

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:

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

A blue rectangular button with the word "Update" in white text.

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

Screenshot: Settings section

SYSTEM SETTINGS

| | | |
|---|--|---|
| Domain Name: | <input type="text" value="https://172.17.172.17:443"/> | The "Domain name" field must always start with "https://" and cannot be empty! |
| Public IP: | <input type="text" value=""/> | The system public IP address used for LNP DIP requests. This field is mandatory if LNP is enabled in the system. |
| <input checked="" type="checkbox"/> 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

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| Default Currency: | <input type="text" value="USD"/> | Default currency is used for routing, profitability margin check and new entities creation. Reports To Email, etc) |
| Default Language: | <input type="text" value="English"/> | Set default locale for the interface if not set in user preferences. |
| Timezone: | <input type="text" value="UTC"/> | Default system timezone. You can change timezone in statistic reports queries. |
| Year/Month Format: | <input type="text" value="%Y-%m"/> | Output format for year/month, you can check syntax for this field in the User Guide. |
| Date Format: | <input type="text" value="%m/%d/%Y"/> | Output format for dates, you can check syntax for this field in the User Guide. |
| Date and Time Format: | <input type="text" value="%m/%d/%Y %H:%M:%S %z"/> | Output format for dates and times, you can check syntax for this field in the User Guide. |
| Date and Time w/TZ Format: | <input type="text" value="%Y-%m-%d %H:%M:%S %z"/> | Output format for dates and times with a timezone, you can check syntax for this field in the User Guide. |

MAIL SERVER SETTINGS

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| SMTP Credentials: | <input type="text" value="Default SMTP"/> | Credentials of SMTP server to be used for system notifications (e.g. Events Watcher, Reports To Email, etc) |
| From: | <input type="text" value="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

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|---|---|--|
| Files Collector Workers: | <input type="text" value="1"/> | Number of parallel workers running files collector tasks. |
| Statistics processing order: | <input type="text" value="old calls first"/> | Order of statistics processing when the queue is large. |
| Calculator Workers: | <input type="text" value="4"/> | Number of parallel workers running calculator tasks (number of CPU cores / 2). |
| Calculator Mode: | <input type="text" value="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. |
| <input type="checkbox"/> Round Monetary Value | | Round monetary value in xDRs report and xDRs files. Default without rounding. |
| <input type="checkbox"/> 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

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| Items per Page: | <input type="text" value="20"/> | Default number of items per page in the system interfaces. |
| CSV Delimiter: | <input "="" type="text" value=","/> | Default delimiter used for CSV files when importing/exporting. |
| CSV Decimal Point: | <input type="text" value="."/> | What will be used as a decimal separation point for numbers ("," for most cases). |
| Hidden Numbers: | <input type="text" value="0"/> | The number of digits, which must be hidden in a destination number. |
| Import Encoding: | <input type="text" value="UTF-8"/> | Encoding that will be used during importing data from a file. |
| Export Encoding: | <input type="text" value="UTF-8"/> | Encoding that will be used during importing data from a file. |

INVOICING SETTINGS

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| Invoice No Template: | <input type="text" value="%Y9em%x"/> | Format for Invoices No, you can use next replacements: %Y - current year, %em - current month, %id - current day, %C - client ID, %N - client name, %x - system incremental integer, %R - reseller incremental integer. |
| Invoice Last No: | <input type="text" value="100332"/> | Last Invoice No used in the system for invoices generation. |
| Autoinvoicing Default State: | <input type="text" value="to verify"/> | Default state for all automatically created invoices. |
| Autoinvoicing Delay: | <input type="text" value="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. |
| <input type="checkbox"/> 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. |
| <input type="checkbox"/> Allow Zero Invoices | | Enables creation of zero invoices. |

RADIUS SERVER

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|---|-----------------------------------|---|
| Bind to Address: | <input type="text" value=""/> | Specify your server IP address to bind to, empty field means bind to all addresses. |
| Accounting Port: | <input type="text" value="1813"/> | Listen for accounting packets on a specified port. |
| Authorization Port: | <input type="text" value="1812"/> | Listen for authorization packets on a specified port, same for dynamic routing if available. |
| Number of Workers: | <input type="text" value="2"/> | Number of threads that process packets. The value of this parameter also affects the number of SIP workers. |
| Max Call Length: | <input type="text" value="7200"/> | Maximum call duration in seconds, for customers with unlimited credit . |
| Max Routes Quantity: | <input type="text" value="10"/> | Maximum routes quantity to be returned. |
| Changes will be applied only after you restart RADIUS server from the Task Scheduler section. | | |

SIP SERVER

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| SIP Port: | <input type="text" value="5060"/> | Listen for auth packets on a specified port. |
| Max Routes Quantity: | <input type="text" value="10"/> | Maximum routes quantity to be returned. |

DYNAMIC ROUTING

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| Analyze Period: | <input type="text" value="300"/> <input type="text" value="minute(s)"/> | How many last minutes of statistics will be analyzed to build a routing table. |
| Minimal Statistics Quantity: | <input type="text" value="100"/> | Minimal quantity of statistics records required for considering quality factors. Otherwise defined default values will be used. |
| Default ASR: | <input type="text" value="30"/> | Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1. |
| Default ACD: | <input type="text" value="2"/> | Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1. |
| Default PDD: | <input type="text" value="1"/> | Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1. |
| Default SCD: | <input type="text" value="5"/> | Default value to use, if statistics quantity volume is not reached by particular vendor. Minimal allowed value is 0.1. |

RATES GENERATOR SETTINGS

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| Number of workers: | <input type="text" value="4"/> | Number of threads that process rates generation. |
| Rates Generation Delay: | <input type="text" value="1 hour(s)"/> | System will start Automatic Rates Generation in given amount of hours after the sources rates changes. |

NOTIFICATION AND MONITORING

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| <input checked="" type="checkbox"/> Event on Missing Account | | Send an event to events log, when client/account was not identified during processing of XDRs or RADIUS Authorization. |
| <input checked="" type="checkbox"/> Event on Missing Rate | | Send an event to events log, when destination/rate was not identified during processing of XDRs or RADIUS Authorization. |
| <input type="checkbox"/> Event on zero time calls | | Send events even if a call has zero length. |
| Resend low-balance events every: | <input type="text" value="24"/> <input type="text" value="hour(s)"/> | How often to resend email regarding low customer's balance. |
| Rate changes notification period: | <input type="text" value="300"/> <input type="text" value="minute(s)"/> | Customer will be informed regarding rates changes in given amount of minutes after the actual change. |

AUTOROTATION AND CLEANING

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| Delete events from log after: | <input type="text" value="1"/> <input type="text" value="day(s)"/> (from 1 to 90) | Delete events from Events Log after a specified period of days. |
| Statistics Archiving Delay: | <input type="text" value="0"/> <input type="text" value="day(s)"/> (0 - do not archive) | Archive statistics in advance. Advance archiving minimizes the time needed for backup. |
| Statistics Rotate Delay: | <input type="text" value="100"/> <input type="text" value="day(s)"/> (0 - do not rotate) | Rotate statistics to archive after specified number of days. |

| | | |
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| Delete not actual rates after: | <input type="text" value="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: | <input type="text" value="180"/> day(s) (0 - do not delete) | Number of days, after which already parsed and processed xDR files must be deleted from the local server. |
| Delete archived log files after: | <input type="text" value="90"/> day(s) (0 - do not delete) | Number of days, after which archived log files must be deleted from the local server. |
| Delete emails from Mail Queue after: | <input type="text" value="365"/> day(s) (0 - do not delete) | Number of days, after which emails from Mail Queue must be deleted from the local server. |

BACKUP SETTINGS

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|-----------------------------------|---|---|
| System Backup Period: | <input type="text" value="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: | <input type="text" value="/opt/jerasoft/backups"/> | Absolute path where to put backup packages. It cannot be inside the root of the system. |
| Include into backup: | <input type="text" value="Database"/> | Which components of system should be included into backup. |
| Disk usage threshold: | <input type="text" value="40"/> % | Threshold for backup size relative to free disk space. Contact Support Team if you need to change the value. |
| Leave last X Packages: | <input type="text" value="3"/> | How many last backup packages to leave. |
| Number of Backup Manager workers: | <input type="text" value="1"/> | Number of threads that run database backup. |

Update

About 0.1459%

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Warning

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