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List of abbreviations and software used

Abbreviation	Description
SW	Software
ATM	Automatic Teller Machine

Name	Description
WebIUS Workstation Application	Graphical user interface providing access to system settings and monitoring
WebIUS Updater Agent	Client module of the system installed on ATM

1. Introduction

1.1 Subject of description

This document is the user manual for the «**WebIUS Workstation Application**» system element «**WebIUS Updater**». It describes the basic concepts and lists the functionalities.

1.2 Purpose of the system

The purpose of the «**WebIUS Workstation Application**», hereinafter «**Workstation**», is to enable users to perform various actions related to the management and control of ATMs.

The "**Workstation**" software is an element of the "**WebIUS**" system, which is an interface that contains a variety of tools for managing the system and connected devices.

The primary functions of the "**Workstation**" are as follows:

- Adding new users and ATMs and managing them.
- Control and monitoring of both single and group ATMs.
- Creating, editing and assigning configurations to ATMs.
- Sorting and grouping devices according to various parameters

1.3 Target audience

The target audience are specialists whose responsibilities include ATM operation maintenance.

2. Basic concepts and elements of the system

2.1 Roles and users

In «**Workstation**» all operations are performed on behalf of authorized users.

Each user of the system is assigned a role with set privileges. The system has an initial set of roles that are not subject to change::

- **Administrator** - Users of this role are granted all system privileges with the exception of those associated with the ATM and Service roles.
- **ATM** - Users of this role are technical users who are authorised to carry out specific ATM transactions. Users of this role cannot work via «Workstation».
- **Service** - Users of this role are technical users who are authorised to carry out operations related to additional services that are in operation within the system. Users of this role cannot work via "**Workstation**"

Role management see section 3.11.

User management see section 3.15, para 3.4 (for ATM).

Management of active users see section 3.12.

Monitoring devices see section 3.9.

Manage ATM groups see section 3.3.

View ATM's that have been changed see section 3.8.

If you need to configure the personal menu and change the user password, please refer to the «**WebIUS Workstation Menu Settings**» guide.

2.2 Tags

A tag is an identifier intended for remote extension of "**WebIUS**" functionality.

These tools can be used to group and manage devices by properties and various attributes (e.g., a group of ATMs with cache recycling function or a group of devices intended for testing pilot builds).

Tags provide an opportunity to influence the behaviour of the scenario due to their appearance from the business logic script.

Adding tags when creating new ATM see section 3.4.

Tag management see section 3.5.

If you need to configure the personal menu and change the user password, please refer to the «**WebIUS Workstation Menu Settings**» guide.

2.3 Configuration, configuration packages, actions, plugins

The configuration and configuration packages

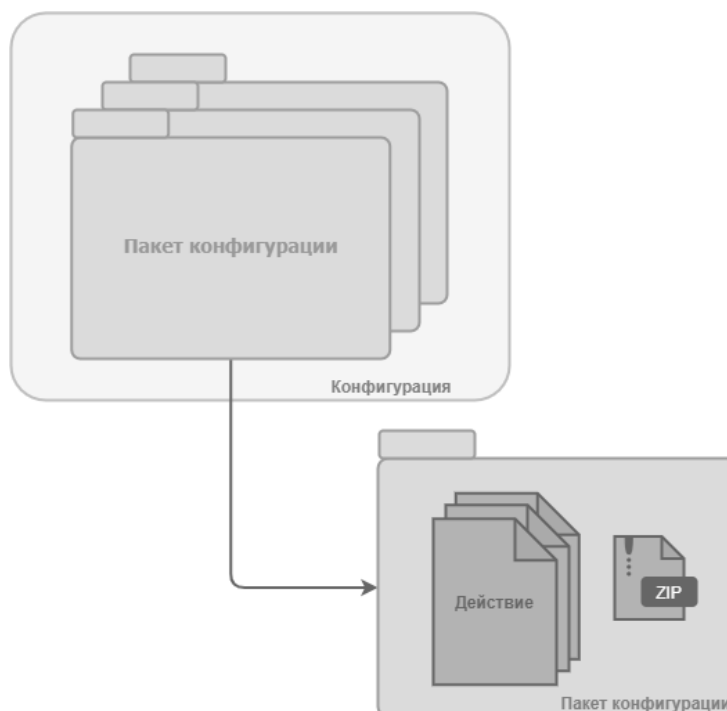
In the "**WebIUS**" system, configuration is defined as a set of packages that determine ATM operation. The following may be included:

- graphic packages displayed on the device after installation,
- business logic packages that allow client to interact with ATM,
- packages with additional settings, and a certain list of actions, assigned to the package if you need to manipulate the files of the package itself or ATM.

The configuration can contain one or more packages, each of which consists of a zip archive and an action set.

If the number of packages exceeds **10pcs.** it is recommended to combine some packages into one.

The configuration is delivered to the device using the "**WebIUS Updater Agent**" installed on the ATM. For instructions on how to install «**WebIUS Updater Agent**» on ATM, please refer to the document «**WebIUS Updater Agent Install Manual**».



Configuration management see section 3.6.

Configuration package management see section 3.7.

«**WebIUS Updater Agent**» management see section 3.13.

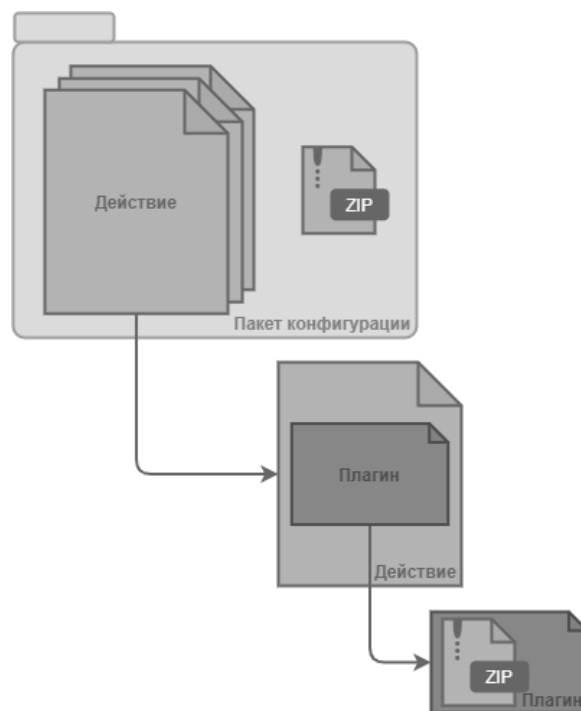
Management «**WebIUS Server**» see section 3.14.

Actions and plugins

Action refers to a procedure performed on the configuration package. The **"WebIUS"** system is characterised by a set of actions that are strictly regulated, with each action being executed by a plugin. A plugin is a zip archive that enables the execution of non-standard actions on an ATM or server.

The **"WebIUS Workstation"** offers four types of actions:

- Actions performed before unpacking the configuration package;
- Actions performed after unpacking the configuration package;
- Actions performed when checking the status of a package;
- Actions performed when a package is deleted.



Action management see section 3.1.

Plugins management see section 3.10.

3. System functionalities

3.1 Actions

The page is intended for displaying actions (see Fig. 1).

The majority of the page is a list of actions existing in the system.

The list has two fields: "Name" and "Plugin". Each action also has buttons «Edit», «Export» and «Delete».

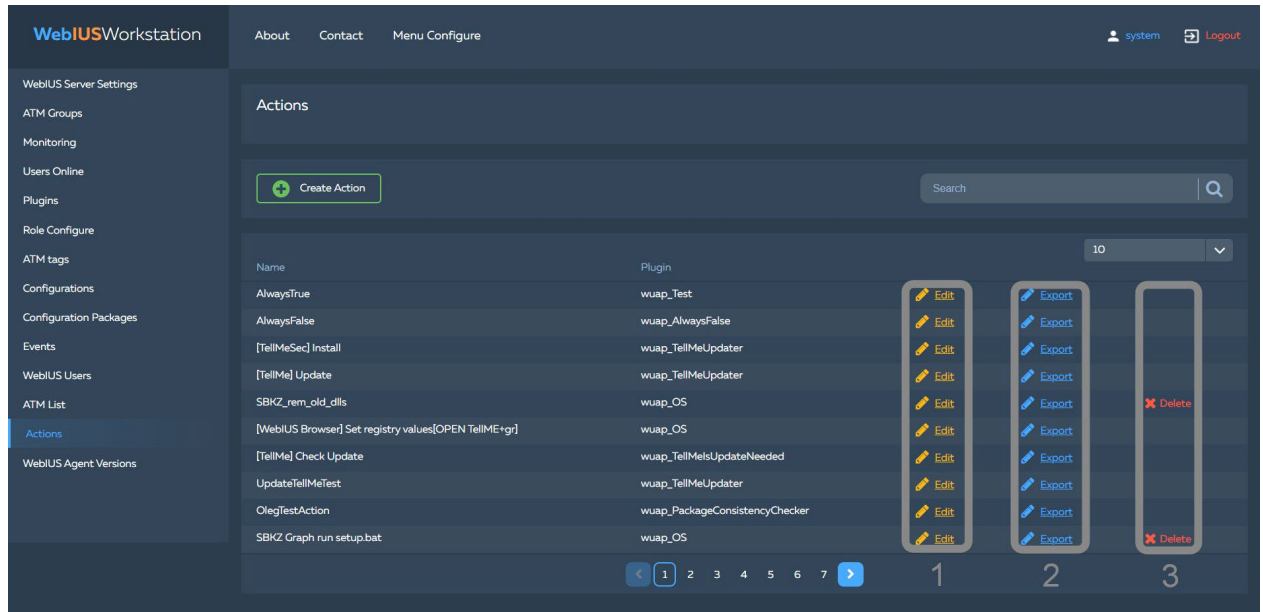


Fig. 1 - Actions page

Creating new action

In order to complete this task, it is necessary to press the '**Create action**' button.

In the window fill in the fields (see Fig. 2):

- «Name» field - Latin characters, maximum length 256c;
- «Timeout for action(sec)» field;
- Drop-down list «Plugin» to select the plugin;
- «JSON with parameters» field.

T Instead of entering parameters manually, the user can select one of the templates presented in the '**Template list**' section and press the '**Use**' button (see Fig. 2(1)).

Once all fields have been completed, press the '**Create**' button (see fig. 2(2)).

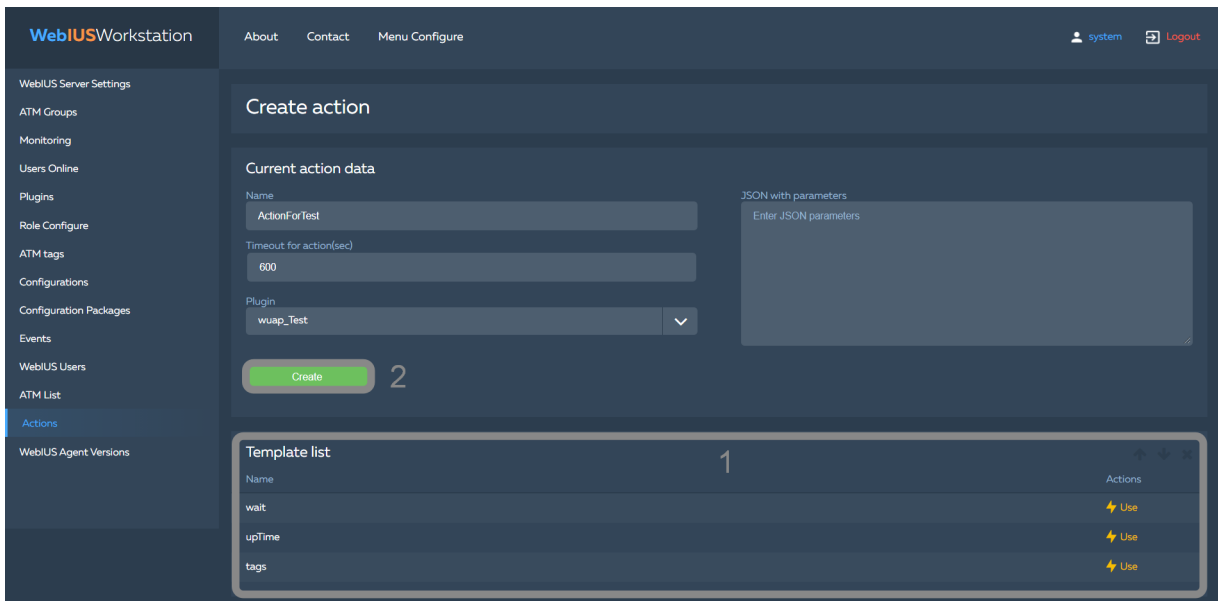


Figure 2 - Creating an action

Action editing

To change an existing action in the system, press **'Edit'** (see Fig. 1 (1)), which is located on the same line as the modified object. On the editing page that opens, you can make the necessary changes and press **'Save'**.

Action export

To export the action file, press the appropriate **'Export'** button on the **'Actions'** page (see Fig. 1 (2)).

Delete action

If the action is not applied anywhere, the **'Delete'** button will be displayed opposite it in the action list (see Fig. 1 (3)). Otherwise, this action must be excluded from the configuration packages where it is used before it can be removed.

3.2 ATM Condition

This page is intended for monitoring the selected device (see Fig. 3).

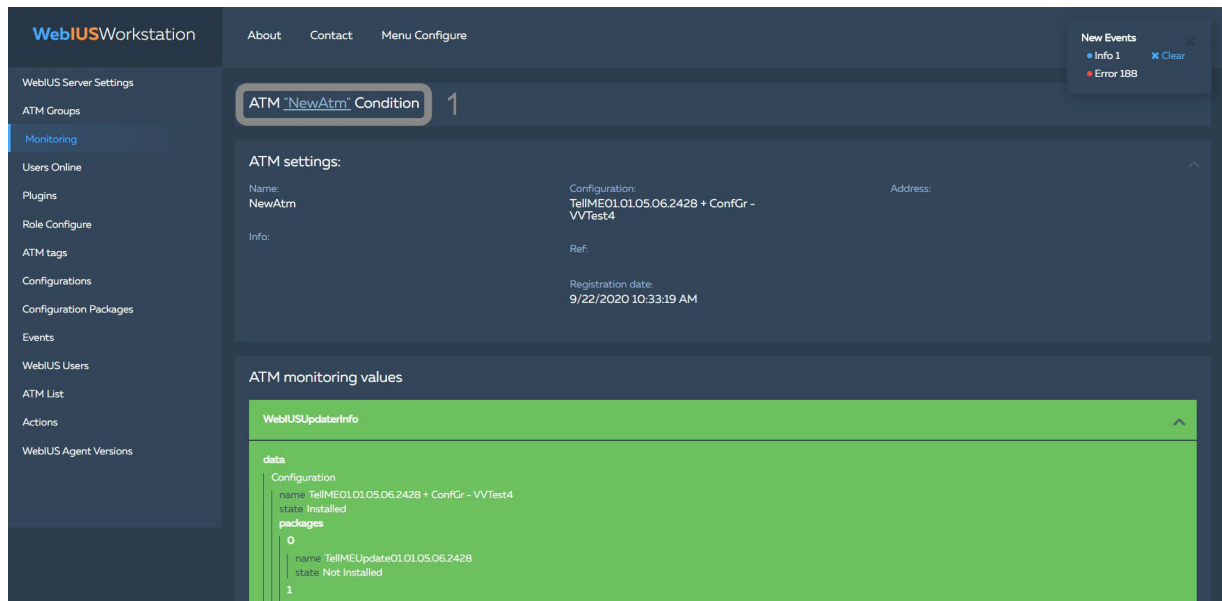


Fig. 3: ATM Condition Page

This page contains the following:

- «ATM settings» section with basic ATM information (id, ATM information, installed configuration, date of registration, address);
- «ATM monitoring values» section, displaying the package installation order, ATM status and update date;
- «ATM last events» list containing information about successful updates and errors.
- «ATM Configuration History» list containing information about updates (date of execution, configuration name, user performing the update and result of actions).

To quickly access the ATM settings editing page, press the «id device» button in the «**ATM Condition**» header (see Fig. 3 (1)) and then modify the ATM settings on the opened page.

3.3 ATM Groups

This page is intended for displaying and managing ATM information (see Fig. 4).

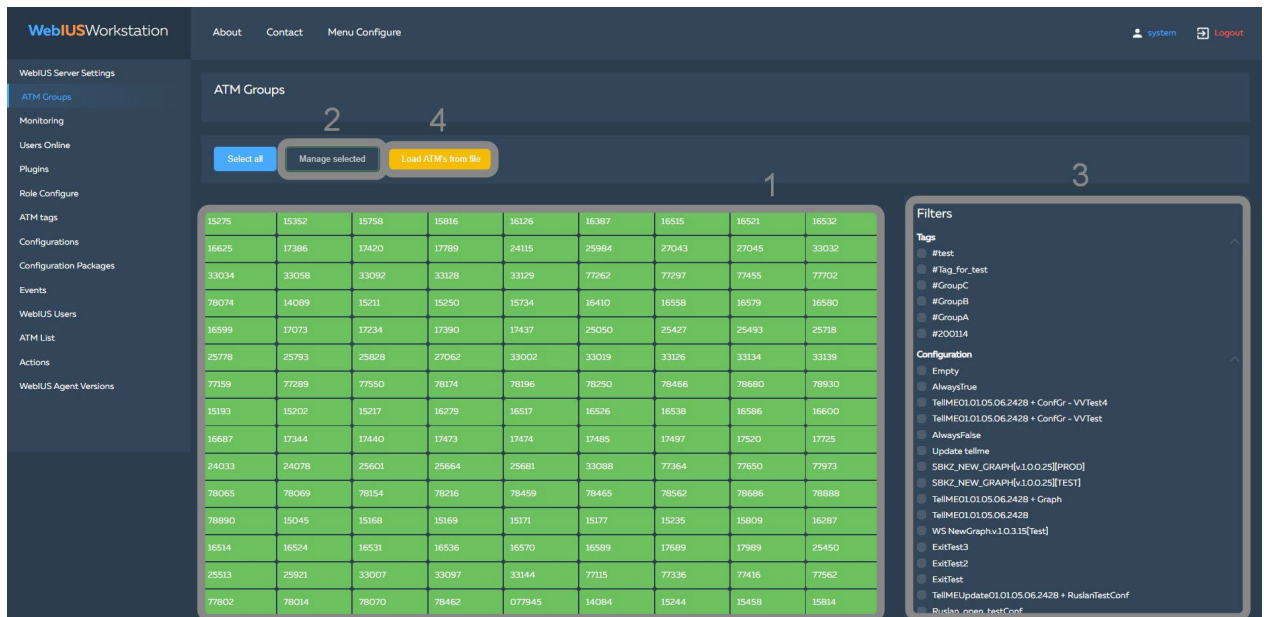


Fig. 4: «ATM Groups» page

ATM group management

On the «**ATM Groups**» page, you can manage ATM groups. To do this, select the required ATM from the list of all installed devices and press the «**Manage Selected**» button (see Figure 4, points 1 and 2) to go to the «**ATM Group Management**» page (see Figure 5). To select all ATMs, press «**Select all**» followed by «**Manage selected**». The user can then change the configuration and state for the ATM group (see Fig. 5 (1, 2)), add a tag (3), export the device ID (4) or remove the group (5).

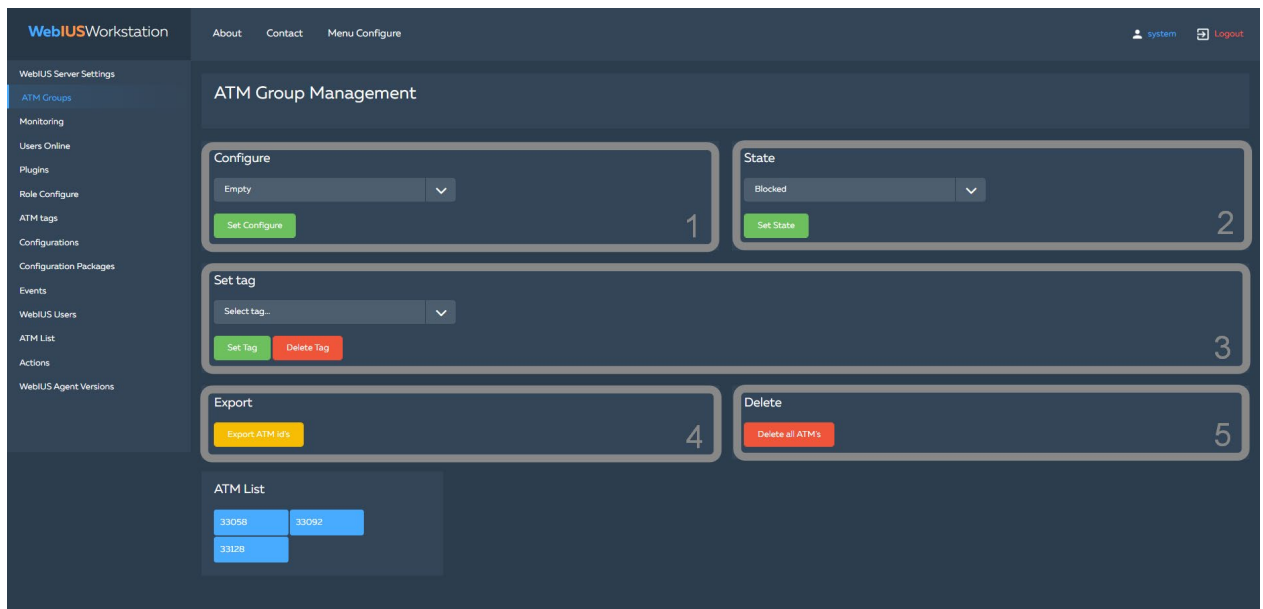


Fig. 5: Controlling multiple devices

ATM filtering

It is recommended that users search for specific devices using filters (see Fig. 4(3)). In «**Workstation**» ATM filtering by the assigned tags is provided.

To search the filter menu, select the desired parameter and press '**Show**'. The screen will then display all the filters that meet the device's requirements.

Load ATM from file

To do this, press «**Load ATM from file**» and select a file containing the device ID list in the opened window (see Fig. 4(4)).

3.4 ATM List

The «**ATM List**» page contains a list of the ATMs opened in the system with the following fields: **Name**, **State**, **Configuration**, **Description**, **Address** and **Info**, as well as the **Edit** and **Delete** buttons (see Fig. 6).

Name	State	Configuration	Description	Address	Info
78250	Ready	OPEN WebIUS Configuration[test_copy_of_package]			oki G8 telematika
077945	Ready	OPEN Old_graph	TM_test_4040		system
077777	Ready	OPEN WebIUS Configuration	TM_test_23		system
077863	Ready	OPEN Old_graph	TM_test_Oki		system
17789	Ready	OPEN WebIUS Configuration	20_01_24	г. Пермь, ул. Пермская, 3А	20_01_24
17437	Ready	OPEN WebIUS Configuration	20_01_24	г. Пермь, ул. К. Пожарского, 13	20_01_24
17473	Ready	OPEN WebIUS Configuration	20_01_24	г. Пермь, ул. Монастырская, 43	20_01_24
17474	Ready	OPEN WebIUS Configuration	20_01_24	г. Пермь, ул. Гашкова, 19	20_01_24
17497	Ready	OPEN WebIUS Configuration	20_01_24	г. Самара, ул. Ленинская, д.120/А	20_01_24
17520	Ready	OPEN WebIUS Configuration	20_01_24	г. Пермь, ул. Попова, 21	20_01_24

Fig. 6 – «ATM List» page

Creating a new ATM

On the «**ATM List**» page, the user must press «**Create ATM**» (see figure 7). On the «**Create ATM**» page, fill in the fields (see Figure 7).

- «Name» field: Latin characters only, maximum length 256c;
- State drop-down list to select the device status:
 - a. 'Ready' – the device has access to the system;

- b. 'Blocked' – system access is suspended until it is unblocked.;
- c. 'Deleted' – access to the system is suspended and user data is saved to ensure the integrity of the system audit;
- «Configuration» drop-down list (used configuration);
- «Description» field (description) - any characters, maximum length 512c;
- «Address» field - any characters, maximum length 512c;
- «Expiration date» field (date on which the device registration ends).
When this date arrives, the device's status changes to «Blocked»
- «Info» field (additional information) - any characters, maximum length 512c;
- «Password» field - any characters, length not less than 20 characters;
- «Password Confirm» field.

You can also add a new ATM tag using the drop-down list '**ATM tags**' (see Fig. 7(1)).
After filling in all the fields, press 'Create' (see Fig. 7(2)).

The screenshot shows the 'Create ATM' interface in the WebIUS Workstation. On the left is a sidebar with navigation links. The main area contains a form with the following fields: Name (text input), State (dropdown menu), Configuration (dropdown menu), Description (text input), Address (text input), Expiration date (date picker), Info (text input), Password (password input), and Password confirm (password input). A dropdown menu for 'ATM tags' is open, showing a list of tags, with a red box and the number '1' highlighting it. At the bottom left of the form is a green 'Create' button, highlighted with a green box and the number '2'.

Fig. 7: Creating an ATM

ATM Editing

To change the ATM settings, the user must press the corresponding '**Edit**' button (see Fig. 6(1)) and edit the device data on the opened page.

Deleting ATM

To delete an ATM, press the **«Delete»** button (see Figure 6(2)) located on the same line as the name of the device to be deleted.

ATM Monitoring

To view the device information, go to the **«Monitoring»** page (see section 3.2.9).

3.5 ATM tags

The page displays information about tags added to the system (see Fig. 8). The list contains the fields **«Tag Value»** and **«Description»**.

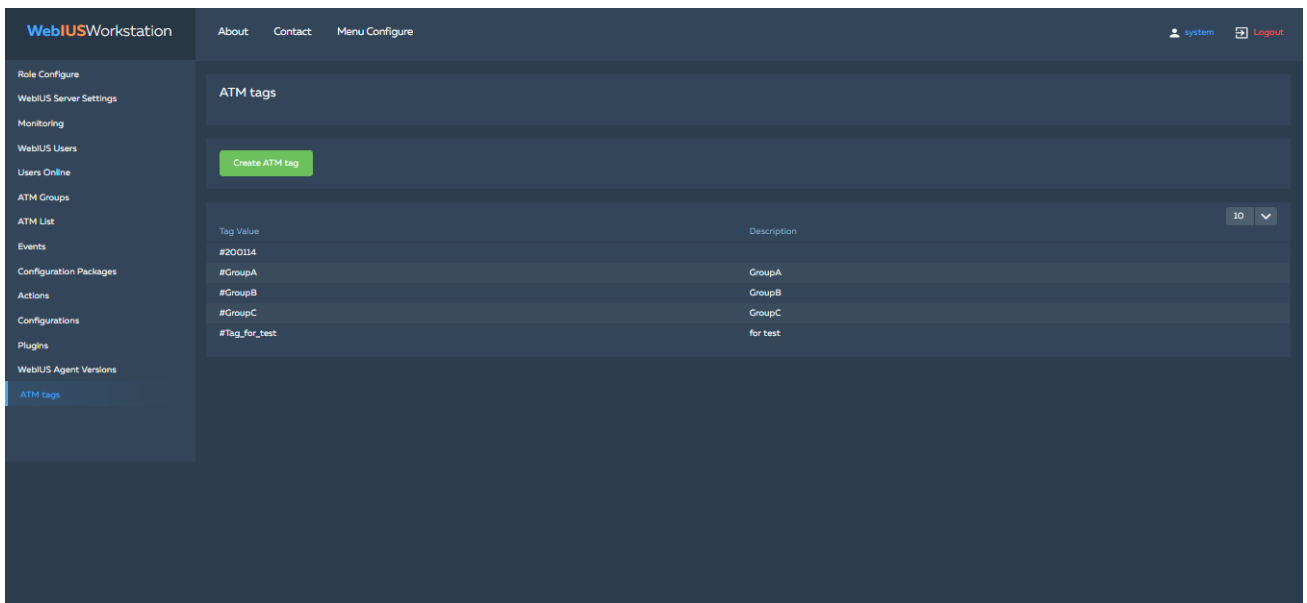


Fig. 8: «ATM tags» pag

Creating a new tag

To do this, the user should press the **«Create ATM tag»** button and fill in the fields on the opened page (see Fig. 9):

- «Tag Value»: Latin characters, maximum length 256;
- «Description»: any characters, maximum length 512c.

Then press «Create».

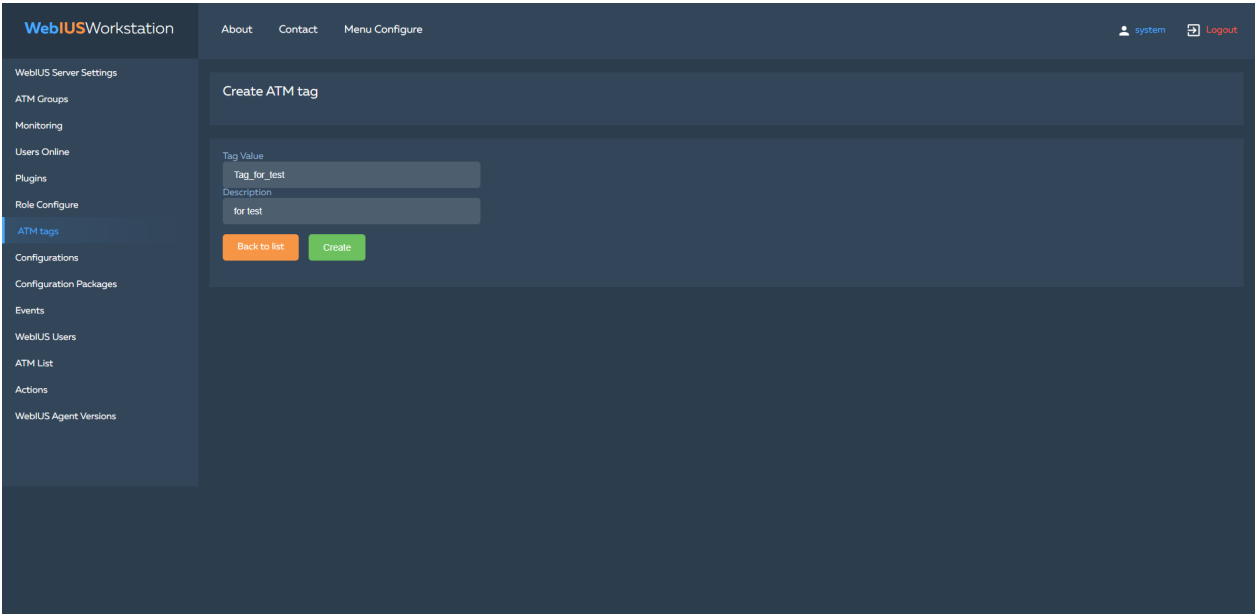


Fig. 9: Creating a tag

3.6 Configurations

The «**Configurations**» page contains a list of all configurations set in the system (see Fig. 10). The list consists of the following fields: «**Name**», «**Create date**», «**ATM count**» (the number of ATMs using the configuration), as well as «**Export**», «**Edit**», «**Info**», «**Create copy**» and «**Delete**». The button for deleting a configuration only appears if the configuration is not assigned to any device.

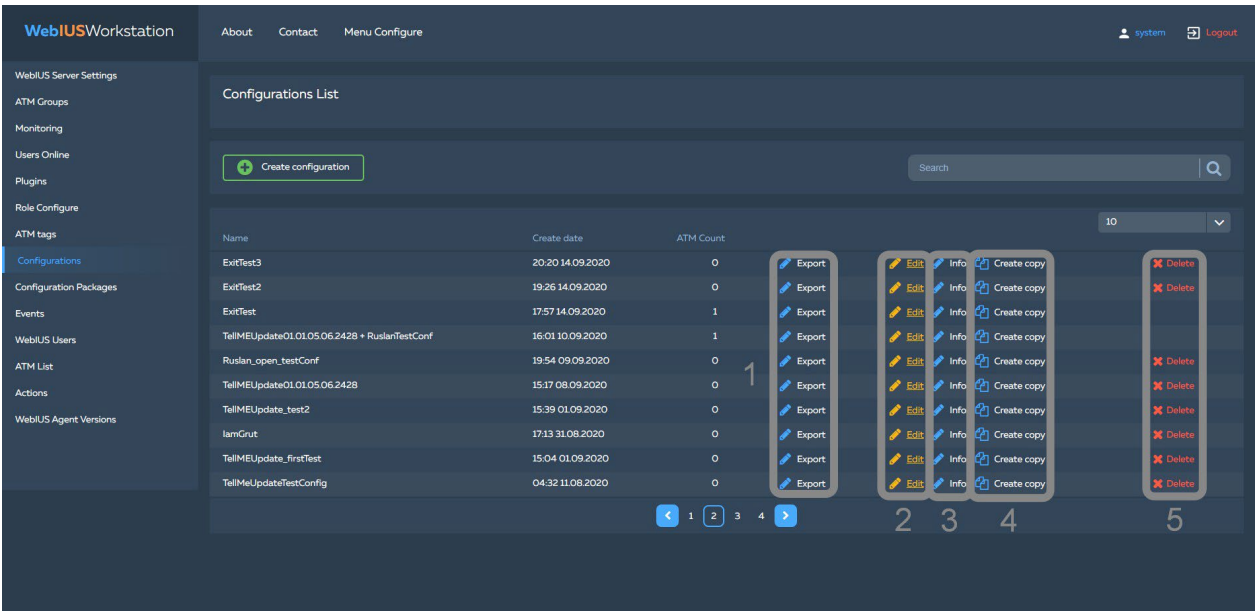


Fig. 10: Configurations page

Create a configuration

On the «**Configurations**» page, press the «**Create Configuration**» button. On the page that opens, fill in the fields (see Fig. 11).:

- «Name» field: Latin characters, maximum length 256 c.
- «Description» field (description): any characters, maximum length 512 c.
- The «Update Mode» drop-down list:
 - a. «Immediately» – «**WebIUS Updater Agent**» will start updating the ATM configuration as soon as it receives information about it being set or changed;
 - b. «In the interval of time» – «**WebIUS Updater Agent**» will only update the configuration on the ATM within the specified time interval;
- «Date of update» field is used to select the date on which «**WebIUS Updater Agent**» will start installing the configuration on the ATM. The «**WebIUS Updater Agent**» is based on the ATM's local date and time.
- «Update time interval» fields;
- «Package» drop-down list (see fig. 11 (1)). Packages will be downloaded to the device in the order in which they were added by the user to the web portal.

Then press «**Create**» (see Fig. 11(2)).

WebIUSWorkstation

About Contact Menu Configure

system Logout

WebIUS Server Settings
ATM Groups
Monitoring
Users Online
Plugins
Role Configure
ATM tags
Configurations
Configuration Packages
Events
WebIUS Users
ATM List
Actions
WebIUS Agent Versions

Create Configuration

Configure description

Name
Test_Configuration

Description
for test

Configure settings

Update Mode
Immediately

Date of update(DD.MM.YYYY):
16.10.2020

Update time interval
00:00 23:59

Back to list Create

Packages

Position	Name	Check	Edit
1	Package for test	☒	Edit

Select package to add

Package for test

Fig. 11 – Creating a configuration

Configuration export

If it is necessary to export the configuration file, the user should press the **«Export»** button corresponding to the selected configuration (see Figure 10(1)).

The file is exported in JSON format.

Configuration editing

To change the configuration settings, click **«Edit»**

(see Fig. 10 (2)) in the **«Configuration List»** menu.

On the editing page, you can change the update mode and time, as well as modify the set of configuration packages. To do this, click **«Edit»** in the **«Packages»** section and select the required package from the list.

Press **'Save'** to save the changes.

Viewing configuration information

To view this information, the user should press the **«Info»** button (see Fig. 10(3)). The selected configuration is presented in the following format:

- basic **«Configuration settings»** information (see Figure 12 (1)) which can be changed if necessary by pressing **«Edit»** (name of the configuration, description, date of creation, type of update, date and time of update);
- **«List of configuration packages»** (see Fig. 12 (2)) lists all the packages used in the configurations in the order they are loaded onto the device. Each package can be downloaded by clicking **'Download'**. To export or view information about a package, press its name.
- **«Actions before install»** list (see Fig. 12(3)) shows all the actions in the order they will be performed prior to installing a configuration on the device.
- **«Actions after install»** (Figure 12(4)) lists the actions performed after configuration installation on the device.
- **«Actions for delete»** (see Figure 12(5)) lists the actions to be performed during deletion.
- **«Actions for check»** (see Fig. 12(6)) lists the actions performed during a configuration check.

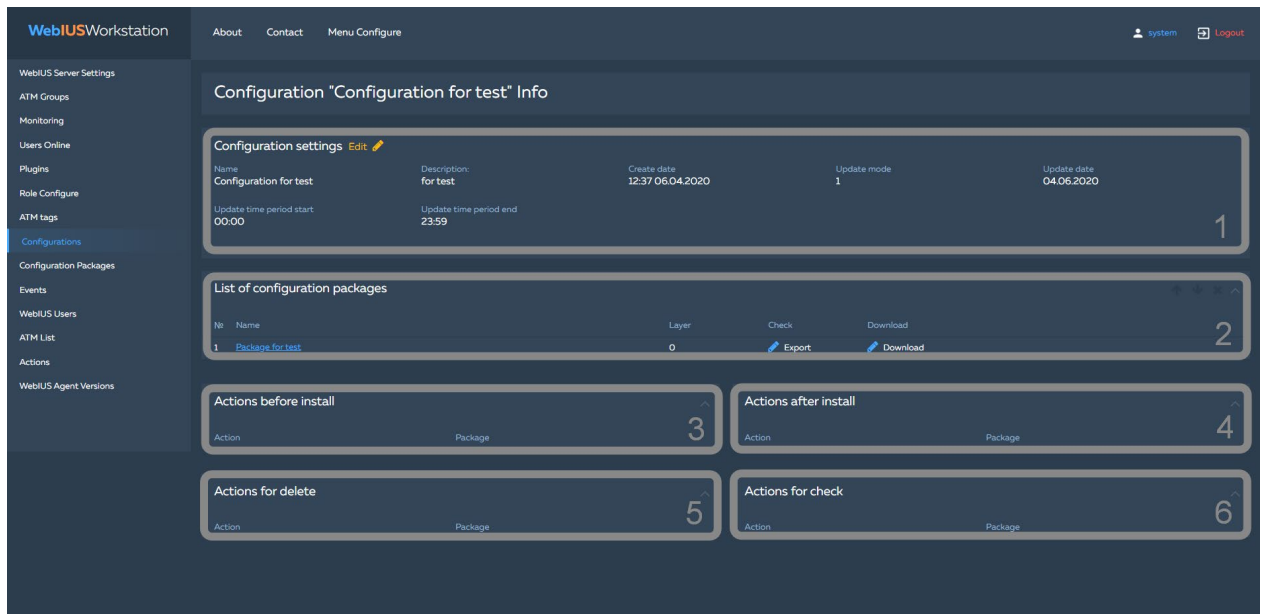


Fig. 12 - View configuration

Creating a configuration copy

To do this, go to the «**Configurations**» page and press «**Create Copy**» button (see Fig. 10(4)) located opposite the configuration to be copied. You can then change the name and description, as well as the update mode, time and package content in the «**Packages**» list. To save the changes, press «**Create**».

Deleting a configuration

You can only delete a configuration if no ATM is assigned to it. In this case, the «**Delete**» button will be displayed opposite it in the «**Configurations List**» (see Fig. 10(5)).

3.7 Configuration Packages

On the «**Configuration Packages**» page, you can find a list of all configuration packages created in the system (see Fig. 13). The list consists of the following fields: «**Name**», «**Changed**» (date and time of last changes), as well as buttons «**Download**», «**Export**», «**Edit**», «**Create copy**», «**Delete**».

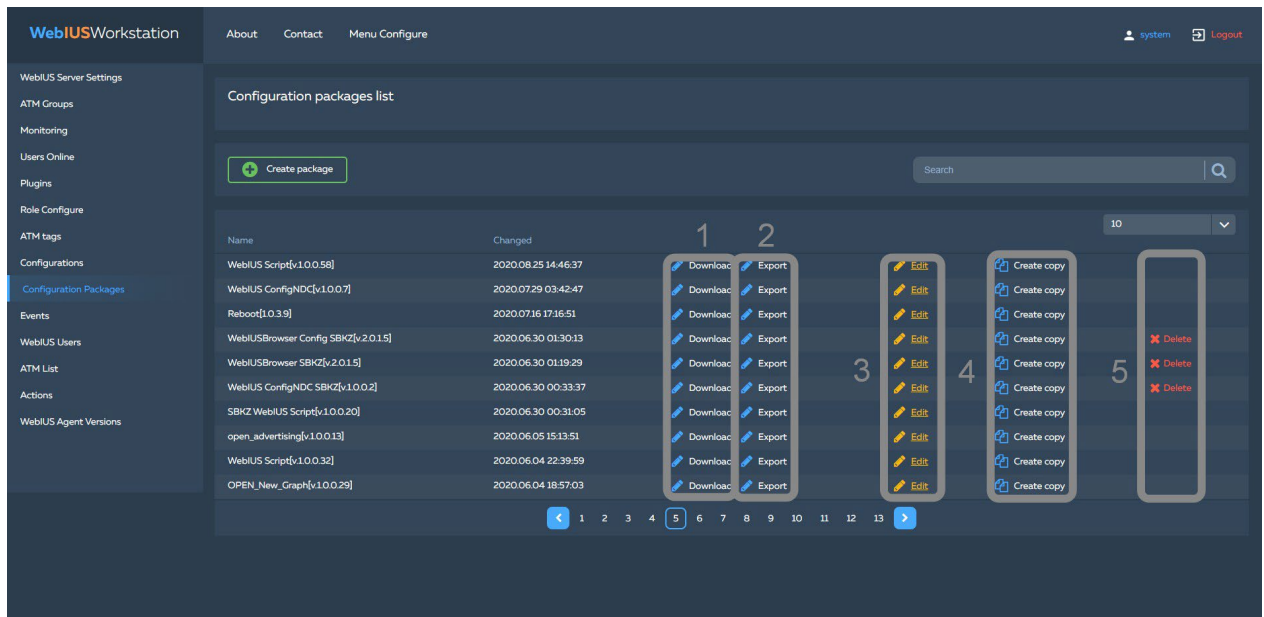


Fig. 13 - «Configuration Packages» page

Creating a configuration package

To do this, click «**Create package**» on the «**Configuration Packages**» page. On the opened «**Create configure package**» page, the user should fill in the following fields: (see Fig. 14):

- «Name» (package name) - any characters, maximum length 256c;
- «Info» (package description) - any characters, maximum length 512c;
- «File» (configuration package file): the file should be a ZIP archive containing configuration files.
- «Action list before unpacking»;
- «Action list after unpacking» list;
- «Action list for delete» list;
- Action list for check package (see Figure 14(1)).
- You then need to press «Create» (see figure 14(2)).

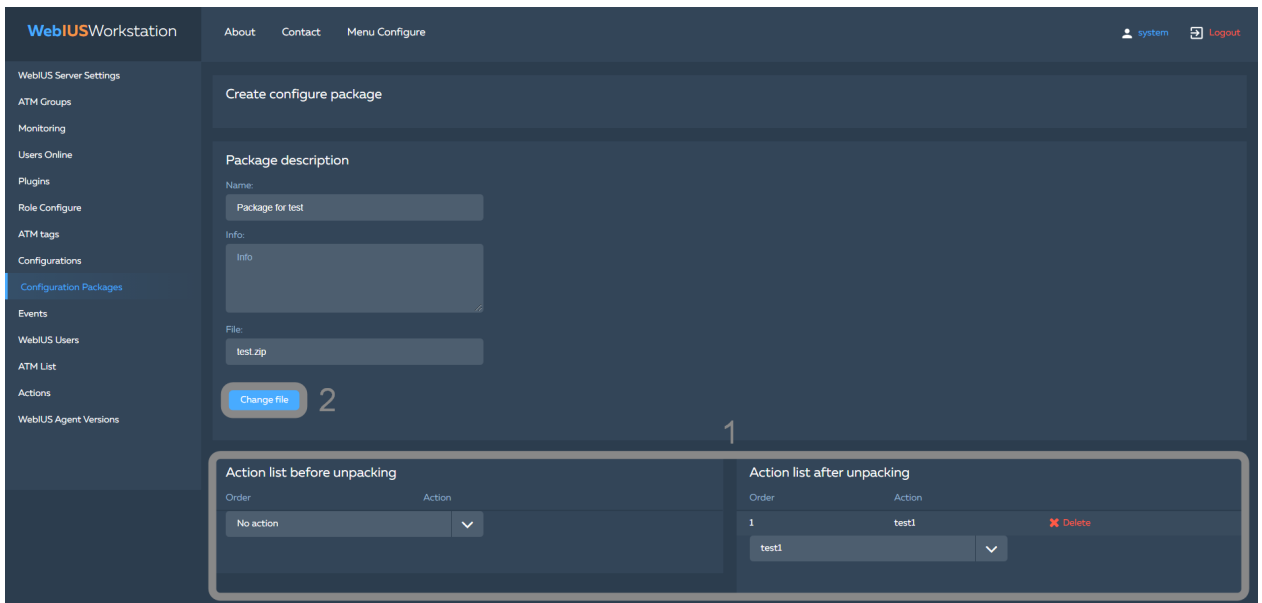


Fig. 14 - Creating a configuration package

Downloading configuration package

To download the package, the user must press the **«Download»** button (see Fig. 13(1)) on the same line as the selected package. A ZIP archive will then be downloaded to the user's device.

Exporting configuration package

The configuration package file is exported by pressing the corresponding **«Export»** button (see Fig. 13(2)). The file is exported in JSON format.

Editing configuration package

If changes are required, the user should press **«Edit»** (see Fig. 13(3)). On the **«Package edit»** page, you can edit the set of actions and modify the package file. To add a new action, select it from the drop-down list. To delete an action, press **«Delete»**. You can modify the package file by clicking **«Change Package File»**.

After editing the action set, click the **«Save»** button. When changing the package file, click **«Save File»**.

Creating a copy of the configuration package

To do this, click **«Create Copy»** (see Figure 13(4)) on the same line as the selected package.

On the opened page, fill in the **«Name»** field with the new version of the package. Press **«Upload File»** and select the required package file. Finish creating the copy by pressing **«Create»**.

Deleting a configuration package

If the package is not used in any configurations, the «**Configuration packages list**» will be displayed with a «**Delete**» button opposite it (see Fig. 13(5)). Otherwise, the button will not be displayed.

3.8 Events

The «**Events**» page displays a list of ATMs from which new messages were received (see Fig. 15).

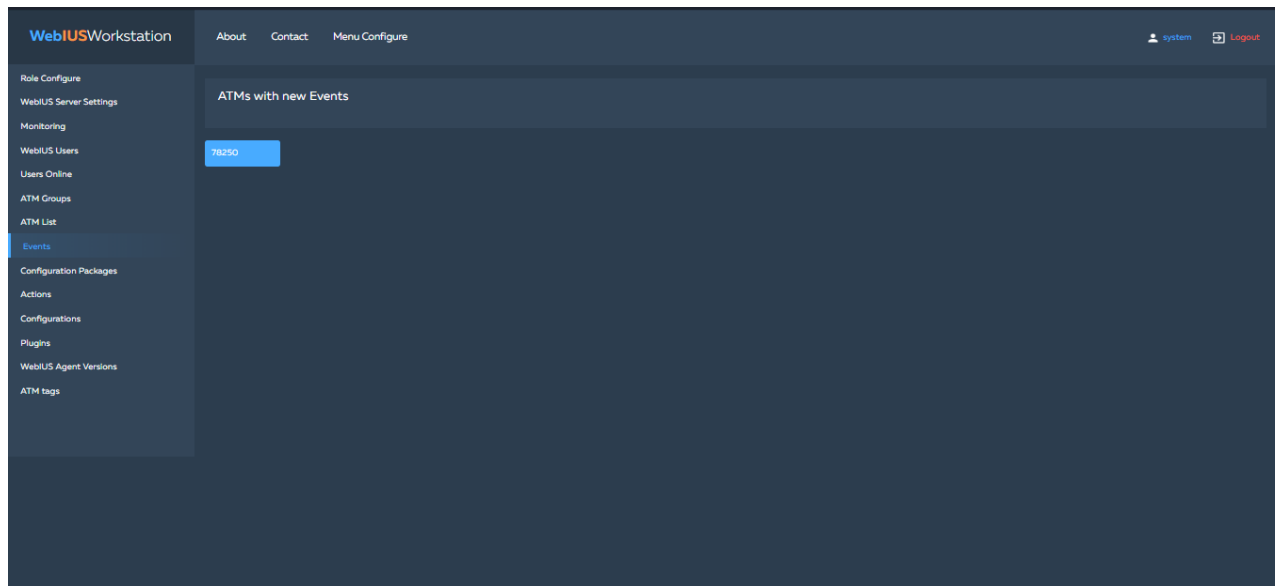


Fig. 15: «Events» page

View Events

Pressing the tile with the device ID will direct you to the selected ATM's monitoring page «**ATM Condition**» (see Fig. 3).

3.9 Monitoring

This page shows the status of all the ATMs registered in the system (see Fig. 16). All information comes from the «**WebIUS Updater Agent**» which is installed directly on the devices.

The '**General State**' section contains:

- «Date» field (current date);
- «Time» field (current time);
- «Online ATM» field (number of active ATMs);
- «Offline ATM» field (number of inactive ATMs);
- «Warning ATM» field (number of ATMs requiring operator attention);
- A circular diagram that visually reflects the number of active/inactive/ATMs with error (green/red/yellow, respectively) as a percentage.

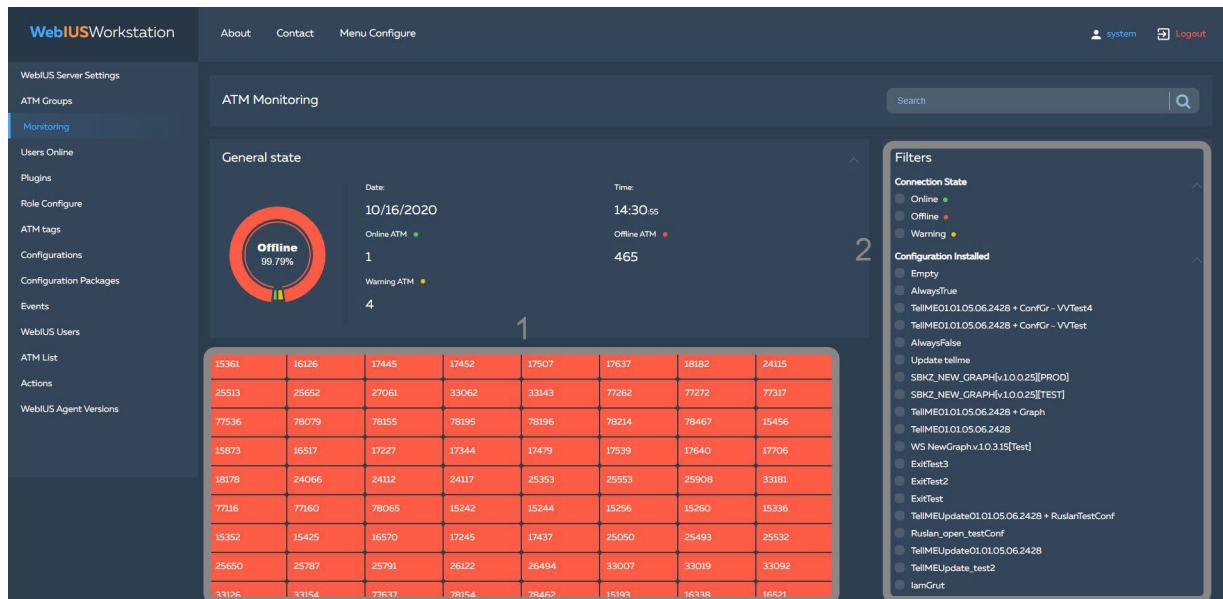


Fig. 16 - page «Monitoring»

A field below shows all the ATMs that have been registered in the system and submitted data at least once (see Fig. 16(1)).

Devices are shown in the form of tiles painted a certain colour depending on the device's state. Green means that the ATM has provided information within the last 5 minutes. Red indicates that information from the ATM has not been received for more than five minutes.

To view the ATM status, the user can press the tile with the device ID to go to the «**ATM Condition**» page.

ATM filtering

It is recommended that users search for devices based on a specific feature using filters (see Fig. 16(2)). In the «**Workstation**» section, there are ATM filters such as: «**Connection State**», «**Configuration Installed**», «**Configuration Assigned**», «**Updater Version**».

3.10 Plugins

The «**Plugins**» page displays information about the plugins in the system (see Fig. 17). The page contains a list of plugins with the following fields: «**Name**», «**File Name**», «**Type**», «**Download**», «**Export**», «**Edit**».

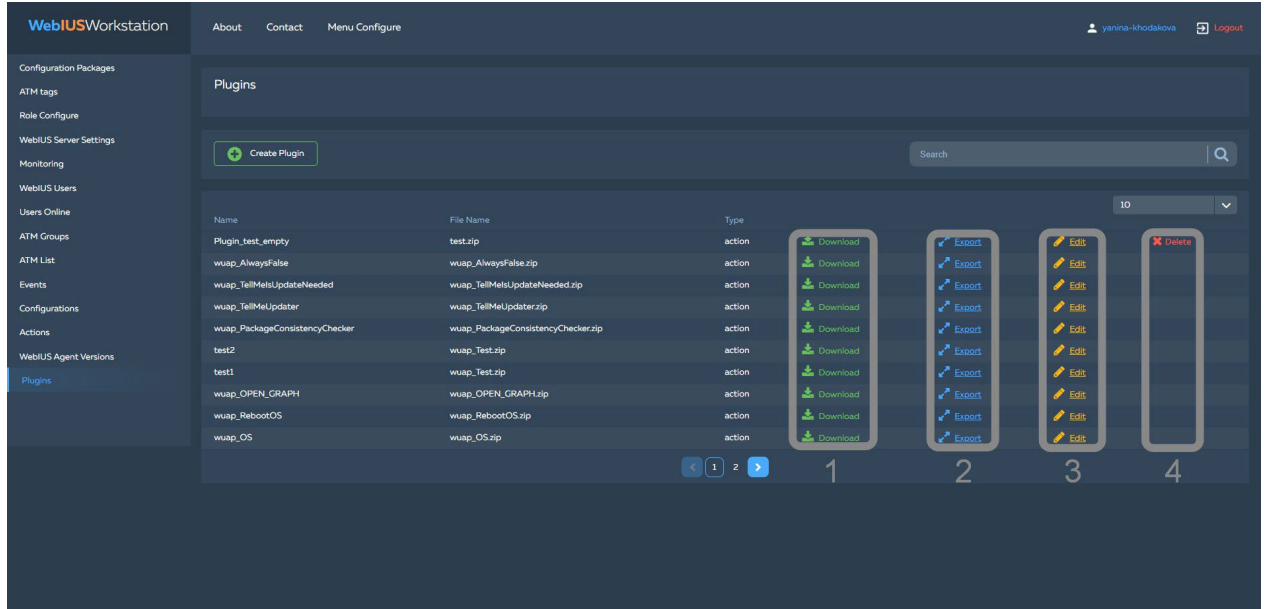


Fig. 17: «Plugins» page

Adding a new plugin

To add a new plugin, the user should press «Create plugin». On the opened page, the user needs to fill in the fields (see Fig. 18):

- «Name» field (plugin name): Latin characters only, maximum length 256c;
- § «Type» field (plugin type):
 - a. «action» - plugins for «**WebIUS Updater**»;
 - b. «report» - plugins for uploading reports on payments from «**WebIUS ECP**».
- «Plugin file» field.

You can also create a template. To do this, fill in the «Template name» and «**Template action value**» fields, then press «**Create template**» (see fig. 18 (1)).

To save the changes, press «**Create**» (see Fig. 18(2)).

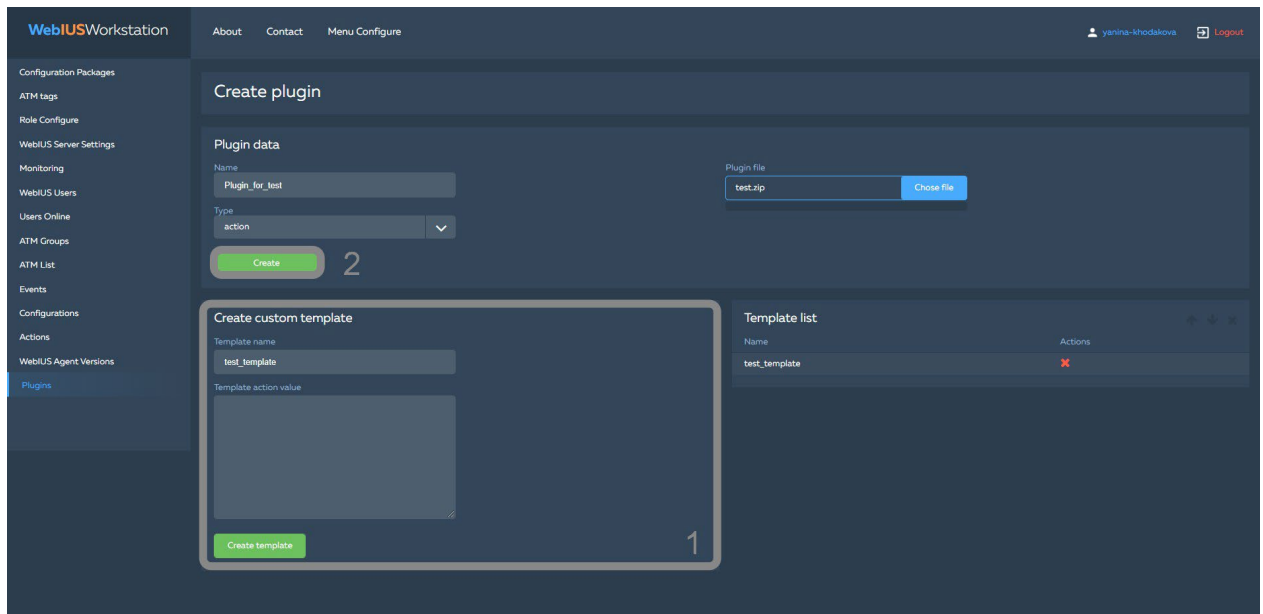


Fig. 18 - Creating a plugin

Plugin download

If you need to download the plugin file, press the «**Download**» button (see Figure 17(1)), which is located on the same line as the selected plugin. The user can also download the plugin.

Plugin export

The plugin file is exported by pressing the corresponding «**Export**» button (see Fig. 17(2)).

Plugin editing

To change the plugin settings, press «**Edit**» (see Fig. 17(3)). On the «**Edit plugin**» page that opens, the user can load a new plugin file, edit or remove an old template, and create a new one.

Deleting a plugin

If the plugin is not being used anywhere, a «Delete» button will appear next to it in the «**Plugins**» list (see Fig. 17(4)). Pressing this button will delete the plugin. Otherwise, the button will not be displayed.

3.11 Role Configure

On the «**Role Configure**» page, the «**Roles list**» shows all the roles set in the system (see Fig. 19). The list consists of the following fields: «**Name**», «**Description**», «**Users count**» (the number of users under this role).

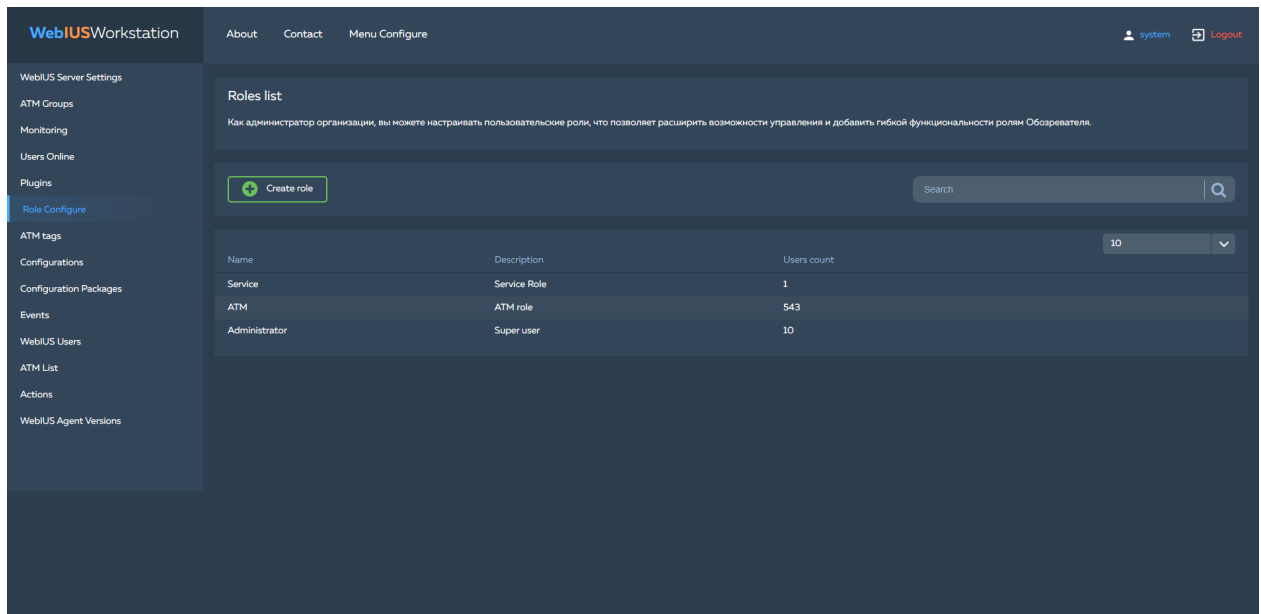


Fig. 19: 'Role Configure' page

Creating a new role

To create a new role, the user should press **«Create role»** (see Fig. 20). On the opened page, fill in the fields (see Fig. 20):

- «Role Name» field - Latin characters, maximum length 256c;
- «Description» field - any characters, maximum length 512c;
- «Minimum password length» field;
- «Password expiration (days)» field: the default value is '0', which means the password never expires.
- «Reset password on first login» - on/off button to indicate whether the password should be changed upon first login with this assigned role.
- 'Privilege list' (list of privileges available for this role)
(see Figure 20(1)).

Then press **'Create'** (see Fig. 20(2)).

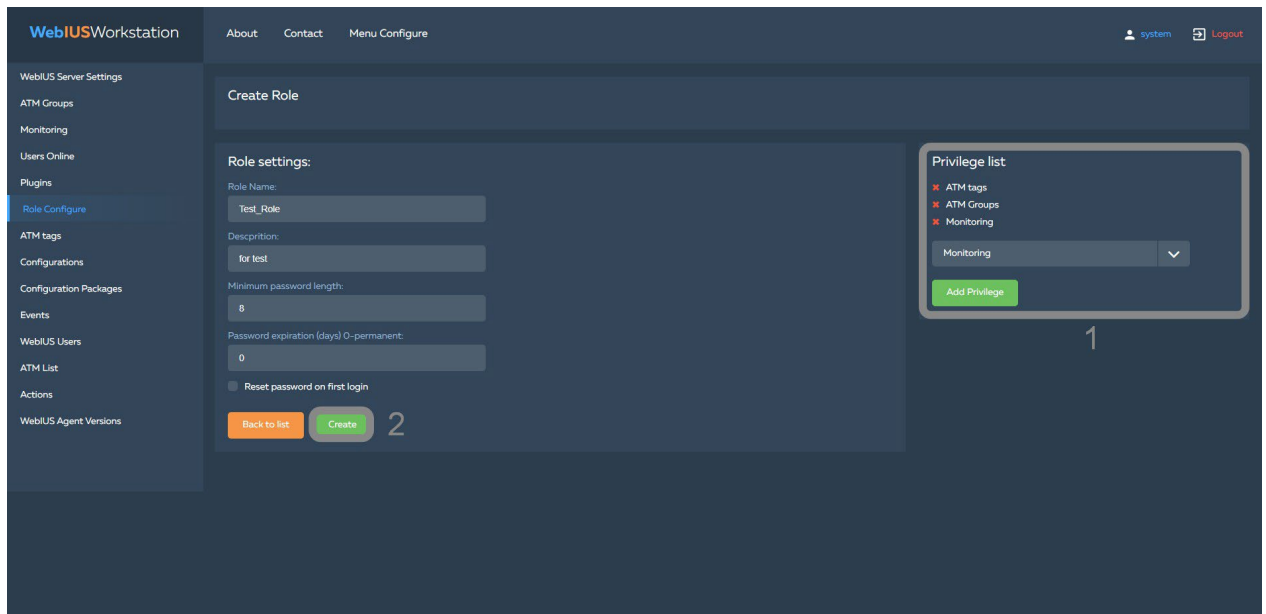


Fig. 20 - Creating a role

3.12 Users Online

The «**Users Online**» page contains a list showing information about users currently connected to the system (see Fig. 21).

The list consists of the following fields: «**Name**» (user name), «**IP**» (user device IP address), «**Port**», «**Role**» (user role), «**Last action**» (time of last user activity), «**Disconnect**» button (interrupt user session).

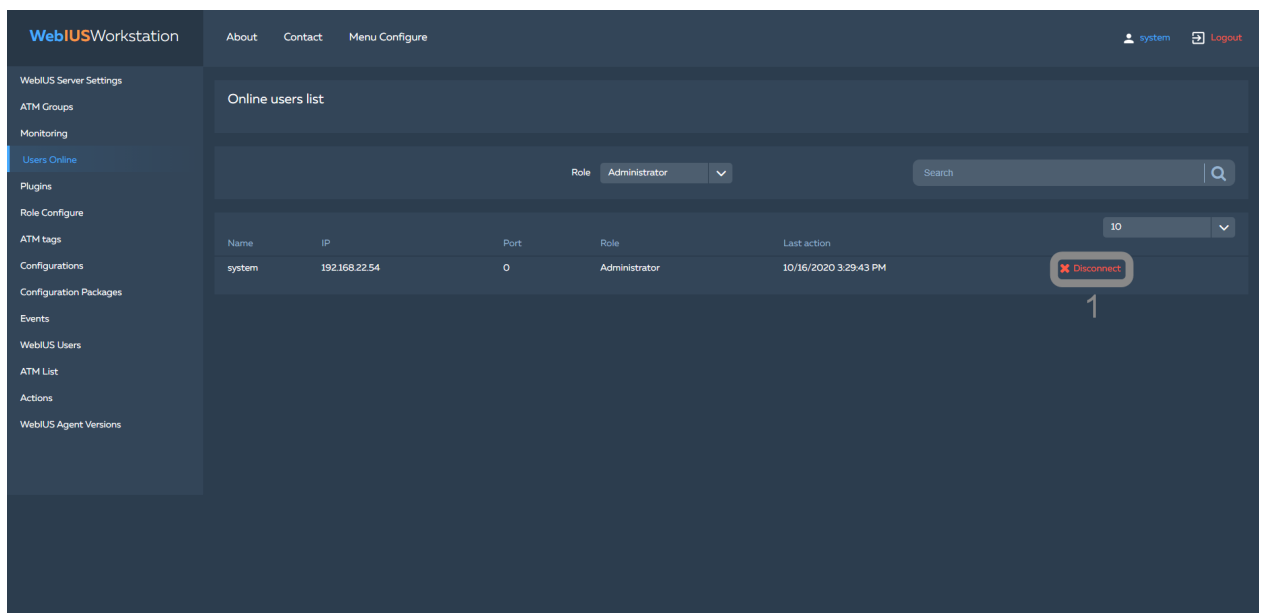


Fig. 21: «Users Online» page

User session interruption

If it is necessary to disconnect a user from the system, the administrator should press the «**Disconnect**» button (see Fig. 21(1)), which is located on the same line as the user whose session is to be interrupted.

3.13 WebIUS Agent Versions

The page contains a list of all installed versions of the «**WebIUS Updater Agent**» (see Fig. 22). The list consists of the following fields: «**version**» (version number), «**info**» (information), «**Download**» button (download version), «**Set current**» button.

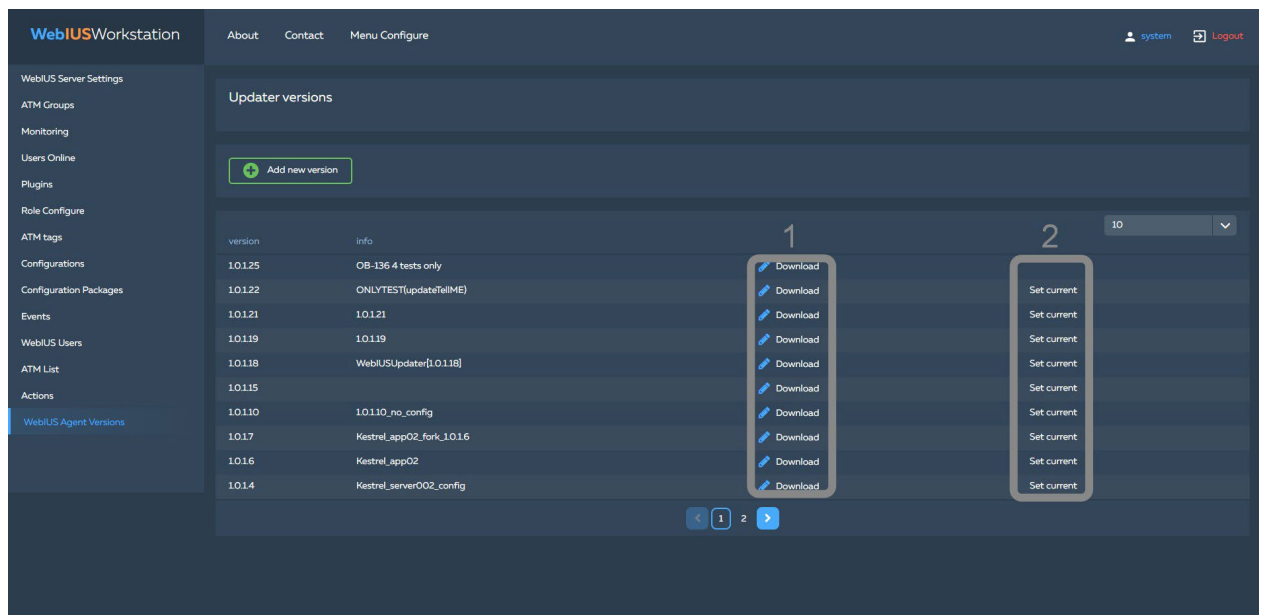


Fig. 22: WebIUS Agent Version Page

Adding a new Updater version

To create a new version, the user should press «Add new version» button. On the opened «**Add Updater Version**» page, the user needs to fill in the fields (see Fig. 23)::

- «version» (version name) - format «d.d.d.d»
- «info» (information) - any characters, maximum length 512c;
- «Updater Archive» (the field for the Updater Agent version archive)

Once you have completed the process of creating a new update version, press «**Add to server**» (see fig. 23 (1)).

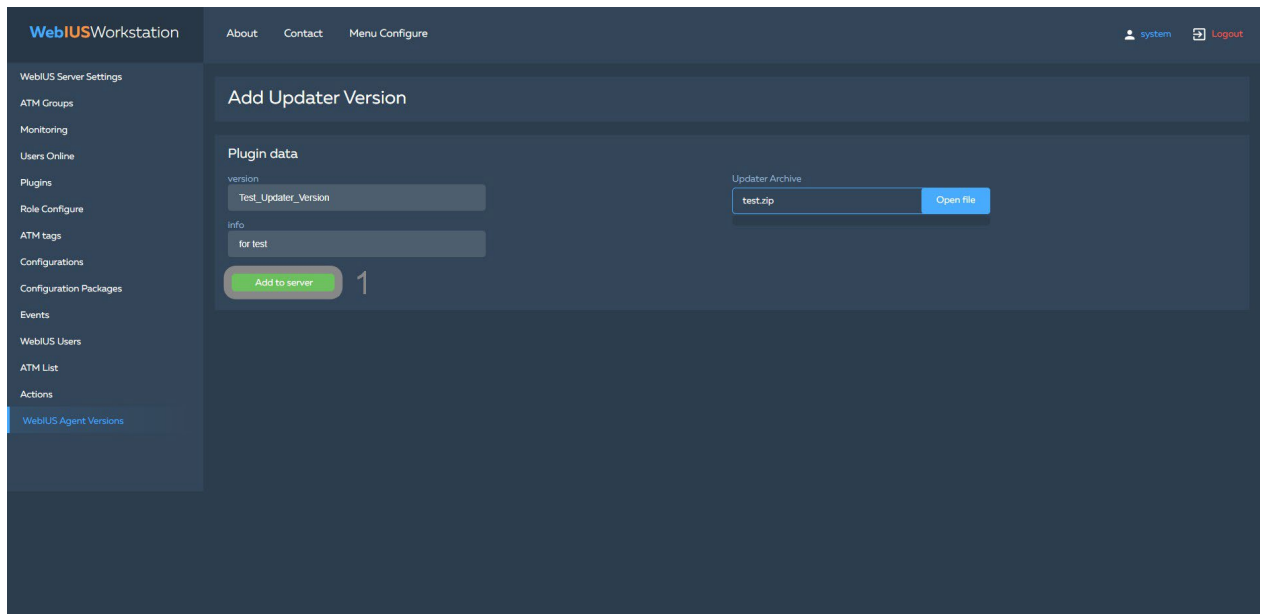


Fig. 23: Adding a new WebIUS Agent version

Downloading the Updater version

If the user needs to download the version, they should press the corresponding «**Download**» button (see Fig. 22(1)). A ZIP archive will then be downloaded to the user's device.

Setting the current Updater version

To set the current version for all agents in the «**WebIUS**» system, the user needs to press the «**Set current**» button (see Fig. 22(2)).

3.14 WebIUS Server Settings

The page displays the current global server settings (see Fig. 24). These settings cannot be changed.

The page shows the following settings (see Fig. 24(1)):

- «Option» field (name);
- «Value» field;
- «Info» field (description);
- «Change » button.

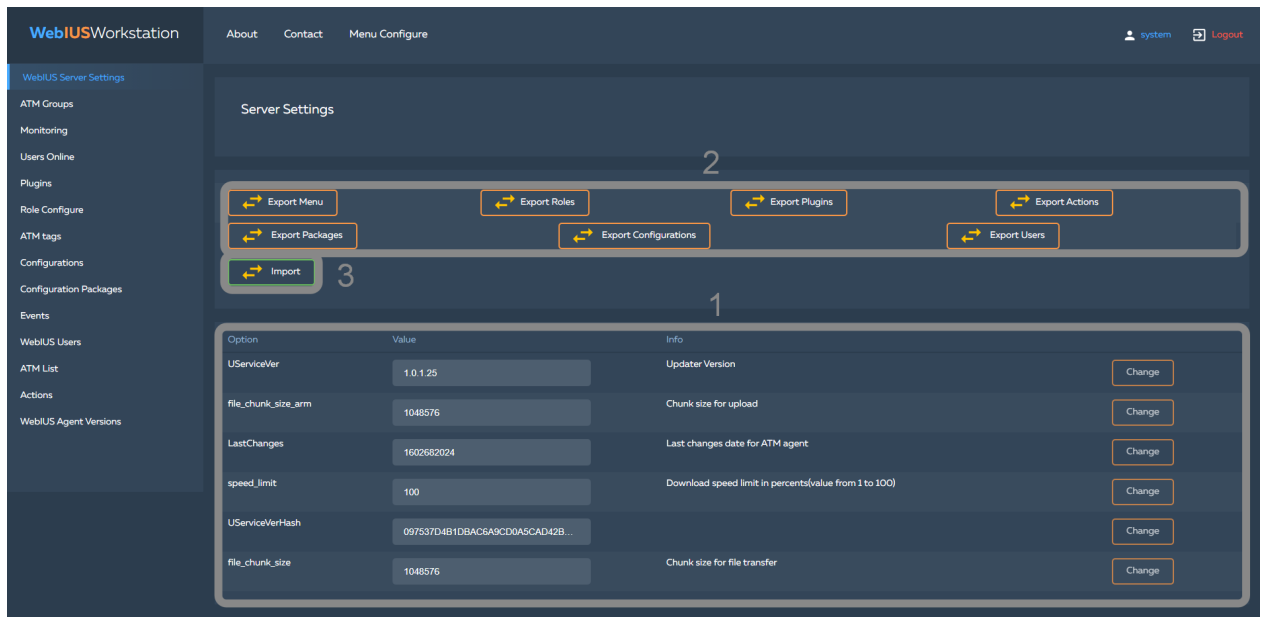


Fig. 24: The «WebIUS Server Settings» page

Parameter export

To export the system parameters, the user should press one of the **«Export»** buttons on the page (see Fig. 24(2)).

The file is exported in JSON format.

Parameter import

To import parameters, press the **«Import»** button (see Fig. 24 (3)).

In the window that opens, select::

- **«Import Entity»** (import object) - selection of objects set in the system;
- **«Import Mode»:**
 - **«Only add»** to add elements. If the elements are present in the system, the elements in the import file are not replaced.
 - **«Upsert»** – replacing existing elements;
 - **«Import file».**

Then press the **«Upload»** button.

▪

3.15 WebIUS Users

The page contains a list of all existing users in the system (see Fig. 25). The list consists of the following fields: **«Name»**, **«Info»**, **«Registration date»**, **«Expiration date»**, **«State»**, **«Edit» button**, **«Block» button**.

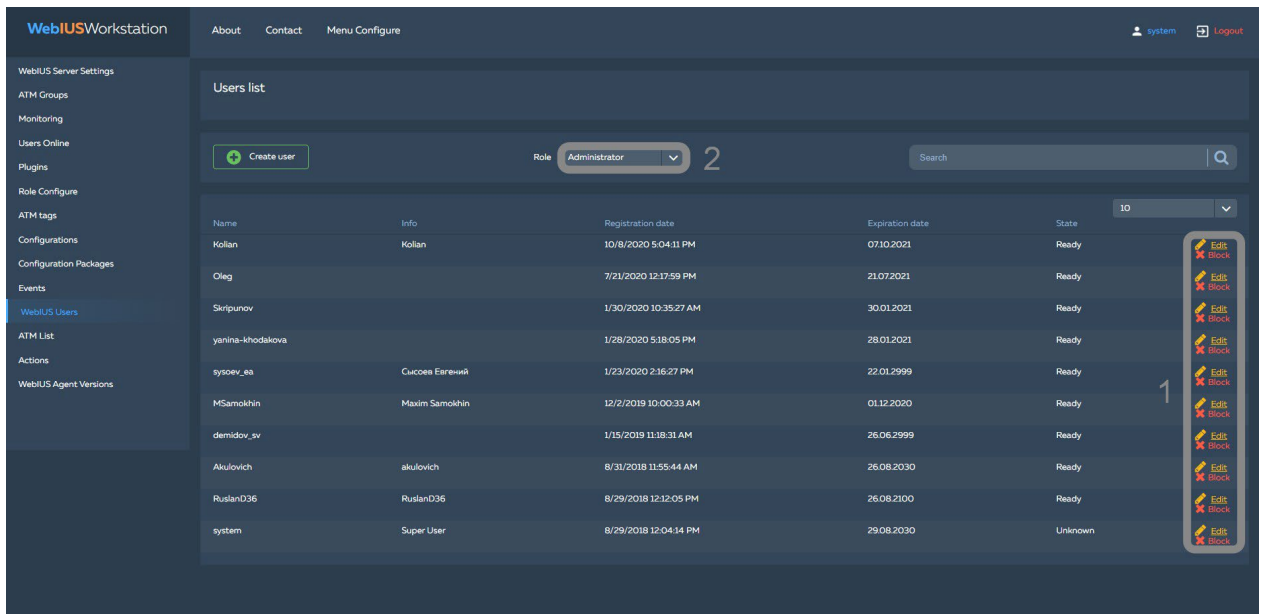


Fig. 25: The «WebIUS Users» page

Creating a new user

If you need to create a new user, press the **«Create user»** button and fill in the fields on the page that opens (see Figure 26):

- «Name» field - numbers and Latin characters, maximum length 256c;
- «Info» field (user information) - any characters, maximum length 512c;
- «State» drop-down list (user status):
 - a. «Ready» – the user has access to the system.
 - b. «Blocked» – system access is suspended until unblocked.
 - c. «Deleted» – access to the system is suspended and user data is saved to ensure the integrity of the system audit.
- The «Expiration date» field is used to select the end of the user's validity. On the specified date, the user's status will change to 'Blocked'.
- The «Role» drop-down list (user role);
- The «authType» drop-down list (type of authentication):
 - a. «Windows» – login/password authorisation, the information about which is stored in Active Directory;
 - b. «Login/Password» – authorisation through login/password, the information about which is stored in the database.
- «Password» field - any characters, must not be shorter than the password for the selected role;
- «Confirm password» field.

Then press the **«Create»** button (see Fig. 26(1)).

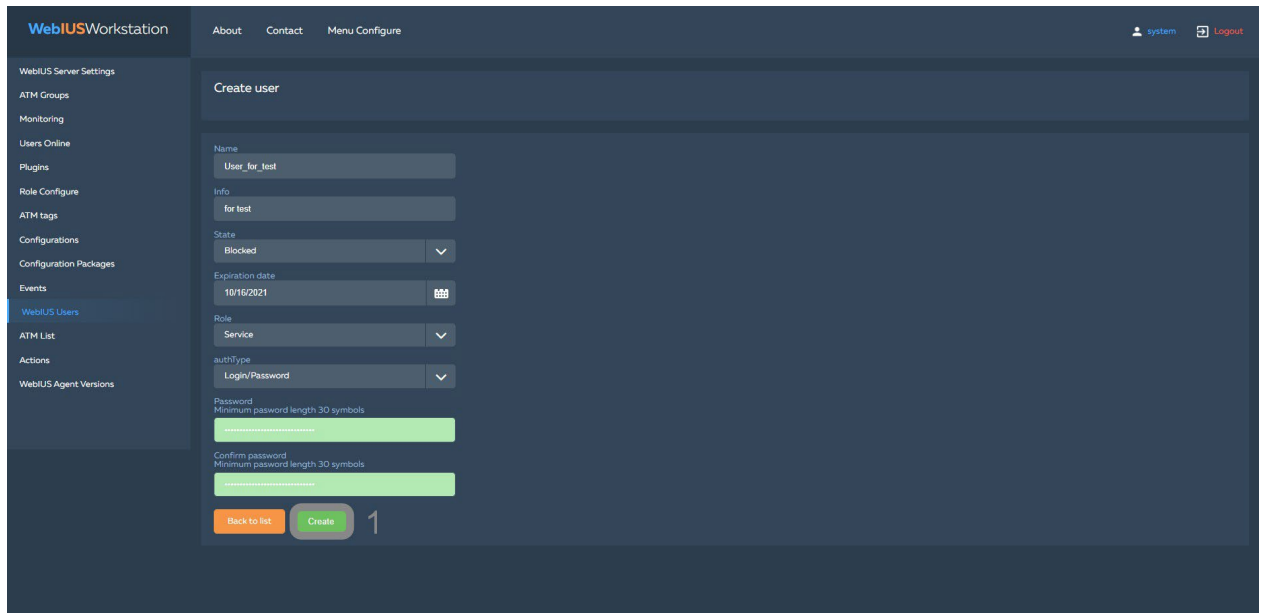
The screenshot shows the 'WebIUSWorkstation' interface. On the left is a sidebar menu with options like 'WebIUS Server Settings', 'ATM Groups', 'Monitoring', 'Users Online', 'Plugins', 'Role Configure', 'ATM tags', 'Configurations', 'Configuration Packages', 'Events', 'WebIUS Users' (highlighted), 'ATM List', 'Actions', and 'WebIUS Agent Versions'. The main area is titled 'Create user'. It contains several input fields: 'Name' (with 'User_for_test' entered), 'Info' (with 'for test' entered), 'State' (a dropdown menu set to 'Blocked'), 'Expiration date' (with '10/16/2021' entered and a calendar icon), 'Role' (a dropdown menu set to 'Service'), and 'authType' (a dropdown menu set to 'Login/Password'). Below these are two password fields: 'Password' and 'Confirm password', both with a note 'Minimum password length 30 symbols'. At the bottom are two buttons: 'Back to list' (orange) and 'Create' (green). A small '1' is visible next to the 'Create' button.

Fig. 26 - Creating a user

User editing

To modify the data, press the **«Edit»** button located on the same line as the user to be changed (see Fig. 25(1)). The following items are available for editing on the opened page: «Info», «State», «Expiration date», «Registration date», «Role». On the **«Edit user»** page, you can also change the user's password by clicking on **«Change password»** and filling in the fields labelled «Password» and «Confirm password».

User blocking

To block a user, press the corresponding **«Blocked»** button (see Fig. 25(1)). The **«Delete»** button will then appear.

The blocked user will not be able to log in.

Deleting a user

You can only delete a user if their status is **«Blocked»**.

Active users management

To view and manage online users, go to the «Users Online» page (see paragraph 3.2.12).

User filtering

On the **«WebIUS Users»** page, you can filter users by role.

To apply the filter, press the «Role» list (see Fig. 25(2)) and select the desired role.