

0.3

MetaAccess

PHP Example Application

OPSWAT.

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1 PHP EXAMPLE APPLICATION

1.1 Requirements

You will need PHP and Apache web server installed and you will also need to have OPSWAT Account to obtain access to our MetaAccess APIs.

- PHP
- Apache server
- OPSWAT Account([register here](#))
- Register your application on [MetaAccess APIs](#)
- Knowledge of [OAuth 2.0](#)

1.2 Register your sample application

Before you will be able to run OPSWAT MetaAccess sample application you have to register new application on [OPSWAT MetaAccess APIs](#).

To register your application follow this process:

1. Go to [OPSWAT MetaAccess APIs](#)
2. Click on **Log in** button in top-right corner (you will be redirected to <https://go.opswat.com/idp/login>)
3. Fill in your email and password and click on **Sign in** -> you will be redirected back to MetaAccess APIs
4. Click on button REGISTER NEW APPLICATION
5. Fill in form
6. **Application name** – name of your sample application. For example: *PHP Sample Application*
7. **Description** – Description of your application. For example: *Simple testing application for MetaAccess API*
8. **Website URL** – Public website of your Application. For example: <http://www.yourhost.com> (or <http://localhost:8080/sample-app>)
9. **Callback URL** – URL where should be user redirected from MetaAccess OAuth 2.0 after successfully authenticating. For example: <http://localhost:8080/sample-app/gettoken>
10. Click on Save

Register new application

Description

Please enter information below to register a new application

Application Name

PHP Sample Application

Description

Simple testing application for MetaAccess API

Application icon (Allowed format: png, jpg - Max file size: 1MB)

Choose File logo.png

Website URL

http://localhost:8080/sample-app

Callback URL

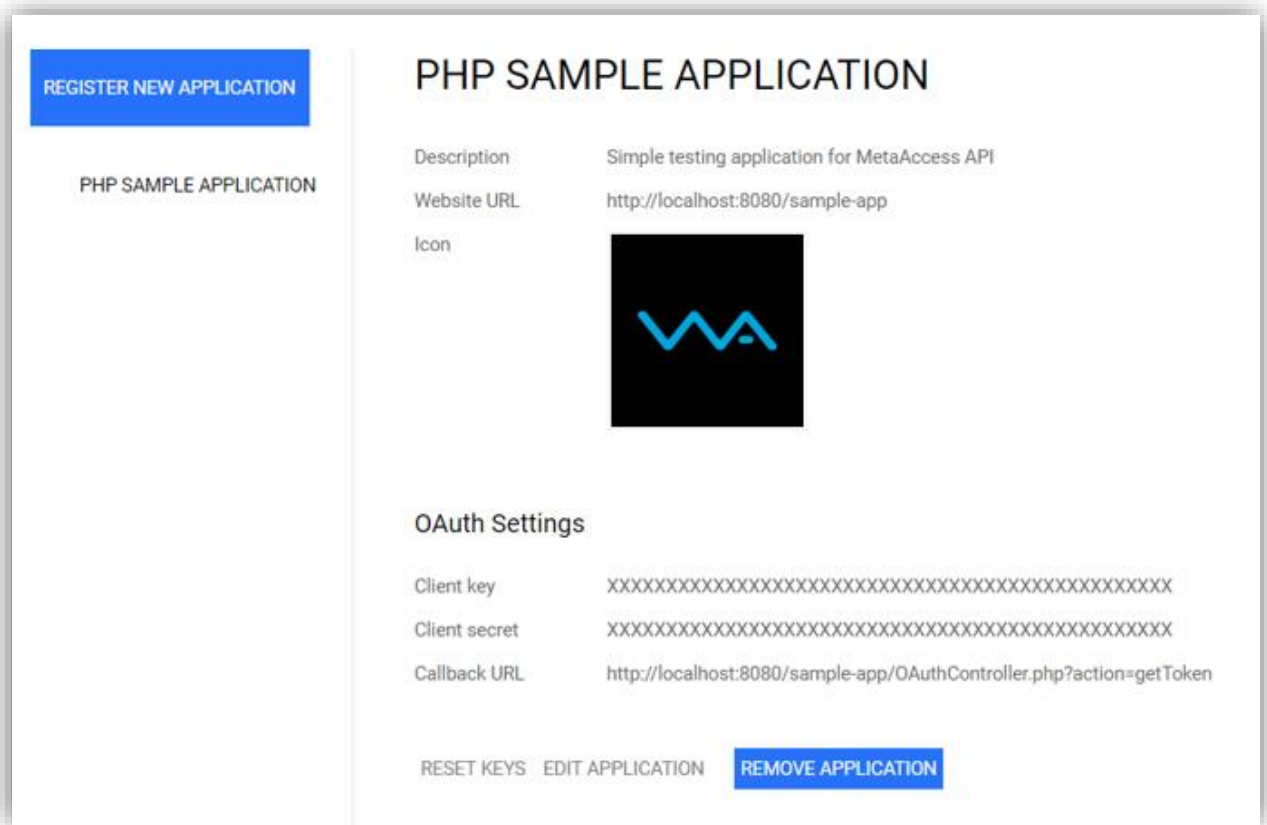
http://localhost:8080/sample-app/OAuthController.php?action=getToken

SAVE

Example of registration form

Note: The most important part of this registration form is **Callback URL**. On this URL is user redirected together with secret code in URL parameter, which is generated by OAuth 2.0. In this sample application, this process is implemented by [gettoken](#) method in [OAuthControllerImpl.php](#).

In this example we run our Apache server on localhost with port 80 and URL callback is <http://localhost:8080/sample-app/OAuthController.php?action=getToken>.



Example of application overview

1.3 Install - Modify add your keys

Before you run the application, you need to insert your Client Key and Secret Key generated by OPSWAT MetaAccess APIs for your application into file **Define.php**. Visit detail page of your application on MetaAccess APIs and copy and paste both Client and Secret into the file **/Define.php**.

```
const CLIENT_ID = '<INSERT YOUR CLIENT KEY HERE>'
const CLIENT_SECRET ID = '<INSERT YOUR CLIENT SECRET HERE>'
```

To obtain your Client key and Client secret, go to: MetaAccess APIs → Applications and click on application name in left menu

1.4 Alias Config File for Apache server

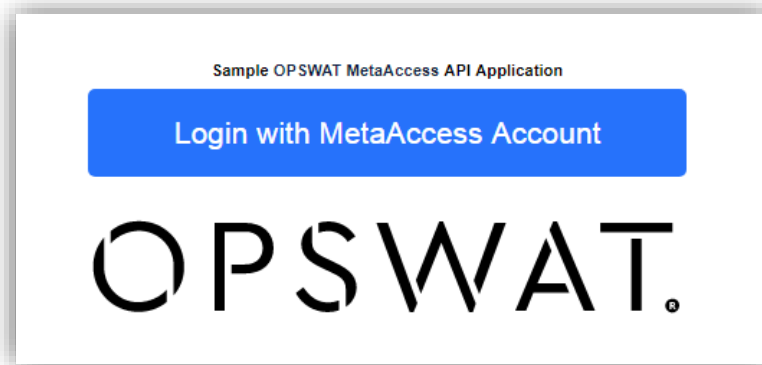
Before you run the application, go to your terminal and build the application by using command:

```
Alias /sample-app "<YOUR_SAMPLE_APPLICATION_PATH>"
<Directory "<YOUR_SAMPLE_APPLICATION_PATH>"
    Options Indexes FollowSymLinks ExecCGI
    AllowOverride all
    Order Deny,Allow
    Deny from all
    Allow from 127.0.0.1
    Allow from ::1
    Allow from localhost
</Directory>
```

Before you run the application, make sure that your PHP has enabled open_ssl extension unless the sample cannot work.

1.5 Run application

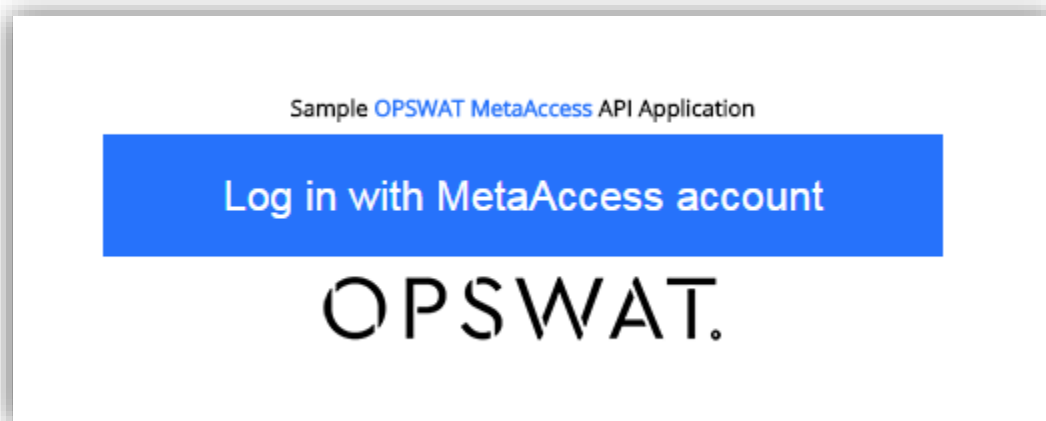
Now go to your browser and visit URL <http://localhost/sample-app> and you should see following welcome message.



After clicking on on Login with MetaAccess Account button, you will be redirected to <https://gears.opswat.com> landing page and follow this process:

Continue by clicking on Log in button in top section and you will be again redirected to <https://go.opswat.com/idp/login>.

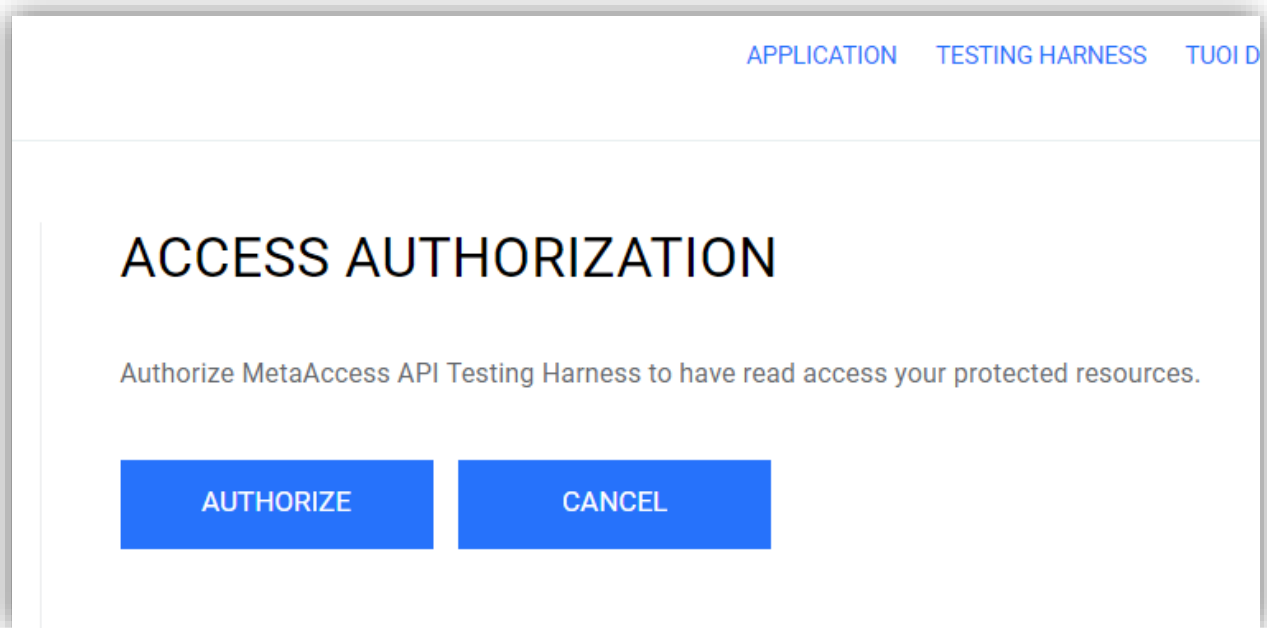
Insert your log in credentials and click Sign in → you will be redirected on Confirmation page.



After clicking on **Log in with MetaAccess Account** button, you will be redirected to gears.opswat.com landing page and follow this process:

Continue by clicking on **Log in** button in top section and you will be again redirected to accounts.opswat.com.

Insert your log in credentials and click Sign in -> you will be redirected on Confirmation page. Here you will be asked to accept access of your java Sample Application to your protected resources. As show on following screenshot.



Here click on **AUTHORIZE** – because you want your Sample application grant access to your resources (otherwise, you won't be able to load data in your application) and click **Submit**.

If you successfully finished whole process, you will see your MetaAccess account information in yours locally running sample application.

Account Information

EMAIL	phuong.cao@opswat.com
NAME	Phuong Cao
ALLOWED DEVICES	25
USED DEVICES	0
ACCOUNT CREATED	2017-06-12T06:50:03Z
LAST LOGIN	2018-04-17T02:52:58Z

```
{'devices_uncompliant'=>0, 'devices_critical'=>0, 'devices_issues'=>0, 'devices_unknown'=>0, 'name'=>'Phuong Cao', 'email'=>'phuong.cao@opswat.com', 'devices_allowed'=>25, 'devices_used'=>0, 'date_created'=>'2017-06-12T06:50:03Z', 'last_login'=>'2018-04-17T02:52:58Z'}
```

UI of MetaAccess Sample PHP Application