Task Scheduler

Task Scheduler

The **Task Scheduler** section represents a list of all **system utilities** (see screenshot below) and is aimed at providing a possibility to manage and **configure** them as a **user** desires. List of system utilities has the following structure:

Screenshot: Task Scheduler section

Column Name	Description
Active	**Status** of the utility. Depending on the icon, the status can be either 🟢 **enabled** or 🔴 **disabled.** To change a utility status, click on the icon in the table.
Manual Run	**Each utility** is run with a certain **periodicity**, specified in the **Run at** column. By clicking the **Run utility** ▶ icon, you **manually** start this utility regardless of its **Run at** column value.
Name	**Name** of the utility. The full list of system utilities with their descriptions is provided in a table below
Run at	**Periodicity** at which each utility is run
In Queue from	If the utility is run manually, **time** and **date** when its launch was initiated will be specified in the column
Last Run	**Time** and **date** when the **last run** was initiated

Utility Name	Description
Backup Manager	Utility that manages system backup processes

Balances Manager	Creates automatic charges
RADIUS Server	RADIUS server process
SIP Redirect Server	SIP Redirect server process
Cache Manager	Cache Manager process whose main function is to monitor and include client-related changes for RADIUS and SIP Redirect continuously
Calculator	Utility that processes all data collected from xDR-files
Calling Card Manager	*Calling Cards* manager process
Cleaner	Utility that automatically cleans old messages from the *Events Log* section
Dynamic Routing Manager	Utility that creates routing tables used in Dynamic Routing feature
Email Rates Manager	Utility that imports rate tables updates from emails
Events Manager	Process that sends events to emails according to *Events Config*
Provisioning Manager	Utility that processes events asynchronously
Factors Watcher	Utility that controls the *Factors Watcher* tool
Files Collector	Utility that controls file collectors
Files Downloader	Utility that automatically downloads xDR-files from switch host
Import Manager	Manages rates import process
Invoicing Manager	Utility that manages the autoinvoicing feature
Jurisdiction Manager	Generates jurisdiction table from LERG/TMP data sources for US routing
Log Rotator	Utility that controls log-files
Mail Manager	Sends emails from mail queue (invoices, notifications, etc.)
Statistics meta info manager	Gathers meta-information about collected statistics
Notificator	Notifies in case of a low balance or HDD space events
Packages Manager	Utility that manages your packages
Rates Generator	Utility that generates rates, both manually and automatically
Rates Notificator	Utility that notifies clients about rate changes
Orig-Term Report Generator	Utility that manages data generation for Orig-Term Report
Reports Watcher	Utility that sends generated statistic reports by the scheduled time
Statistics Manager	Utility that manages statistics packages
Traffic Rules Manager	Utility that manages all traffic rules in the system

⚠️ **Attention**

Please note that if a customer had no assigned **packages**, **accounts**, **presets** or **translations**, and you decided to add one, then RADIUS or SIP Redirect servers will notice those changes only after *Cache Manager* runs and does its job. Please note, that this is only applicable if a customer previously had absolutely no items listed above, in other words, if you add a second account to a customer, then that change will be effective instantly.

Utility management

You can always configure the run time of any utility by clicking a respective ***edit*** 🖉 icon. A pop-up window for utility management has the following structure (see screenshot below):

Screenshot: Utility editing

Field	Description
Name	**Name** of the utility
Last Run	**Time** and **date** when the **last run** was initiated
Active	If this checkbox is marked, the utility is considered **active**
Run at	To set a **periodicity,** insert desired values into **minute(s), hour(s),** and/or **day(s)** fields and select **every** or **once on** the condition for each the above-mentioned field.
Day of Week	Specify the **days of the week** when the utility will be run according to the **Run at** fields values. You can choose either **one** specific day or **all** of them (set by default).