

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. Unused for HTTP authentication.
user (required)	string	User name.
<code>userData</code>	flag	Return information about the authenticated user.

When using HTTP authentication, the user name in the API request must match the one used in the Authorization header. The password will not be validated and can be omitted.

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*.

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