

# Setting Up WaterOneFlow web services for PHP

This tutorial shows step-by-step how to set up the ODM MySQL Database and the WaterOneFlow web service on a webhosting server. In this example, we use a free hosting website (000webhost.com) but you can use the same steps on any PHP webhosting platform.

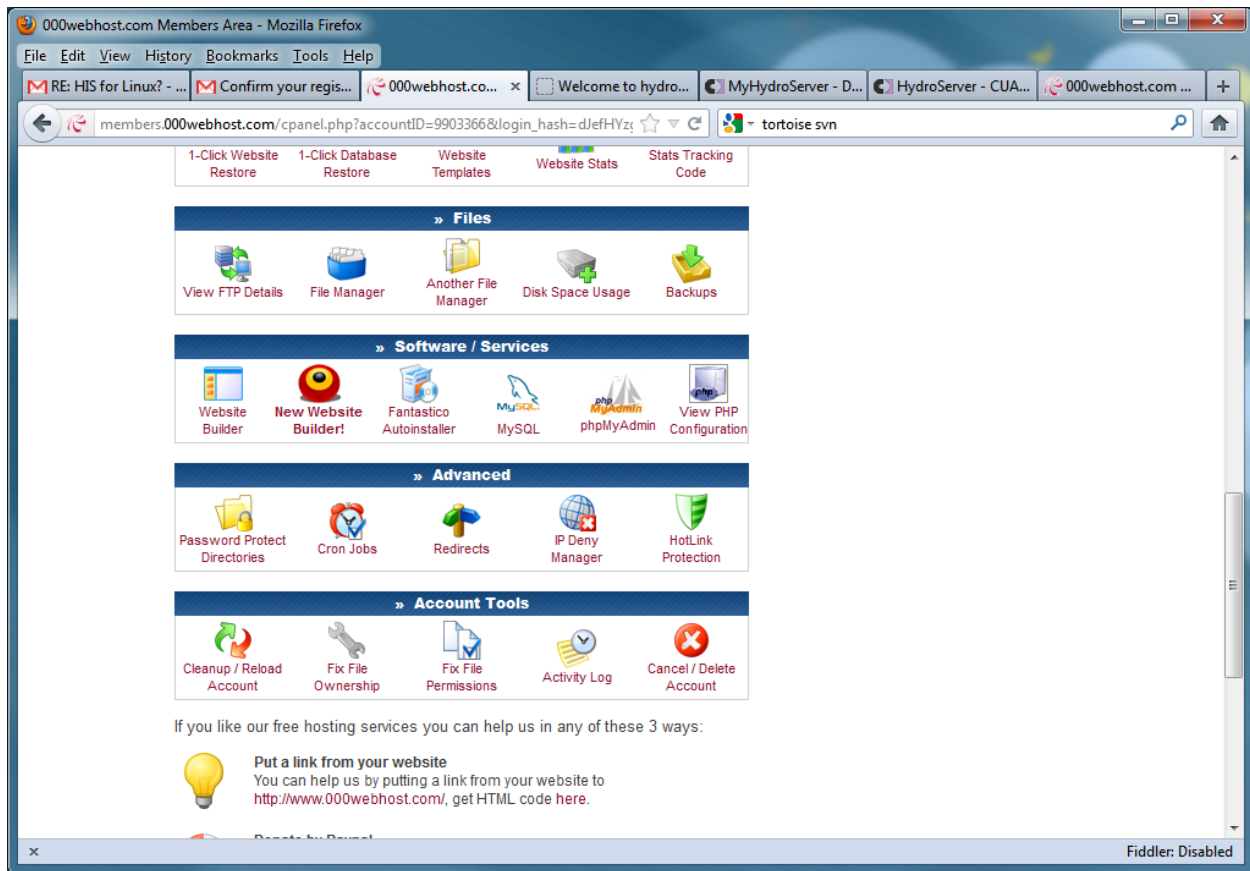
## Step 1 - Set-up a webhosting account

The screenshot shows the 000webhost.com registration page. The browser's address bar shows the URL 'www.000webhost.com/order.php'. The page has a navigation bar with links: FEATURES, ORDER NOW, EARN MONEY!, and CONTACT US. The main content area is titled 'Order Free Web Hosting' and includes the following fields and options:

- Domain:** A text input field with the placeholder 'www.' and a note: 'I want to host my own domain (domain must be registered already)'. Below it, another option: 'or, I will choose your free subdomain (recommended)' with a text input field containing 'hydreserver' and '.comuk.com'.
- Name:** A text input field with the placeholder 'Your name' and the value 'Din Kadlec'.
- Email:** A text input field with the placeholder 'Your email (account details will be sent there)' and the value 'jrikadlec2@gmail.com'.
- Password:** Two text input fields for 'Password (at least 6 symbols, both letters and numbers)' and 'Type password again', both containing '\*\*\*\*\*'.
- CAPTCHA:** A section titled 'Type 2 words that you see in the image:' showing a distorted image with the words 'thisbedu' and 'bad'. Below it, a text input field containing 'thisbedu bad'.
- Agreement:** A checkbox labeled 'I agree to Terms Of Service' which is checked.
- Buttons:** A 'Sign Up!' button and a 'Create My Account' button.

The right sidebar contains a list of links: Home, View All Features, Free Domain Hosting, Free PHP Hosting, Free Hosting with MySQL, Free cPanel Hosting, Website Builder, Fantastico Autoinstaller, Frequent Questions, Web Hosting Reviews, Website Templates, Affiliate Program, Visit our Forum, Contact / Report Abuse, and Members Area. At the bottom right, there is a Facebook social plugin titled 'Find us on Facebook' showing 'Free Hosting' with a 'Like' button and a list of users who like the page.

Confirm your registration by going to your e-mail. Then click the link **Go to cpanel**.



## Step 2 – Create a new Database

In CPanel, go to MySQL.

Select the option **Create database** (enter database name, user name, and password)

Take a note of the database host name: **mysql6.000webhost.com**

Also, take a note of the database name and database user name (you will need them later)


Click Create Database. The database will be created in 1 minute.

000webhost.com Members Area - Mozilla Firefox

File Edit View History Bookmarks Tools Help


RE: HIS for Linux? - ... Confirm your regis... 000webhost.co... Welcome to hydro... MyHydroServer - D... HydroServer - CUA... 000webhost.com ...

members.000webhost.com/panel/mysql.php?accountID=9903366&login\_hash=...

 000webhost.com  
better than paid hosting

LIST ACCOUNTS EARN MONEY! GET HELP LOGOUT [X]

Manage another domain  
hydroserver.comuv.com Go Create New

 **Information**

MySQL database will be created in 1 minute. Use these details for your PHP scripts:

```
$mysql_host = "mysql6.000webhost.com";  
$mysql_database = "a6791364_odm";  
$mysql_user = "a6791364_odm";  
$mysql_password = "2c506bbe";
```

[ Back to MySQL ]  
[ Back to Control Panel ]

**» Account Information**

Domain	hydroserver.comuv.com
Username	a6791364
Password	*****
Disk Usage	0.02 / 1500.0 MB
Bandwidth	100000 MB (100GB)
Home Root	/home/a6791364
Server Name	server26.000webhost.com
IP Address	31.170.160.90
Apache ver.	2.2.19 (Unix)
PHP version	5.2.*
MySQL ver.	5.1
Activated On	2012-05-21 14:17
Status	Active


Fiddler: Disabled

000webhost.com Members Area - Mozilla Firefox

File Edit View History Bookmarks Tools Help


RE: HIS for Linux? - ... Confirm your regis... 000webhost.co... Welcome to hydro... MyHydroServer - D... HydroServer - CUA... 000webhost.com ...

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
LIST ACCOUNTS EARN MONEY! GET HELP LOGOUT [X]

Manage another domain  
hydroserver.comuv.com Go Create New

 **Manage MySQL Databases**

MySQL databases are required by many web applications including bulletin boards, content management systems, and others. To use MySQL, you need to create database and user, which will be automatically assigned to this database. Click for phpMyAdmin when database is created.

Important: MySQL Host for any database in this account is **mysql6.000webhost.com**, do not use localhost!

 **Create new database and user**

MySQL database name: a6791364\_odm

MySQL user name: a6791364\_odm


Password for MySQL user: \*\*\*\*\*

Enter password again: \*\*\*\*\*

Create database

**» Account Information**

Domain	hydroserver.comuv.com
Username	a6791364
Password	*****
Disk Usage	0.02 / 1500.0 MB
Bandwidth	100000 MB (100GB)
Home Root	/home/a6791364
Server Name	server26.000webhost.com
IP Address	31.170.160.90
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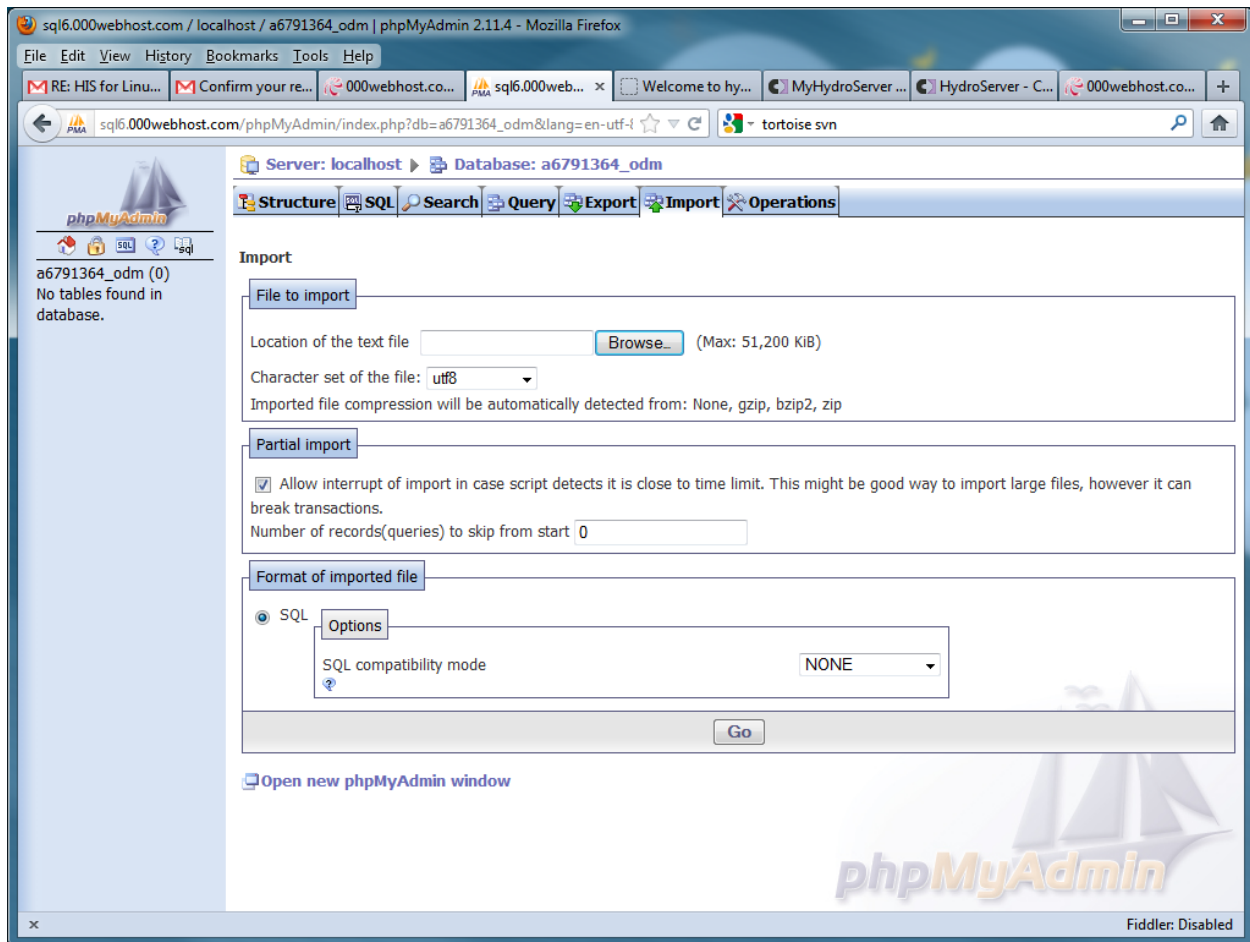
Fiddler: Disabled

### Step 3 – Populate the MySQL Database With Tables and Sample Data

Download the database script from the HydroServer website:

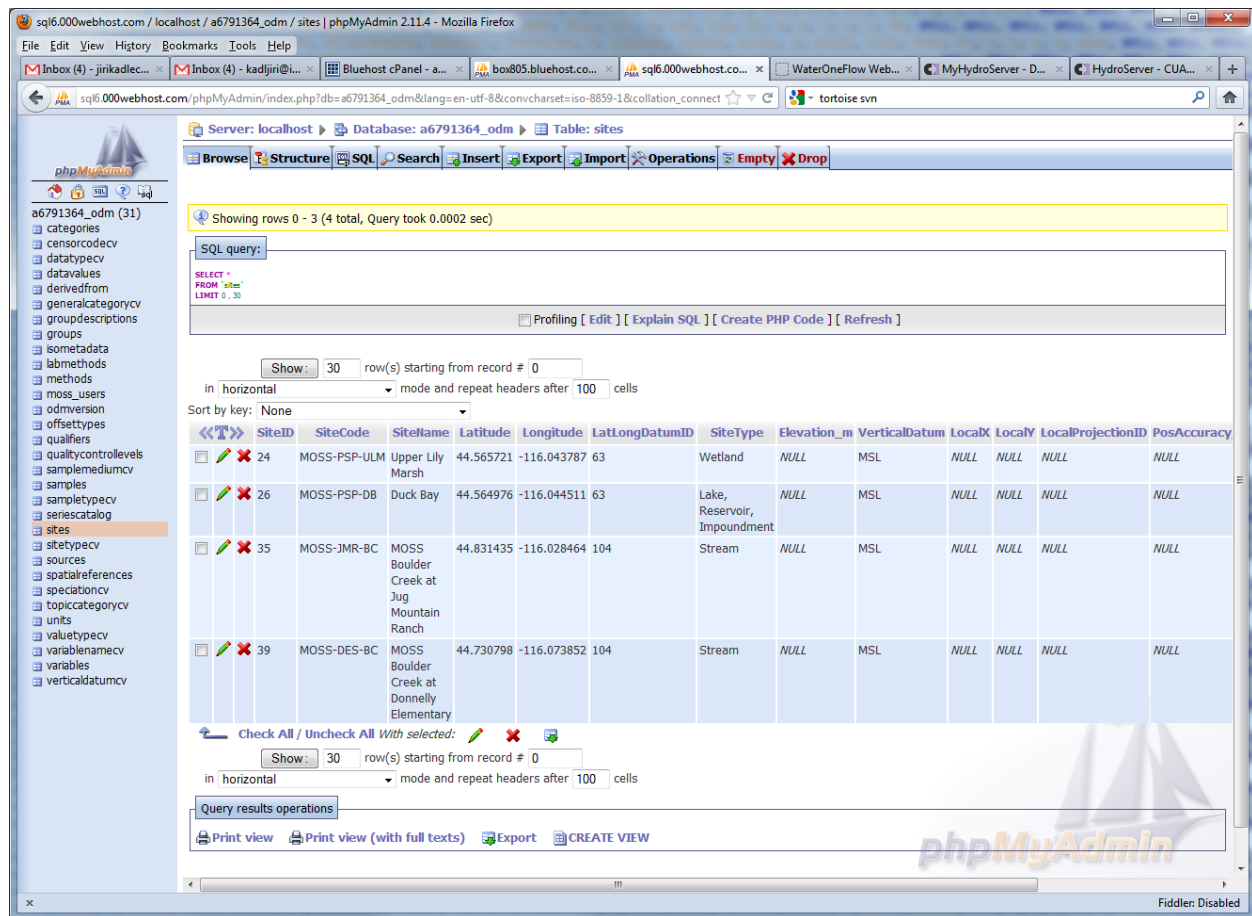
In Control Panel, go to PHPMyAdmin

The new empty database odm is shown. Click Import



Select the file to import – you can download this file from the website:

The database is now populated with tables.



### Step 3 - Upload the WaterOneFlow PHP Files:

On your website back to control panel

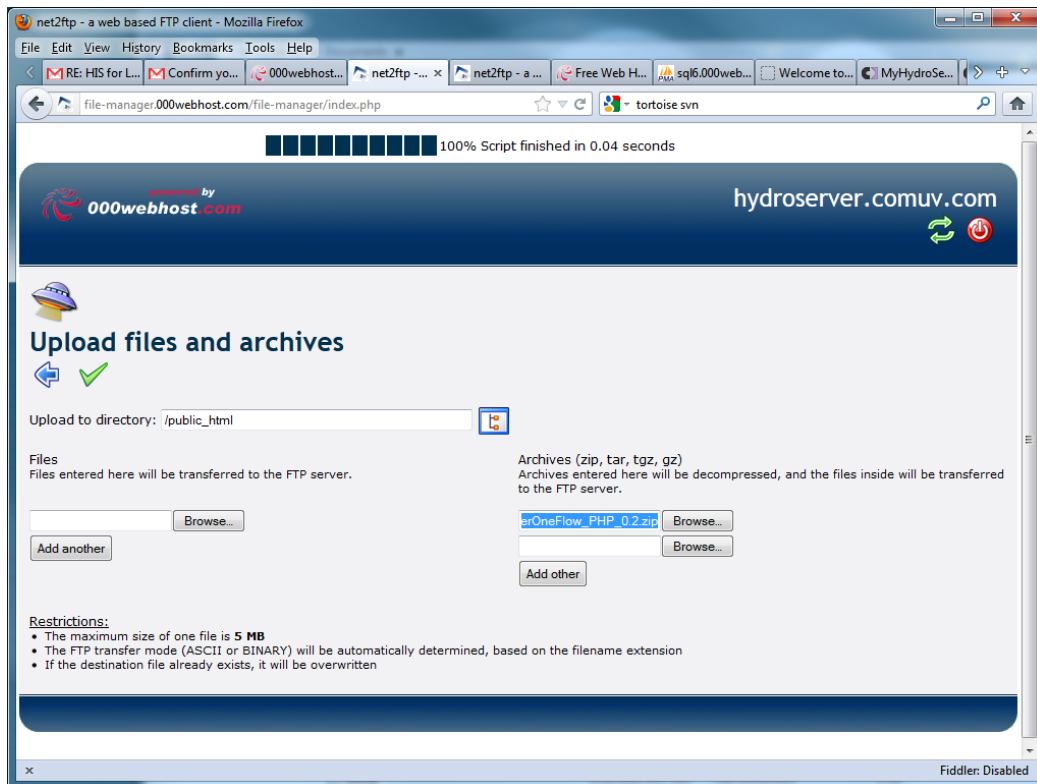
Click **file manager**

In file manager, select `public_html`

Click Upload

Go to Archives..

Select the file **WaterOneFlow\_PHP\_02.zip** that you downloaded from codeplex.com

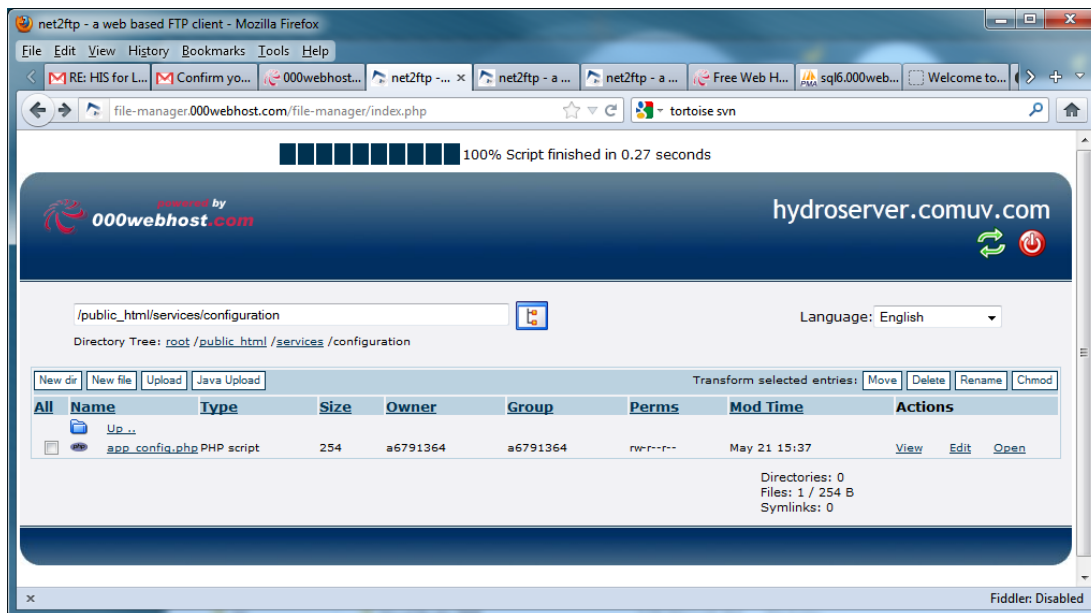


Click Submit (the green checkmark)

This will create a services folder in your public\_html directory

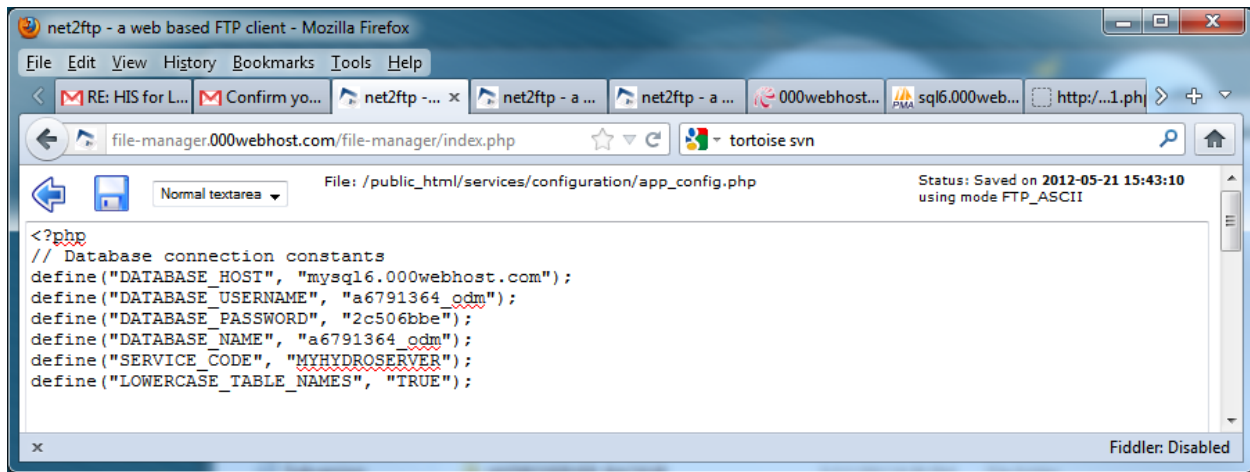
## Step 4 – Edit Database connection information for the web service

Navigate to public\_html / services / configuration and select app\_config.php



Edit the file app\_config.php

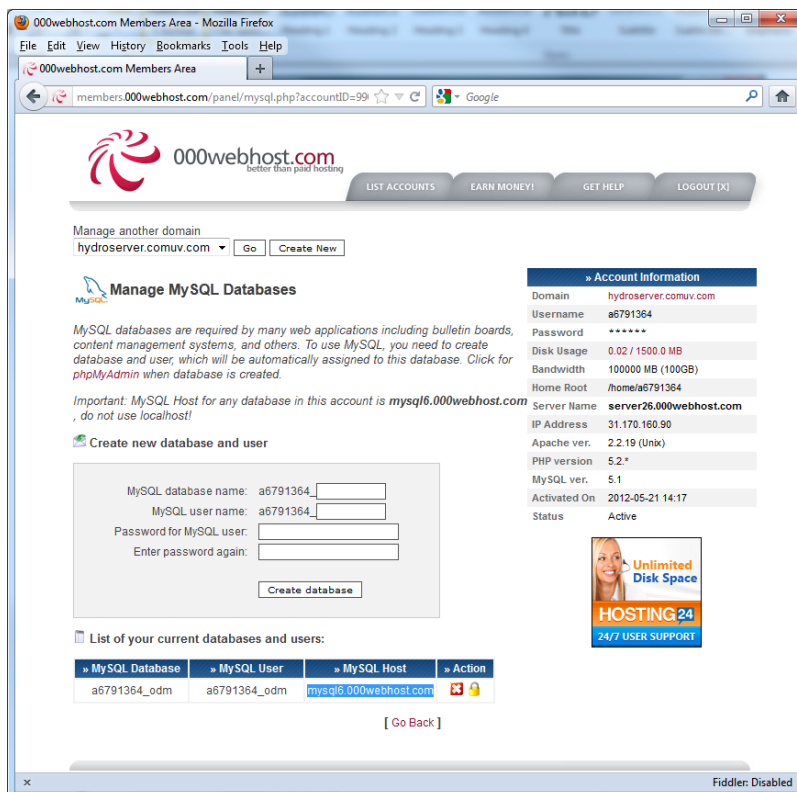
(replace my\_password with your real password)



Click the Save icon to save

Notice: You can find the correct values of DATABASE\_HOST, DATABASE\_USERNAME, DATABASE\_NAME and DATABASE\_PASSWORD by the following steps: Go to 000webhost.com members area,

Log-in, go to MySQL. On the bottom of the screen the values are shown.



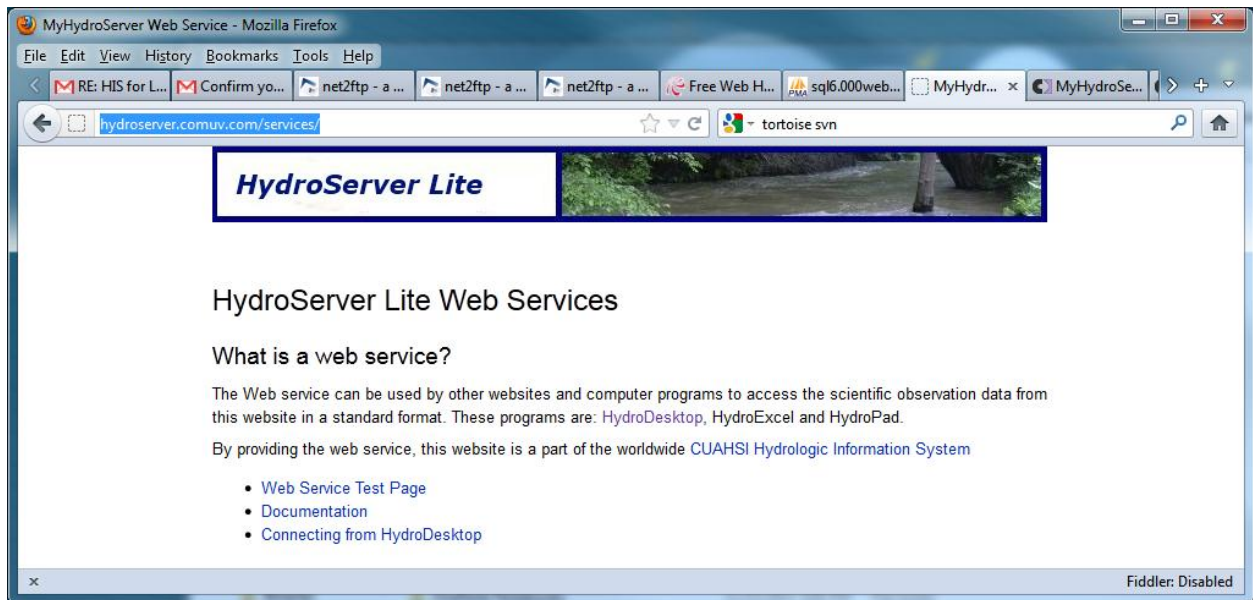
## Step 5 Test the web service

Go to Web Service Test Page

<http://hydroserver.comuv.com/services/>

In your browser navigate to the url of your new website (such as <http://hydroserver.comuv.com/>)

In your browser go to the `/services/` url.



Go to Web Service Test Page

<http://hydroserver.comuv.com/services/>

If installation worked, you will see the SOAP web service interface.

You can use this URL to register your service with HydroDesktop and with HIS Central.