Collector gathers event data from xDR-files (activate this option if you see integration via xDR-files)	
• C o II e c t o r T y pe	Select a collector type you plan to use from the list	
	General Name IP Addre ss Allow ed For Service Tag Code Deck Click the OR Rai Rai Rai Rai Cod Informat plan to u C C C T T T Y	

	• D a t a S o u r ce	Specify a data source, where xDR files are stored
	• F	Specify the xDR-files path (mask paths are allowed). Available only for SSH and FTP
	r o m P a th	Attention If there are /var/cdrs folder with the latest CDR files and /var/archive_cdrs/ folder with outdated ones, and a user needs to download CDR files from both of them, he can use; (semicolon) to separate paths or /**/ for recursive download. New paths may have the following look: /var/cdrs/**/bill*; /var/archive_cdrs/bill*.
	• S e n d e r M a t ch	Indicate the sender name or email. Solely for <i>IMAP</i>
	• S u b je c t M a t ch	Use a regular expression to search by message titles. Solely for <i>IMAP</i>
	• Ov	e downward arrow icon next to the Files Collector information block to access advanced settings: erwrite TZ - timezone selection (if you select a different timezone, the system will ignore a timezone stored in an xDRs-file and ecurrent value) ip Zero Events checkbox - activation/deactivation of zero duration events ignoring ip Released Events checkbox - activation/deactivation of released events ignoring
RADIUS Server	Informat	ion block regarding RADIUS Server settings. RADIUS Collectors gather packets from RADIUS-server via RADIUS-protocol
	C O II e c t o r T y pe	Select a collector type you plan to use from the list

	• S e c r et			
	Click the downward arrow icon next to the RADIUS Server information block to access advanced settings: • Overwrite TZ - timezone selection (if you select a different timezone, the system will ignore timezone information stored in an xDR file and use current value) • Track Active Events 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% • Skip Zero Events checkbox - activation/deactivation of zero duration events ignoring • Skip Released Events checkbox - activation/deactivation of released events ignoring • Collect Accounting Data checkbox - if disabled, information from STOP packets will not be collected by database and Radius Accounting will be used only for Active Sessions monitoring. If enabled, information from STOP packets will be collected by the database. By default, this checkbox is marked.			
SIP Server	Allows acceptance of SIP packets from the current gateway. Required for SIP Redirect routing feature Select a collector type you plan to use from the list C II E C T Y pe			
LNP Files Collector	This collector processes downloaded LNP/MNP files and stores them in the database. It's accessible only when you select the <i>LNP</i> //MNP type of gateway.			
	Select a collector type you plan to use from the list C C C II C C C T T Y P P P O C C C C C C C C C C C C C C C			

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.



Knowledge Base Articles

Error rendering macro 'contentbylabel'

parameters should not be empty