

Object Classes Management

In this window there are two tabs that allow you to manage existing [objects classes](#) and create new ones, also you can change the list of columns displayed in the [Table View](#).

In this window there are two tabs that allow you to create new and manage existing [objects classes](#), their properties and operations, and also change the columns list displayed in Table view.

- [General](#)
- [Properties](#)
- [Operations](#)
- [Table](#)

General

This section consists of a list of the existing classes, for which it is possible to change:

- name;
- description;
- view that will be used by default for selected class;
- display mode in tree.



The new class creation is done by pressing the button .

The screenshot shows the 'Configuration' window with a sidebar on the left containing menu items: Users, Agents, Event log, Notification templates, States, Incidents, Object classes (highlighted), Scripts, and Configuration options. The main area is titled 'Classes' and features a list of object classes: Cloud, Configuration File, CPU, Dashboard (highlighted in orange), Database Schema, datagside, DeviceInfo, DeviceOptions, ElectroReport, Entrance, File System, Floor, Hardware, Host, House, and HTTP-Resp-Time. Above the list are a filter icon and a blue '+' button. To the right, the 'General' tab is active, displaying fields for ID (43), Name (Dashboard), Description (Dashboard), Default view (dropdown menu with '-- Not selected --'), and Display in tree (radio button selected for YES).

Properties

The section includes two fields for filling:

- name;
- value.

The field "Value" is not required. A property will be created with an empty value.

The screenshot shows a web interface titled "Configuration". On the left is a sidebar menu with items: Users, Agents, Event log, Notification templates, States, Incidents, Object classes (highlighted), Scripts, and Configuration options. The main area is divided into two panes. The left pane is titled "Classes" and contains a list of categories with icons: Cloud, Configuration File, CPU (highlighted in orange), Dashboard, Database Schema, datagrside, DeviceInfo, DeviceOptions, ElectroReport, Entrance, File System, Floor, Hardware, Host, House, and HTTP-Resp-Time. The right pane has tabs for "General", "Properties" (selected), "Operations", and "Table". Under the "Properties" tab, there is a highlighted field labeled "IP address" and a text input field labeled "Value". At the bottom of the right pane are three buttons: a blue "+" button, a blue "Add" button, and a white "Cancel" button.

Operations

There are two operations types, depending on the choice of which the fields number and content to be filled in vary:

- Program / script execution runs executable file.

New operation ✕

Name:

Type:

Subtype:

Script:

Arguments:

Description:

- MQTT message sends a message using the MQTT protocol.

Change operation: Turn on climate control ✕

Name:

Type:

📡
MQTT message
▼

Topic:

Message:

Description:

Activation of the temperature setting in the living room on the first floor.

Save
Close

Fields description:

Field	Description in program / script	Description in MQTT
Name	Operation name displayed in web interface	
Type	Drop-down list with available operations types.	
Subtype	Drop-down list with available subtypes: <ul style="list-style-type: none"> Program/script in file system - previously created file stored in the server file system. Specify binary name or script full path. Script from repository - script created and added to system repository earlier. The script saved in repository is selected from the drop-down list. Script with text - manual script introduction. The script text is entered. 	
Topic		MQTT topic for message sending.
Message		MQTT message text.

Arguments	Arguments with which script is run. The field is filled as necessary.
Description	Explanation a created operation.

Table

The screenshot shows the 'Configuration' interface. On the left is a sidebar with categories like Users, Agents, Event log, etc. The main area is divided into 'Classes' and 'Table' tabs. The 'Classes' list includes Cloud, Configuration File, CPU (highlighted), Dashboard, Database Schema, datagside, DeviceInfo, DeviceOptions, ElectroReport, Entrance, File System, Floor, Hardware, Host, House, and HTTP-Resp-Time. The 'Table' tab is active, showing a 'Display' column with fields for ID, Name, State, Widgets, Time, and Duration. A 'Hide' column is also present. At the bottom, there are input fields for 'Metric name' and 'Column name' with a '+' button to add new columns.

The following columns are available by default:

- ID — unique object ID;
- Name—name of the object with icon according to this class;
- State— status of the object
- Widgets— graphic display of the widgets configured for the object (counter, ring, circle, chart, button)
- Time — date and time when the object get the current state;
- Duration — time during which the object is in the current state.

If it is necessary you can add your columns using the panel:

Metric name	Column name	+
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where:

- metric name — the metric name which value is taken from the table of agent data displayed in the objects table, for example «percentageUsage.combined» (case-sensitive);
- column name — an arbitrary name displayed in the table header instead of the metric name, for example «CPU Download,%» instead of «percentageUsage.combined».