

# Release notes

## v.3.3.77 - 07.10.2019

- displaying multiline text in the `thecounter` widget;
- renamed the "Agent data" section;
- added a link to the documentation in `Main tool`;
- added `push notifications` in a mobile app;
- possibility to configure conditions of `state change` and `alarm generation` that occur at a certain time;
- added contact information to the "Server unavailable" page;
  
- added `timeseries analytics` module;
- converting a sensor error into metric in the `data` table with the possibility to apply `state change conditions`;
- displaying the number of rows when receiving value array: `Process by name`, `Database query`, `REST-request`;
- possibility to use variables in `operations`.

## v.3.2.76 - 25.01.2019

- displaying `MQTT messages` in `Event Log`;
- possibility to manage `levels of incidents` criticality;
- implemented `data forming rules`;
- created `Datasources` plugin to Grafana.

## v.3.2.75 - 26.10.2018

- `operation` Editor for Objects and Classes;
- added buttons "Allow all" and "Deny all" for each of the subcategories of `Users rights` in the configuration window;
- possibility to edit `classes properties`;
- formula support in editor of `state change conditions`;
- using metrics from different objects in `state change conditions`;
- autocomplete when typing metric name in `state change conditions` and when `adding graphs`;
- display of current metrics values and calculations results when editing formulas in `state change conditions`;
- possibility to add a comment to `state change`;
- standardized design and functionality of "Create object" button in each `display type`;
- `opening SSH terminal` for Host objects class without early configuring properties;
- possibility to `create and edit scripts` for probe "Program or script execution";
- `scripts repository`;
- added fields "RX bytes" and "TX bytes" in agent data at the Network IO sensor;
- automatic creation of standard Host objects upon agent autoregistration on server.

## v.3.1.74 - 01.08.2018

- possibility to use states to `reset manual state transition`.

## v.3.1.73- 05.07.2018

- `server configuration options` in the Web UI;
- object/link deletion option in the `context menu` of the navigation tree;
- `dark theme` for the Web UI;
- `graph type` switch.

## v.3.1.72 - 27.04.2018

- filter by users and groups in the `configuration` section;
- possibility to specify interface for `ping probe`;
- displaying of the current server version number in `Web UI`.

## v.3.1.71 - 28.03.2018

- improved button design "`Widget code`";
- differentiate and regrouping `users rights`;
- limitation of section viewing for `users` and `users group`;
- possibility to configure `object background`;

- interface for creating and editing classes;
- mode of displaying of objects classes in tree;
- possibility to add multi-parent to objects;
- data storage after their obsolescence;
- displaying of fields from parameters and agent data in Table View;
- addition css-styles for links;
- displaying of objects properties as fields in incidents table;
- combined use of AND and OR operators in incident filters;
- improved mechanism for notifications sending;
- displaying of recording time (timestamp) while data saving in OpenTSDB;
- simplified access to SSH terminal via Web UI;
- new REST method for classes creating with ability to add probes.

## v.3.0.70 - 25.12.2017

- 12687056 improvements;
- displaying of cyrillic symbols in 12687056 is fixed.

## v.3.0.69 - 18.12.2017

- new "Owner" field in 12687056section has been added;
- modified "Color Picker" component to edit the object 12687056 and 12687056 widget;
- improved system architecture;
- the date of the last modification of the object in 12687056section has been added.

## v.2.0.68 - 30.11.2017

- improved button design in 12687056;
- added a 12687056 to the 12687056 according to the specified criteria;
- new type of 12687056 - 12687056;
- accelerated loading of objects in 12687056;
- displaying of the time of adding comments in incidents when 12687056 to Excel;
- configurable downsampling of 12687056;
- search for objects with empty properties in 12687056;
- displaying of the date of object creation in 12687056 and possibility to search for it in 12687056;
- possibility to export object 12687056 from 12687056 to Excel;
- improved display of embedded 12687056;
- saving created filters in 12687056;
- possibility of temporary 12687056 from device by means of a filter;
- smooth data loading in lists;
- 12687056 and differentiate access levels for user groups;
- 12687056 from object 12687056 to 12687056list;
- transferring the state to parent object from children objects by means of 12687056;
- constructing a 12687056 widget for a calendar period;

## v.2.0.67 - 13.10.2017

- added the mechanism of creating objects in the mode 12687056;

## v.2.0.66 - 12.10.2017

- custom settings 12687056 under the 12687056;
- support of 12687056 in requests;
- new more friendly and convenient API-documentation;
- new 12687056 to:
  - define 12687056 your app sends - `/node/api/objects/:id/stat/meta`
  - get info about the 12687056 by its id - `/node/api/incidents/:id`
- possibility to add a comment to the 12687056 with the author's fixation and indicating the date;
- remark "Acknowledgement" for scanned 12687056 with the time fixation;
- export of active alarms and reports on them to Excel;
- support of 12687056 in 12687056;
- fixed column headings when scrolling incidents;
- designation of the action area radius around the object on 12687056;
- accelerated loading of objects in Standart view;
- 12687056 of each incoming value in 12687056;
- more detailed construction of 12687056 for one day;

- addition of the 12687056;
- special12687056and12687056to move objects in12687056;
- possibility to publish 12687056 on an external site;
- planned 12687056 for a period of time;
- improvements of12687056sensor;
- possibility to creat dictionaries of values on widgets of 12687056;
- displaying an object on the map from the 12687056;
- filter of 12687056 according to the predeterminedcriteria;
- presets to show, hideand reorder columns in 12687056;
- 12687056 - correlation of incidents;
- 12687056 of network devices by agents.

## v.1.10.65 - 07.07.2017

- technical update to improve performance of 12687056.

## v.1.10.64 - 06.07.2017

- import of hosts and items from Zabbix;
- "Scale values"option for 12687056 and 12687056;
- 12687056 for metrics from different objects;
- 12687056 for 12687056;
- 12687056;
- 12687056;
- 12687056;
- 12687056;
- possibility to define clear conditions for 12687056 in 12687056;
- comments you enter when 12687056 are now displayed in Incidents;
- handy buttons to change 12687056 period;
- "Total" value in 12687056.

## v.1.10.63 - 19.05.2017

- 12687056 and 12687056;
- 12687056 are user targeted now;
- possibility toadd 12687056 for objects;
- possibility to 12687056 to Telegram channel or chat;
- search by parent object in 12687056;
- 12687056 support in 12687056;
- support of 12687056 in 12687056;
- text mode for12687056 and12687056 sections;
- 12687056 for metrics from an object;
- 12687056 of all objjets;
- possibility to create objects via the 12687056;
- optional"Number of bytes" parameter for12687056 sensor;
- 12687056 are alphabetically sorted now;
- instant displaying of new objects, links and references added to the system to all online users;
- possibility to limit the number of simultaneous tasks performed by the agent in 12687056;
- web-interface loading is accelerated in 4 times;
- more friendly REST API documentation;
- Agent v.3.3.57 - <http://saymon.info>.

## v.1.9.62 - 20.02.2017

- UDP support for Binary Protocol;
- web-interface in Italian;
- Agent v.3.2.54 - <http://saymon.info>.

## v.1.9.61 - 13.02.2017

- Binary Protocol sensor;
- descriptions for State change conditions;
- disable system notifications sound;
- possibility to change object state manually - aka the maintenance mode;
- user interface language switcher;
- support of "entityId" variable in notification templates;
- optimization of Navigation panel for better performance;
- support of count, sum and deviation operators for metrics' values to show in widgets;

- Agent v.3.1.53 with OS Red Hat Enterprise Linux 7 compatibility and Binary Sensor support - <http://saymon.info>.

## **v.1.8.58 - 16.12.2016**

- FTP-sensor;
- sound notifications on object state change;
- tags for objects and links in Parameters section to perform quick search and bulk operations;
- date and state filters in State history of objects;
- state filter for objects in Table View;
- "Include all" / "Exclude all" buttons in user management Permissions tab;
- direct access to the system without authorization by login/password;
- notification templates;
- displaying of IP-addresses of the host where the agent is installed in the Agent Data table of the "Agent" object class;
- basic data transfer between different installations of the system (Data Import and Export);
- new REST-method for force change of states of objects and links;
- agent systemd support;
- Agent v.3.0.50 - <http://saymon.info>.

## **v.1.8.57 - 11.11.2016**

- possibility to add triggers for system states.

## **v.1.8.56 - 03.11.2016**

- possibility to add widget to any object using data from any other object of the system;
- possibility to resize any widget;
- human-readable State history;
- displaying user actions (from audit log) on graphs.

## **v.1.8.55 - 07.09.2016**

- voice call notification for triggers;
- support of cyrillic symbols in Agent Data table;
- filter in File System sensor.

## **v.1.8.54 - 23.08.2016**

- MQTT support;
- search and bulk operations for objects;
- new "Level" widget to display percent data as a bar chart;
- optimization of search in drop-down lists;
- history of user actions;
- customizable headers for HTTP-sensor;
- HP Vertica SQL-sensor;
- Agent v.3.0.48 - <http://saymon.info>.

## **v.1.7.53 - 19.07.2016**

- new way to specify arguments for "Program / script execution" sensor;
- Event Log access filter for users and groups;
- annotations on graphs;
- widgets editing.

## **v.1.7.52 - 30.06.2016**

- min/avg/max values for metrics on widgets;
- legend for graph widgets;
- possibility to assign event to a user in Event Log;
- label with number of filtered traps in Event Log.

## **v.1.7.51 - 20.06.2016**

- joint graph widget;

- object state change notifications buffering;
- LDAP-integration for user authorization;
- improved SNMP-Trap collapsing in Event Log;
- all sections and graphs in End View and Info Modal are collapsed by default;
- new dark theme to display objects (and subobjects) of "Dashboard" class;
- new "Abbreviated value" option for "Counter" widget;
- fixed displaying of `CPU.percentageUsage.XXX` metric values in Agent Data section;
- fixed problem when some objects did not change their states to "Object is not monitored" on probe disabling;
- Agent v.3.0.47 - <http://saymon.info>.

## **v.1.6.50 - 30.05.2016**

- event cancelation in Event Log on Clear-trap reception;
- Event Log context menu to:
  - change trap text temporarily;
  - cancel accident manually (trap deletion);
- sorting of SNMP-traps in Event Log by any field;
- automatic scaling of "Structure" widget when changing the size of the object.

## **v.1.6.49 - 11.05.2016**

- updated SNMP Trap search engine in Event Log;
- new way to assign severity levels to SNMP Traps;
- displaying default Trap OID for SNMP Trap v.1;
- updated Telegram notifications;
- support of HTTP Basic Auth in API-requests;
- Agent v.3.0.46 - <http://saymon.info>.

## **v.1.6.48 - 29.04.2016**

- new way to link SNMP Traps to objects and links;
- ability to customize SNMP-Trap fields displayed in Event Log;
- updated set of fields in Event Log;
- adjustable number of stored events;
- "ObjectGroup" objects creation has been moved to Main toolbar;
- updated objects look;
- Agent v.3.0.45 - <http://saymon.info>.

## **v.1.6.46 - 19.04.2016**

- JMX-sensor;
- Agent autoinstallation;
- XML-formatted data support by HTTP-sensor;
- updated UI of "Program / script execution" sensor for easier setup of arguments with spaces;
- percents rounded values in Agent Data table;
- "Configuration file / directory" sensor improvements for better recognition of monitored file MIME-type.

## **v.1.6.45 - 21.03.2016**

- clickable section widgets;
- data-server optimization.

## **v.1.6.44 - 29.02.2016**

- extended user management functionality;
- "Configuration file / directory" sensor improvements for better recognition of monitored file MIME-type;
- Standard View scrolling by dragging its background;
- unpinned sections buttons highlighting;
- object hierarchy rearrangement with drag'n'drop;
- recurrence for Actions on state changes;
- possibility to set actions for "Object is not functioning" state;
- object sections widgets;
- graph widget resizing;
- object context menu;
- link waypoints snapping to the grid;
- Agent v.2.6.44 - <http://saymon.info>.

## **v.1.6.43 - 26.01.2016**

- new check - Configuration file / directory;
- support of notifications via Telegram;
- speeding-up of Navigation panel;
- depth parameter for objects structure widgets;
- Agent v.2.6.43 with new check support - <http://saymon.info>.

## **v.1.6.42 - 28.12.2015**

- technical update to fix password change inability for some users.

## **v.1.6.41 - 25.12.2015**

- waypoints for links;
- possibility to link one SNMP Trap to several objects;
- object change history (audit-log).

## **v.1.6.40 - 16.12.2015**

- new logic to show and hide sections;
- new options for object background in Parameters section;
- close Info Modal clicking on outside area;
- updated Windows Agent installation instructions;
- Agent v.2.7.42 and OS Solaris 5.10 support - <http://saymon.info>.

## **v.1.6.39 - 24.11.2015**

- objects structure widgets;
- Agent v.2.6.40 with .NET Framework 4.x support - <http://saymon.info>.

## **v.1.6.38 - 11.11.2015**

- object references;
- uniformity of State change conditions and Actions on state changes sections;
- custom labels for widgets;
- Agent v.2.5.38 and OS Windows x32 installer - <http://saymon.info>.

## **v.1.6.37 - 22.10.2015**

- support of SMS-notifications;
- graphs widgets;
- new control component to slide graphs;
- JSON-formatted data support by HTTP-sensor;
- "Contains" operator in State change conditions;
- link's state propagation to parent object;
- example for recurrent notifications and event escalation.

## **v.1.5.36 - 25.09.2015**

- export agent data table to CSV-file;
- double click to copy cell information from agent data table to the clipboard;
- agent data metadata for the better information representation;
- possibility to force object into desired state with conditions in case of "no data" accident;
- manual object hierarchy rearrangement;
- improved legend panel;
- support of additional custom object states.

## **v.1.5.35 - 03.09.2015**

- drag&drop columns to change their order in Agent Data table;

- counters/metrics in Standard View on objects are replaced by more functional widgets.

### **v.1.5.34 - 21.08.2015**

- Event Log background update;
- pop-up window for links;
- grid for objects arrangement in Standard View;
- search filter in dropdown lists;
- export of graph data to a CSV-file;
- links in Navigation panel;
- How to... section with examples is added.

### **v.1.5.33 - 28.07.2015**

- Table View for objects and links;
- data table that is used to plot graphs;
- "Send response body" switcher for HTTP-request;
- SNMP-Traps grouping in Event Log.

### **v.1.5.32 - 20.07.2015**

- technical update to fix the problem of preservation of history data presented as JSON-array.

### **v.1.5.31 - 17.07.2015**

- possibility to disable recording of history data to MySQL;
- expand all / collapse all" buttons for sections in End View;
- extended error reason of agent task execution in State History;
- optimization of history data writing;
- severity highlighting of SNMP Traps.