

user.login

Description

string/object `user.login(object parameters)`

This method allows to log in to the API and generate an authentication token.

When using this method, you also need to do [user.logout](#) to prevent the generation of a large number of open session records.

Parameters

This method is available to unauthenticated users and must be called without the `auth` parameter in the JSON-RPC request.

(object) Parameters containing the user name and password.

The method accepts the following parameters.

Parameter	Type	Description
password (required)	string	User password.
user (required)	string	User name.
<code>userData</code>	flag	Return information about the authenticated user.

Return values

(string/object) If the `userData` parameter is used, returns an object containing information about the authenticated user.

Additionally to the [standard user properties](#), the following information is returned:

Property	Type	Description
<code>debug_mode</code>	boolean	Whether debug mode is enabled for the user.
<code>gui_access</code>	integer	User's authentication method to the frontend. Refer to the <code>gui_access</code> property of the user group object for a list of possible values.
<code>sessionid</code>	string	Authentication token, which must be used in the following API requests.
<code>userip</code>	string	IP address of the user.

If a user has been successfully authenticated after one or more failed attempts, the method will return the current values for the `attempt_clock`, `attempt_failed` and `attempt_ip` properties and then reset them.

If the `userData` parameter is not used, the method returns an authentication token.

The generated authentication token should be remembered and used in the `auth` parameter of the following JSON-RPC requests. It is also required when using HTTP authentication.

Examples

Authenticating a user

Authenticate a user.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "user.login",
  "params": {
    "user": "Admin",
    "password": "zabbix"
  },
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": "0424bd59b807674191e7d77572075f33",
  "id": 1
}
```

Requesting authenticated user's information

Authenticate and return additional information about the user.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "user.login",
  "params": {
    "user": "Admin",
    "password": "zabbix",
    "userData": true
  },
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
```

```
"result": {
  "userid": "1",
  "alias": "Admin",
  "name": "Zabbix",
  "surname": "Administrator",
  "url": "",
  "autologin": "1",
  "autologout": "0",
  "lang": "ru_RU",
  "refresh": "0",
  "type": "3",
  "theme": "default",
  "attempt_failed": "0",
  "attempt_ip": "127.0.0.1",
  "attempt_clock": "1355919038",
  "rows_per_page": "50",
  "debug_mode": true,
  "userip": "127.0.0.1",
  "sessionid": "5b56eee8be445e98f0bd42b435736e42",
  "gui_access": "0"
},
"id": 1
}
```

See also

- [user.logout](#)

Source

CUser::login() in *frontends/php/include/classes/api/services/CUser.php*.

From:

<https://www.zabbix.com/documentation/4.0/> - **Zabbix Documentation 4.0**

Permanent link:

<https://www.zabbix.com/documentation/4.0/manual/api/reference/user/login>

Last update: **2019/02/04 15:07**

