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://172.17.172.17:443	The "Domain name" field must always start with "https://" and cannot be empty!
Public IP:		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

SMTP Credentials:	Default SMTP	Credentials of SMTP server to be used for system notifications (e.g. Events Watcher, Reports Watcher, etc)
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

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
Import Encoding:	UTF-8	Encoding that will be used during importing data from a file.
Export Encoding:	UTF-8	Encoding that will be used during importing data from a file.

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:	5 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:		Specify your server IP address 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 with **unlimited credit**.
	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.
Minimal Statistics Quantity:	100	Minimal quantity of statistics records required for considering quality factors. Otherwise defined default values will be used.
Default ASR:	30	Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1.
Default ACD:	2	Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1.
Default PDD:	1	Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1.
Default SCD:	5	Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1.

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 XDRs or RADIUS Authorization
☐ Event on zero time calls		Send events even if a call has zero length
Resend low-balance events every:	24 hour(s)	How often to resend email regarding low customer's balance
Rate changes notification period:	300 minute(s)	Customer will be informed regarding rates changes in given amount of minues after the actual change.
Watch for free space at:	/opt/jerasoft:20;/var/lib/pgsql:30	Monitor free disk space. You can specify full path where to monitor and percent of space delimited by ":". When free space is less than specified percent of the whole disk size - the system will send an alert.

AUTOROTATION AND CLEANING

Delete events from log after:	1 day(s) (from 1 to 90)	Delete events from Events Log after a specified period of days.
Statistics Archiving Delay:	0 day(s) (0 - do not archive)	Archive statistics in advance. Advance archiving minimizes the time needed for backup.
Statistics Rotate Delay:	100 day(s) (0 - do not rotate)	Rotate statistics to archive after specified number of days.
Delete not actual rates after:	360 day(s) (0 - do not delete)	Delete rates from the system when they are not relevant for a specified number of days from the end date.
Delete parsed xDR files after:	180 day(s) (0 - do not delete)	After what number of days already parsed and processed xDR files must be deleted from local server.
Delete archived log files after:	90 day(s) (0 - do not delete)	After what number of days archived log files must be deleted from local server.

BACKUP SETTINGS

System Backup Period:	167 hour(s) (0 - do not backup)	How often to backup the system. Please note that actual backup will be done at the time when the Backup Manager process runs.
Destination for Backup Packages:	/opt/jerasoft/backups	Absolute path where to put backup packages. It cannot be inside the root of the system.
Include into backup:	Database ×	Which components of system should be included into backup.
Leave last X Packages:	3	How many last backup packages to leave.
Number of Backup Manager workers:	1	Number of threads that run database backup.

Update

© 2004-2020 JeraSoft. All Rights Reserved.

Warning

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