Settings

This section is designed for management of system notification messages distribution, as well as specifying the system time and date format. The section is divided into 13 information blocks listed below:

- System Settings
- Regional Settings
- Mail Server Settings
- Reports and Processing Settings
- Output and Import/Export
- Invoicing Settings
- RADIUS Server
- SIP Server
- Dynamic Routing
- Rates Generator Settings
- Notification and Monitoring
- Autorotation and Cleaning
- Backup Settings

To apply any changes, made in the section, click the

button. The whole **Settings** section is presented in the screenshot below:

Screenshot: Settings section

Settings

SYSTEM SETTINGS

Domain Name:	https://localhost:7443/	The "Domain name" field must always start with "https://" and cannot be empty!
Public IP:	127.0.0.1	The system public IP address used for LNP DIP requests. This field is mandatory if LNP is enabled in the system.
	☐ Collect anonymized data	Allow collection of the **anonymized** system usage statistics. It will allow us to make whole system usage experience better for you. Please note that we collect only usage data, no personal or monetary information will be collected.

REGIONAL SETTINGS

Default Currency:	USD	Default currency is used for routing, profitability margin check and new entities creation
Default Language:	English	Set default locale for the interface if not set in user preferences
Timezone:	UTC	Default system timezone. You can change timezone in statistic reports queries
Date Format:	%m/%d/%Y	Output format for dates, you can check syntax for this field in the User Guide
Date and Time Format:	%m/%d/%Y %H:%M:%S %z	Output format for dates and times, you can check syntax for this field in the User Guide

MAIL SERVER SETTINGS

Host:	localhost	Hostname or IP address of SMTP server
Port:	25 Plain	Port/Security of SMTP server
From:	billbery@localhost	Specify email address to send mail from, it is a system address for the SMTP server, not the one that appears in the "From" field in emails
Login:		Login of SMTP server (if login and password fields are empty, no authentication will be performed)
Password:		Password of SMTP server

REPORTS AND PROCESSING SETTINGS

Statistics processing order:	old calls first	Order of statistics processing when the queue is large
Calculator Workers:	4	Number of threads processing calculator tasks (number of CPU cores / 2).
Calculator Mode:	periodically run	Select calculator processing mode: **periodically run** – runs every X minutes by Task Scheduler; faster processing of xDR bulks, but causes some delay **realtime process** – processes calls in realtime; slower processing in case of xDR bulks; use only if you really need realtime
	☐ Round Monetary Value	Round monetary value in xDRs report and xDRs files. Default without rounding.
	☐ Cross-Gateway Connection	Used for **Orig-Term and Profit Reports**: allows Reports Generator tool to concatenate orig and term legs from different gateways.

OUTPUT AND IMPORT/EXPORT

Items per Page:	20	Default number of items per page in the system interfaces.
CSV Delimiter:	,	Default delimiter used for CSV files when importing/exporting
CSV Decimal Point:	,	What will be used as a decimal separation point for numbers ("," for most cases)
Close Rates marked by:	delete, block, close	When importing a rate table, if some rates have notes that they are closed, the system will close the appropriate destinations after importing them. This field defines what marking words must be taken as ones closing a rate. The system also searches for longer words. For example: close - closed, delete - deleted, etc. Please avoid sentences and use only single words, separated by a comma (block, close).
Hidden Numbers:	0	The number of digits, which must be hidden in a destination number
Output Encoding:	UTF-8	Encoding that will be used during exporting data to a file.
Import Encoding:	UTF-8	Encoding that will be used during importing data from a file.
Default PIN Length:	12	For **Calling Cards** only — default length of PIN code for generated cards

INVOICING SETTINGS

Invoice No Template:	%Y%m/%x	Format for Invoices No, you can use next replacements: %Y - current year, %m - current month, %d - current day, %C - client ID, %N - client name, %x - system incremental integer, %X - reseller incremental integer
Invoice Last No:	100332	Last Invoice No used in the system for invoices generation
Autoinvoicing Default State:	to verify	Default state for all automatically created invoices.
Autoinvoicing Delay:	0 hour(s)	Time in hours that system is going to wait from the end of a previous day before invoicing. Required to be a positive integer. Otherwise, the system will invoice a customer before the moment of full statistics process. Recommended value is around 5-6 hours.
	☐ Check for empty code names in invoices	In case invoice template shows code names, but the "Code Name" field is not presented in a rate table of a client, invoice will not be generated.
	☐ Allow Zero Invoices	Enables creation of zero invoices.

RADIUS SERVER

Bind to Address:	empty - bind to all	Specify your server IP addresses (separated by a comma) to bind to, empty field means bind to all addresses.
Accounting Port:	1813	Listen for accounting packets on a specified port
Authorization Port:	1812	Listen for authorization packets on a specified port, same for dynamic routing if available
Number of Workers:	2	Number of threads that process packets. The value of this parameter also affects the number of SIP workers.
Max Call Length:	7200	Maximum call duration in seconds, for customers in **postpaid** mode.
	Changes will be applied only after you restart RADIUS server from the Task Scheduler section	

SIP SERVER

SIP Port:	5060	Listen for auth packets on a specified port.

DYNAMIC ROUTING

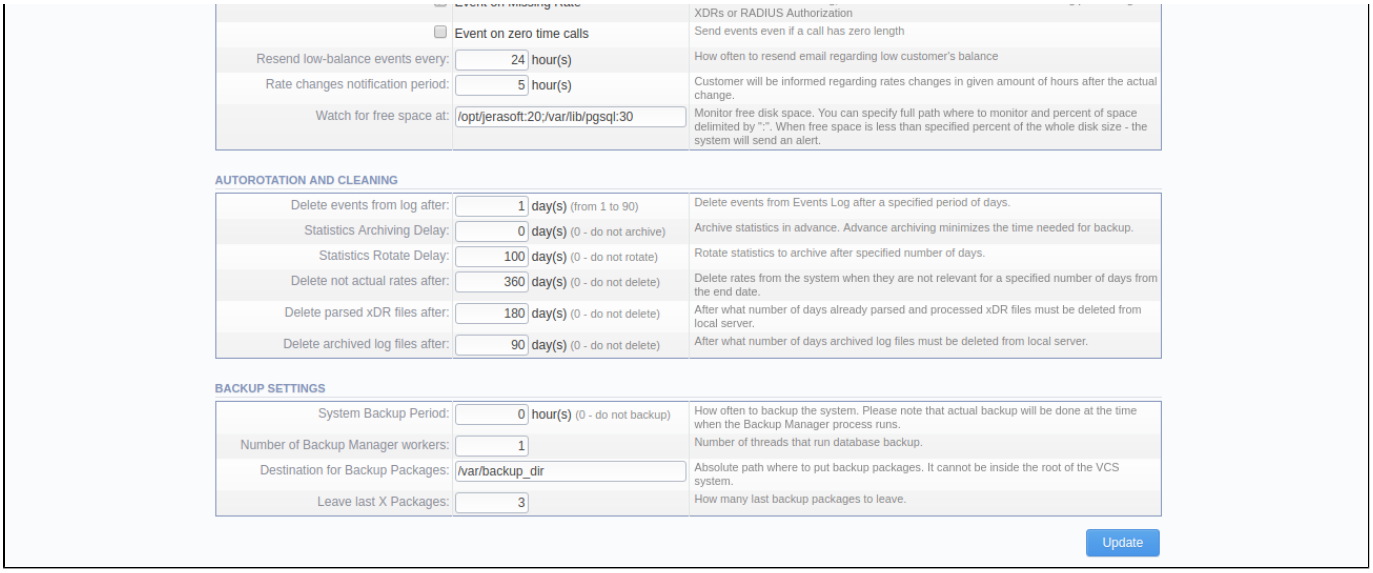
Analyze Period:	300 minute(s)	How many last minutes of statistics will be analyzed to build a routing table.
	☐ Log Empty Routes	Enable to get messages to Events Log about zero routes (degrades performance)

RATES GENERATOR SETTINGS

Number of workers:	4	Number of threads that process rates generation.
Rates Generation Delay:	1 hour(s)	System will start Automatic Rates Generation in given amount of hours after the sources rates changes.

NOTIFICATION AND MONITORING

	☑ Event on Missing Account	Send an event to events log, when client/account was not identified during processing of XDRs or RADIUS Authorization
	☑ Event on Missing Rate	Send an event to events log, when destination/rate was not identified during processing of



Warning

We strongly recommend that you **do not add any symbols** (for example, a slash) after a domain name.