Application Token Manager

A convenient tool
for creating and managing electronic keys

Token Manager

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wialon
operator

Token Manager: briefly about the application

Token Manager creates unique keys (tokens) for remote authorization at the request of the user.

What is a token?

This is a unique key that replaces the old form of authorization (login-password) for organizing limited, partial or temporary access.

The token preserves the confidentiality of information, thanks to the application there is no need to constantly transfer passwords and logins.
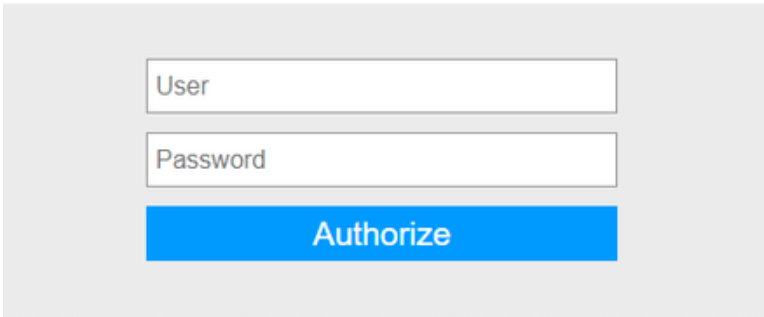
Working with the service, you have the opportunity to authorize Wialon monitoring with an ERP or 1C system.

Tokens can be with different levels of access rights, for any application.

Authorization

To start working with Token Manager please, follow this link.

Before you start working with the app, you must get authorized. To do this, please, enter your Wialon login and password. If you do not have this information, please, contact Wialon Operator's sales or technical support department.
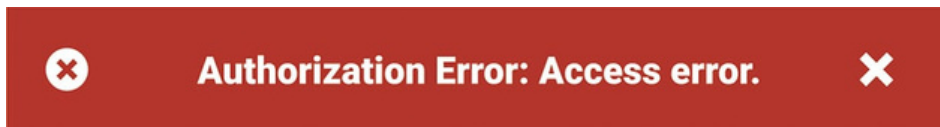

If authorized, will obtain full access to your account.

Token Manager: authorization

If the following information is displayed as a result of your authorization attempts:

please, contact Wialon Operator's technical support department.

If your authorization attempt is successful, a table with a list of existing tokens will be displayed. Token Manager enables working with multiple tokens and allows to delete one, several, or all tokens at once.

Token Manager: creating a token

Creating a token

Initially, we select a user from the general list for whom we need to create a token.

If you have logged in under the top account, then all lower-level users will be available to you, including their tokens (in accordance with the Wialon hierarchy).
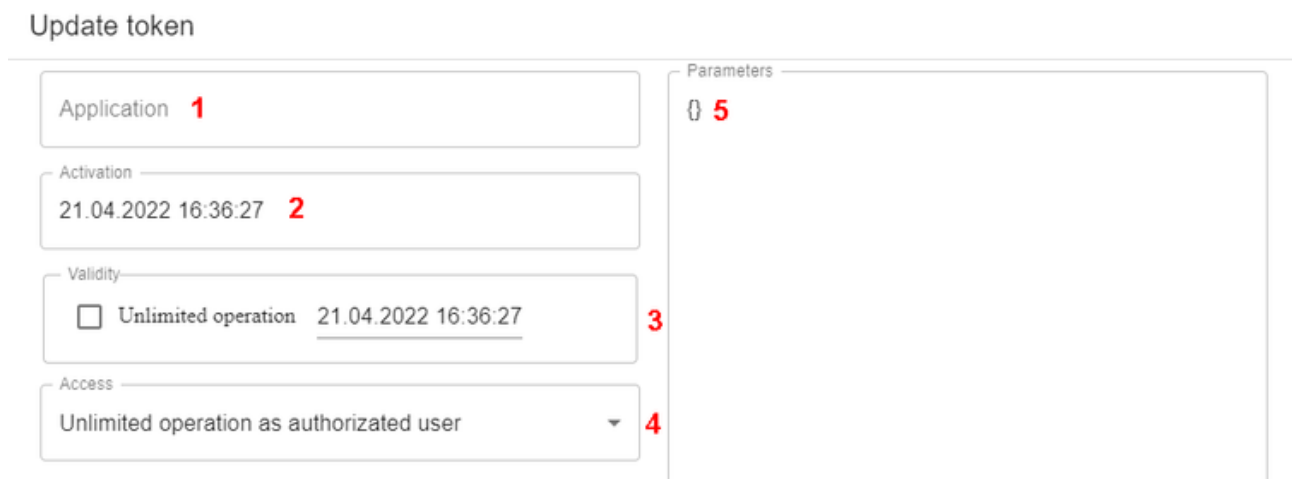
Let's see how it works at the example of our demo user - demo-belarus.

We enter the demo-belarus username into the search bar. Now Token Manager will filter all tokens and display the list of tokens of the demo-belarus user only. By clicking the ⊕ icon, we create a token specifically for demo-belarus. It works similarly for other users of the Wialon monitoring system.

After we click the icon ⊕ a window with detailed token settings will open.

Token Manager: creating a token

Working with fields

"Application" field (1)

Please, enter the name of the token here. For which application/project would you like to use it?

"Activation" field (2)

Specify the date and time when the token must be activated.

"Validity period" field (3)

You can tick the Unlimited box. In that case the token will stay active for unlimited time. Otherwise, you can set the validity period for the token by specifying its termination date and time.

Attention: if the token remains inactive for 100 days, it will be deleted automatically.

"Validity period" field (4)

All possible access rights are taken from here.
Each block contains a table that shows how token flags and access rights flags correlate.
For more details, please, address the specified documentation.

"Parameters" field (5)

This is a custom field. It means that the developer (programmer) can put any parameter or array of objects in this field and pass it along with the token body for authorization by the user. Further, this custom parameter can be used for comparison or verification. Developers can find detailed guidelines on creating, editing, and deleting tokens here.

Click the "Next" button.

Token Manager: creating a token

"Type" field (6)

The following search criteria exist:

- all;

- units;

- groups of units;

- outside groups;

- resources.

Each criterion described provides access to certain elements of the system and allows to perform permitted actions on them. Access rights apply to macro- and microelements of the Wialon monitoring system. More details on access rights are available here.

Token Manager: creating a token

"Search" field (7)

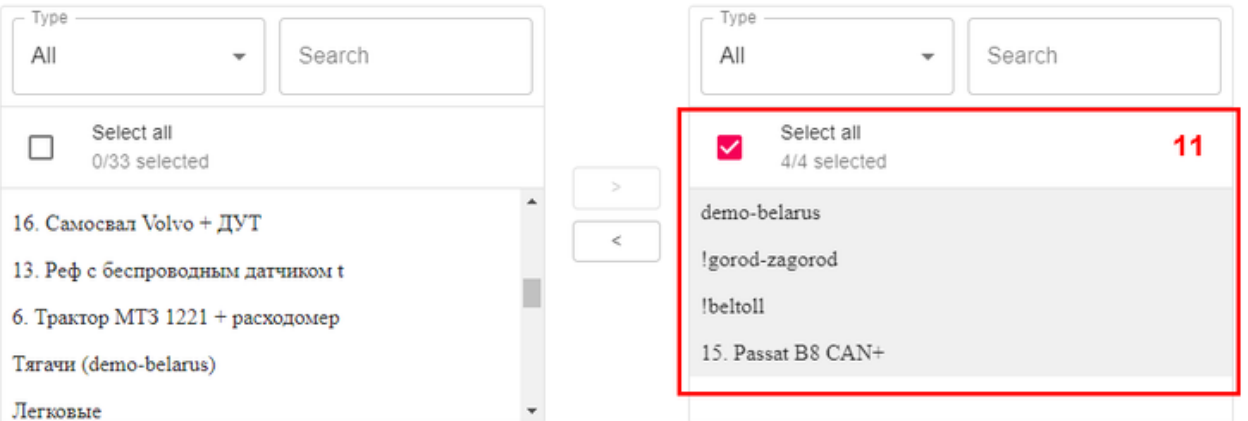Dynamic search for macro- and microelements in the system.

"List of available system elements" field (8)

Generation of this list depends on access rights of the authorized user of Token Manager.

To generate a token with the necessary elements, select them in the field on the left (field 8) and move them to the field on the right (field 11, see the screenshot below) by clicking the right arrow. $\boxed{>}$

To remove elements, do the opposite: select items in field 11 and click the left arrow. $\boxed{<}$
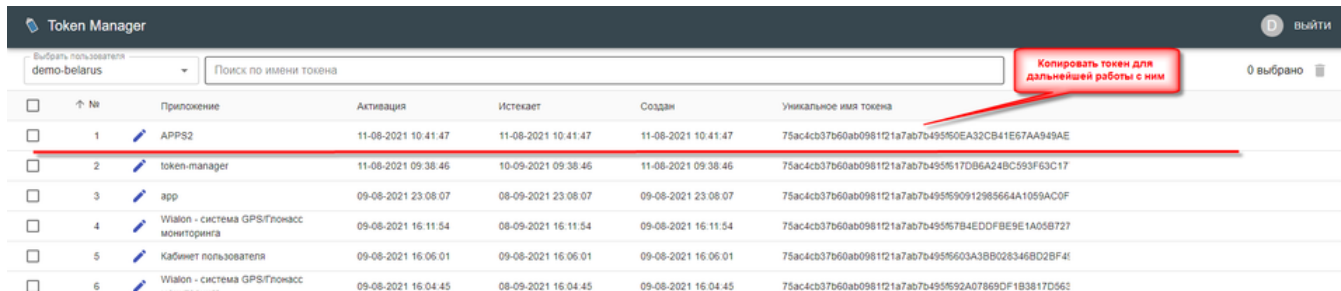

Next, select the "Create" button.

Token Manager: создание токена

When the token is created, you can find it in the summary table. To continue working with the new token, copy it. See the screenshot below.

The Token Manager application is a convenient tool for creating electronic keys that will help you protect your data and control access to information.