

Setting Up phpFox Storage

NOTE

phpFox Storage app is compatible with old phpFox versions (4.7.9 or earlier). Since phpFox 4.8.0 and later on, Storage Systems can be configured directly in AdminCP. If you are using phpFox 4.8.x, please refer instruction for this article [here](#).

This tutorial requires at least an intermediate level of knowledge. If you are not at that level or cannot get this to work, please seek assistance from experts.

Requires: phpfox 4.3+

You can set up your own storage servers with phpFox. It can be hosted on the same web server as your site, however, it's best to keep it separate.

In this documentation, we will guide you on how to set it up on the same web server.

All examples in this tutorial use below information:

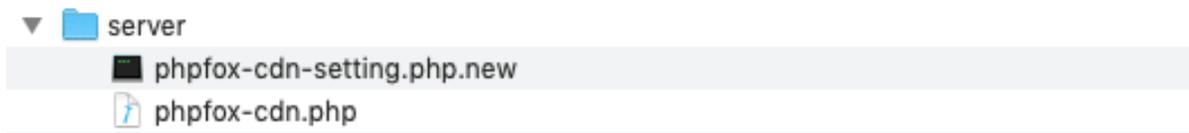
- Root path of the phpFox site <http://www.example.phpfox.com> is `/var/www/html/`

Step 1: Setting up Storage servers

The source code for a storage server can be found in the folder `/PF.Site/Apps/core-cdn/server/`. This folder can be moved to anywhere on your server but make sure that it has public HTTP access. For example, in this tutorial, we will move it to the root folder of the site and rename to `storage`.

```
/var/www/html/storage
```

Now, open it, you can see files and folders like this:



Next, we need to update something in there:

- Rename the file **phpfox-cdn-setting.php.new** to **phpfox-cdn-setting.php**.
- Open the file **phpfox-cdn-setting.php**. You will find the following constants.

```
<?php  
  
define('STORAGE_FOLDER', './');  
define('STORAGE_KEY', '');
```

The first constant, **STORAGE_FOLDER** is the path to store the user uploaded files. You can change the **STORAGE_FOLDER** value, but you must be sure about the existence of the new folder.

The next constant is **STORAGE_KEY**. This is a **unique key** you create and will be used when you assign this server to the App in your phpFox AdminCP. Remember this **key** for the next step.

In this example, we will update the file:

```
<?php
define('STORAGE_FOLDER', './');
define('STORAGE_KEY', 'phpFox2017');
```

Step 2: AdminCP Configurations

Now that we have our Storage server ready. Log into your AdminCP and head on over to **Apps >> phpFox Storage**.

Once you have reached the app, click on **NEW SERVER**

You will get a popup with 3 text input fields. The first is Upload URL. This is the full HTTP path of your CDN folder.

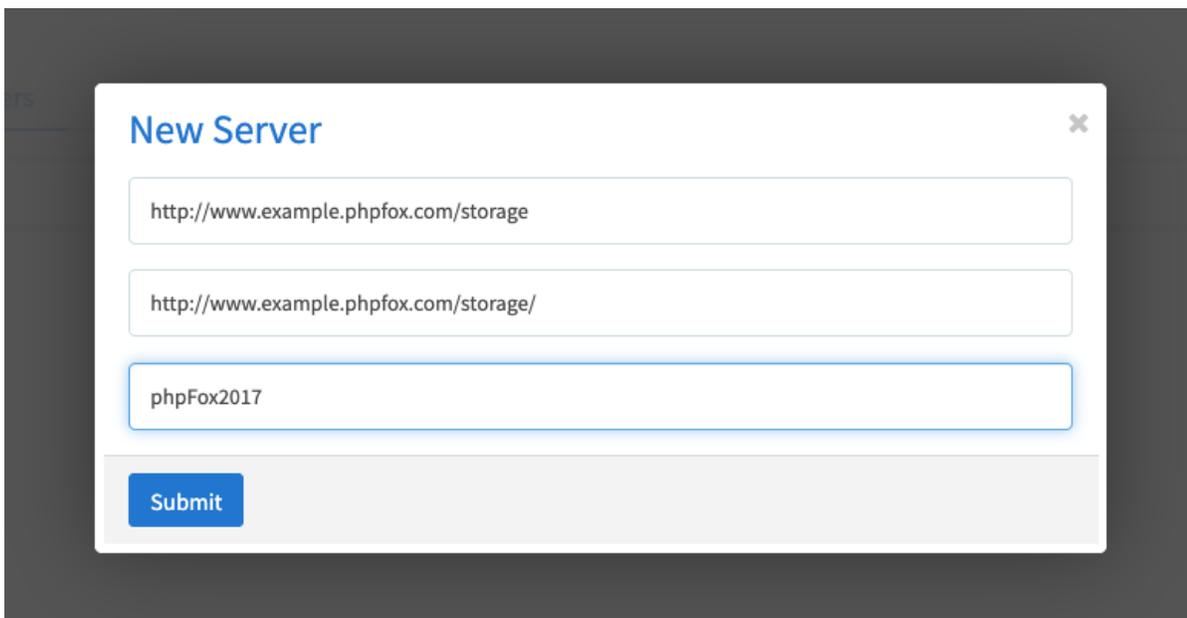
With this example, it will be:

<http://www.example.phpfox.com/storage>

The next is View URL. This is the URL to the view folder, which by default is /. The value for this example would then be:

<http://www.example.phpfox.com/storage/>

The final setting is **Secret Key**. This is the same value as the **STORAGE_KEY** you updated earlier (**phpFox2017** with this example).



The screenshot shows a 'New Server' modal window with a close button (X) in the top right corner. It contains three text input fields. The first field is labeled 'Upload URL' and contains the text 'http://www.example.phpfox.com/storage'. The second field is labeled 'View URL' and contains the text 'http://www.example.phpfox.com/storage/'. The third field is labeled 'Secret Key' and contains the text 'phpFox2017'. At the bottom of the modal is a blue 'Submit' button.

Hit Submit and you will have added your first Storage server.

Step 3: Enable Storage

Now that we have updated the Storage server and assigned it to the App we need to enable the extended Storage feature. On the same page where you manage your Storage servers, you will find a link **Settings**. Click on that and then click **Yes** to enable the service.

There are no limits on how many servers you can add and extend the server code is possible to spread the uploaded files across many locations.