



## Step 1: Download XAMPP

Start off by [downloading the latest version of XAMPP](#) from Apache Friends website. The current up-to-date version of XAMPP is 7.3.8 / PHP 7.3.8.

The screenshot shows the Apache Friends website's download section. The main heading is "Download". Below it, a sub-section for "XAMPP for Windows" lists three versions: 7.1.31 / PHP 7.1.31, 7.2.21 / PHP 7.2.21, and 7.3.8 / PHP 7.3.8. The 7.3.8 / PHP 7.3.8 row is highlighted with a red box around its "Download (54 bit)" button. To the right, there's a sidebar titled "Documentation/FAQs" with a list of links for Linux, Windows, OS X, and OS X XAMPP-VM FAQs. At the bottom of the sidebar is a link to "Add-ons and Themes".

Version	Checksum	Size		
7.1.31 / PHP 7.1.31	What's Included?	md5 sha1	<a href="#">Download (54 bit)</a>	144 Mb
7.2.21 / PHP 7.2.21	What's Included?	md5 sha1	<a href="#">Download (54 bit)</a>	148 Mb
7.3.8 / PHP 7.3.8	What's Included?	md5 sha1	<a href="#">Download (54 bit)</a>	149 Mb

Note: If you're using Linux or OSX, the installation steps are pretty much the same. Just make sure to download the appropriate version of XAMPP for your OS.

## Step 2: Install XAMPP

Once downloaded, run the XAMPP installer file.

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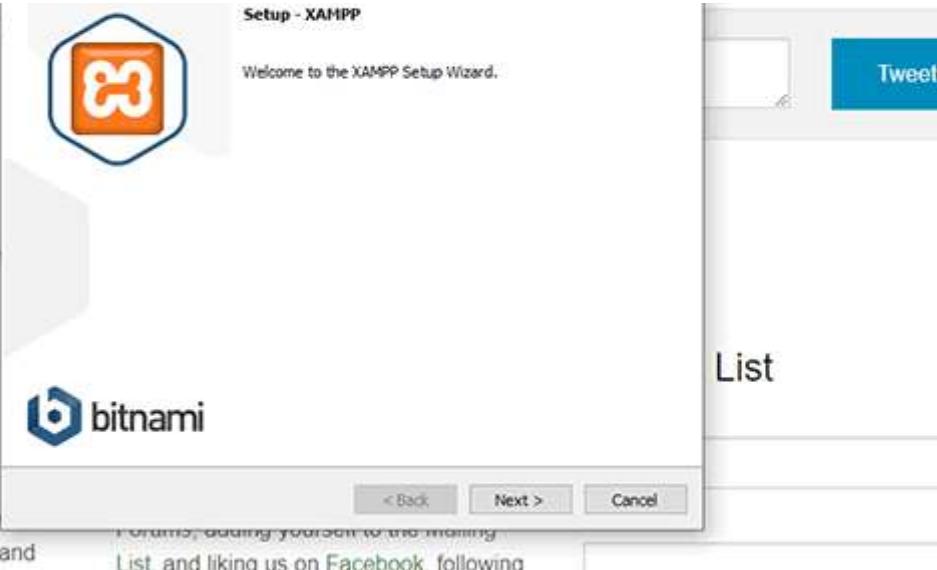
o read the install instructions  
FAQs  
ws FAQs  
FAQs  
XAMPP-VM FAQs

Find additional help on our

ons



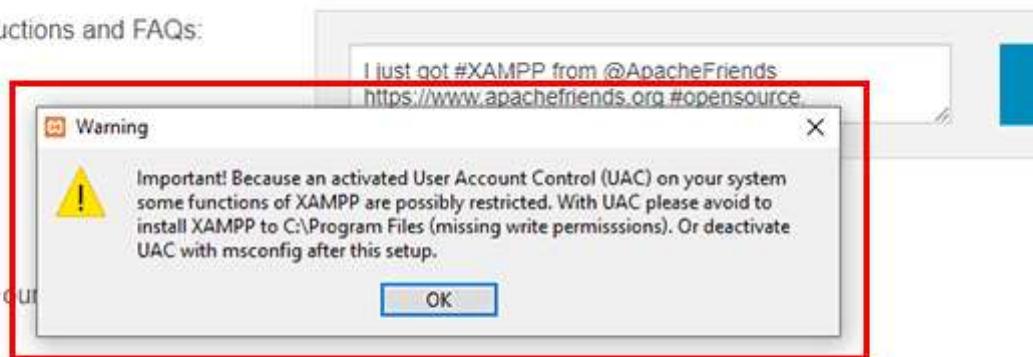
Provides a free all-in-one tool to install Joomla!, WordPress and



The XAMPP Setup Wizard

## Tell Your Friends about XAMPP

The install instructions and FAQs:



### Community



XAMPP has been around for more than 10 years – there is a huge community behind

### Mailing List

Email

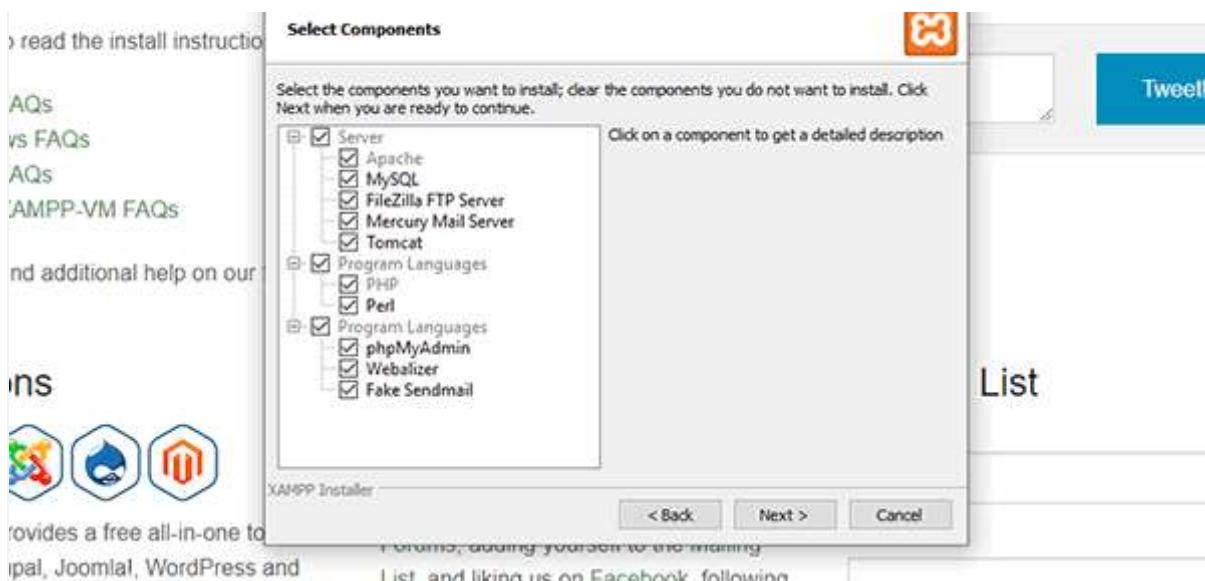
You might get a UAC warning before installation. Click OK and continue.

Select the components you want to install. If you're planning to install a WordPress site with XAMPP, you only need *Apache*, *MySQL*, *PHP*, and *phpMyAdmin*. I'll check all the components as I'd like to experiment with them later.

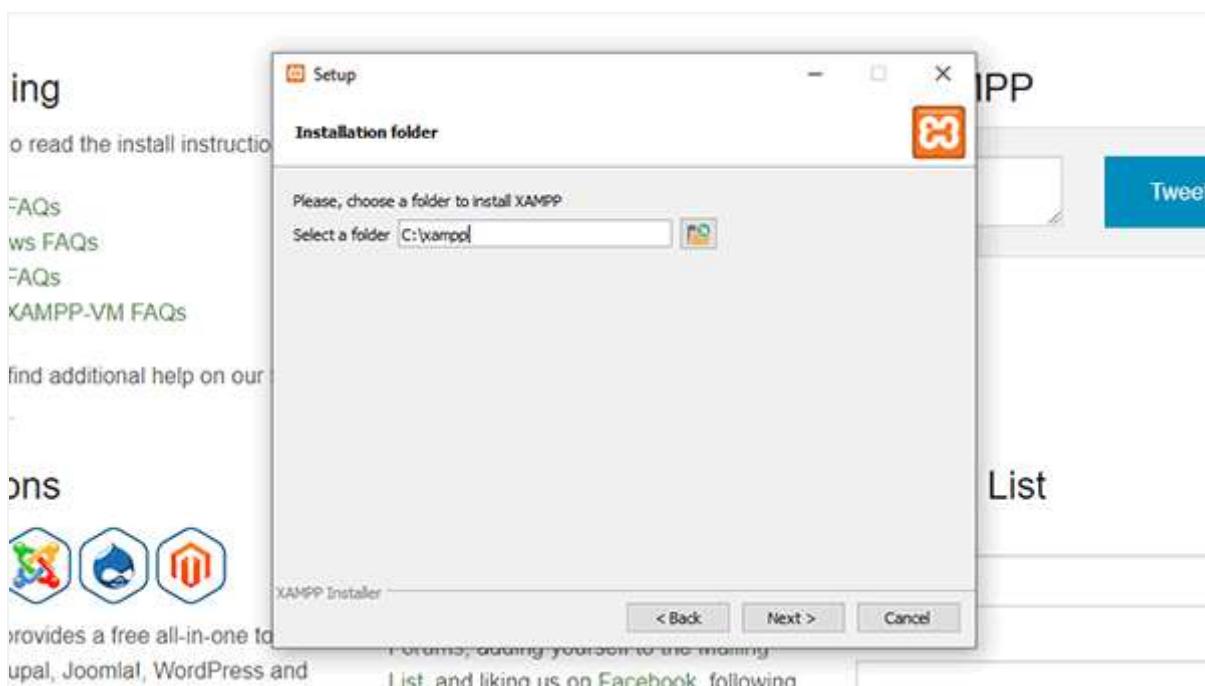
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Choose the installation directory for XAMPP (default recommended).

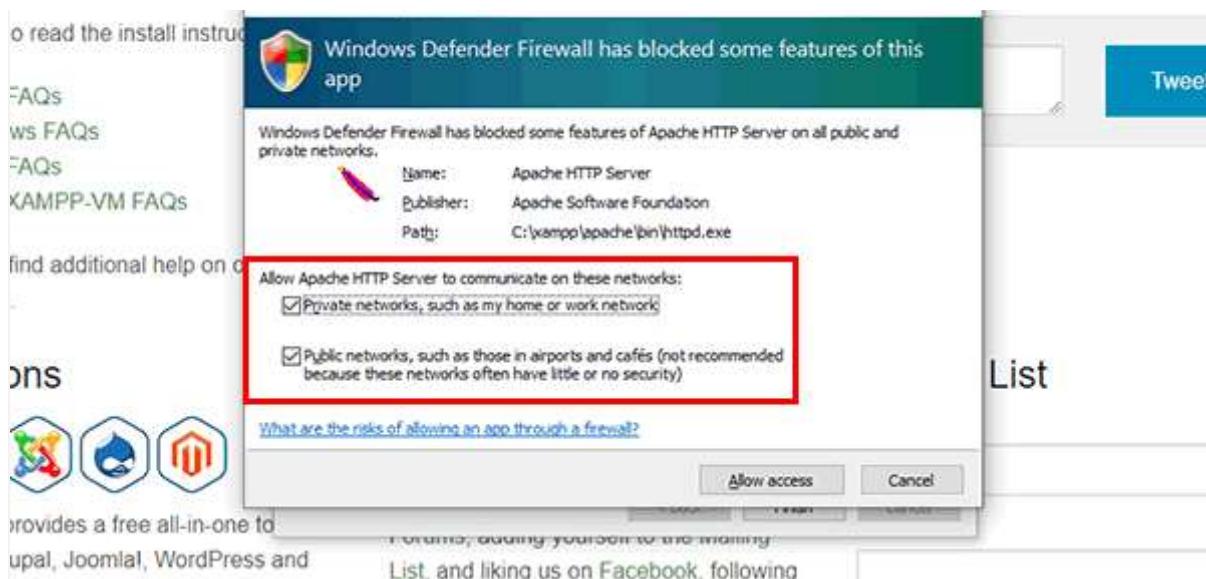


Uncheck *Learn more about Bitnami* option. Bitnami provides all-in-one tools to install popular open source apps on top of XAMPP. This includes add-on modules for installing WordPress too. However, we'll be installing it manually here.

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You may be presented with a *Windows Security Alert* at the end of the installation. You need to whitelist *Apache HTTP Server* from your *Windows Defender Firewall* by clicking the *Allow access* button. Make sure to check the “*Private networks, such as my home or work network*” option. This is very important. XAMPP won’t work if you don’t check this and click *Allow access*.

Complete the setup and run XAMPP Control Panel.



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MUCH. JUST MAKE SURE THAT YOU DON'T INSTALL XAMPP UNDER YOUR **PROGRAM FILES** DIRECTORY, AS UAC

can interfere with XAMPP's writing permissions to this directory. The default installation directory is

C:\XAMPP . So, if you don't change it, you should be good.

If you want to learn [how to deactivate UAC](#) (not recommended unless absolutely necessary), Microsoft Windows support is a good place to start.

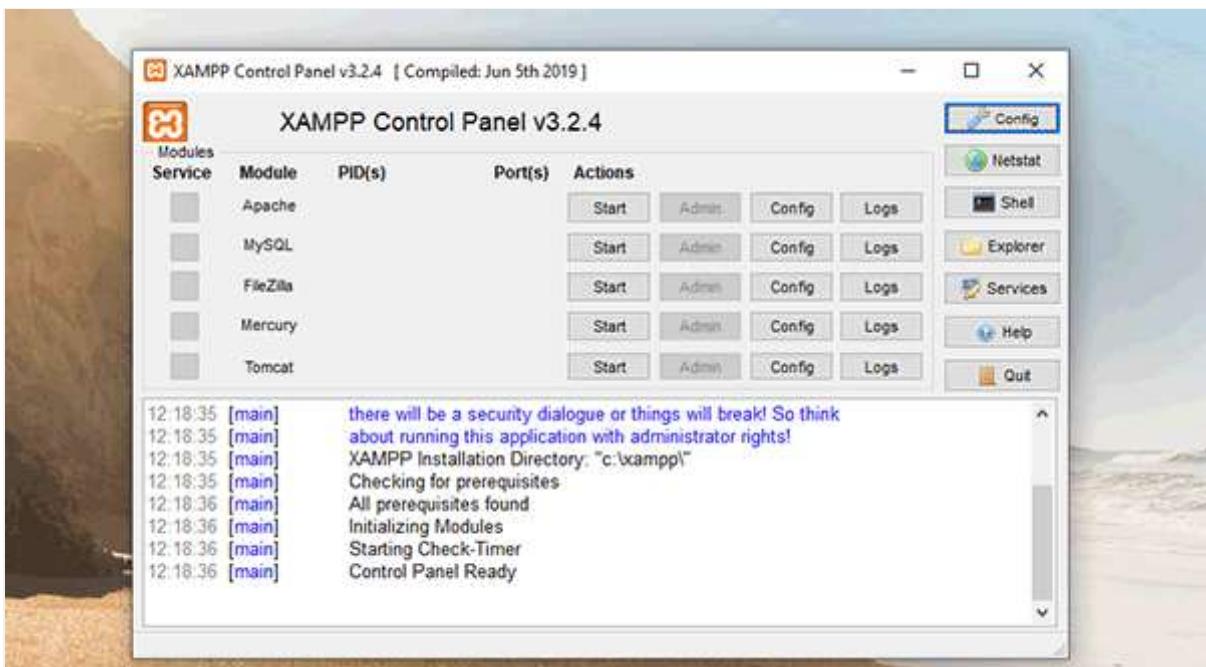
### **Installation Note 2: Deactivate Antivirus and/or Firewall Temporarily**

Some antivirus or firewall programs can cause issues with your XAMPP installation. If that's the case, it's suggested that you deactivate them temporarily until XAMPP is installed successfully.

Read the [XAMPP Windows FAQs](#) page for more.

### **Step 3: Open the XAMPP Control Panel**

The XAMPP Control Panel sports a simple user interface that lists all the modules of your local server. It allows you to Start/Stop individual modules, access their Admin area, Config files, and Logs with just a single click. Its bottom section also displays all your actions and errors (if any).



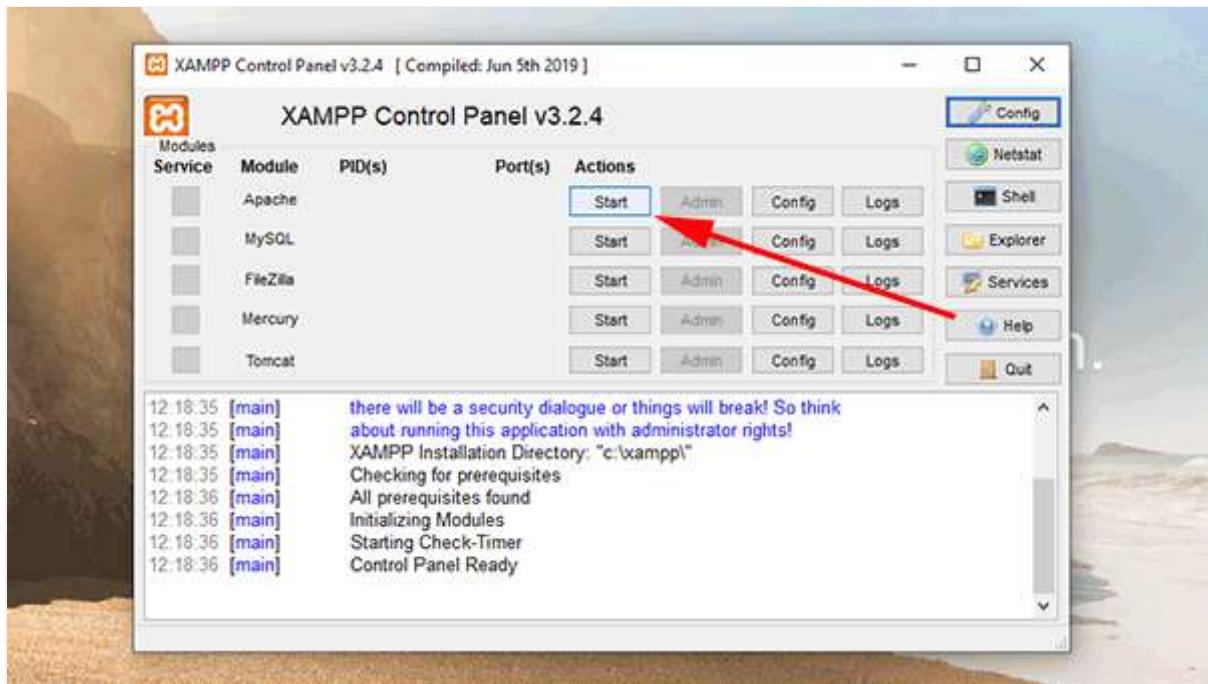
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- **Config:** to configure overall XAMPP settings
- **Netstat:** display all active TCP connections (and ports) on your computer
- **Shell:** starts XAMPP in a custom command line (CMD)
- **Explorer:** opens the XAMPP root folder in Windows Explorer
- **Services:** shows all Windows services under Microsoft Management Console
- **Help:** links to Apache Friends Support Forum
- **Quit:** quit XAMPP Control Panel (the server will continue to run in the background)

## Step 4: Start Apache and MySQL Modules

Click the *Start* button beside Apache module. If everything's set correctly, your Apache server should start successfully under ports 83 and 443.



You can access your Apache server's dashboard by clicking the Admin button beside it. Alternatively,

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**XAMPP Apache + MariaDB + PHP + Perl**

## Welcome to XAMPP for Windows 7.3.8

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOW-TO Guides for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want have your XAMPP accessible from the internet, make sure you understand the implications and you checked the FAQs to learn how to protect your site. Alternatively you can use XAMPP, MAMP or LAMP which are similar packages which are more suitable for production!

Start the XAMPP Control Panel to check the server status

### Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our Forum, adding yourself to the Mailing List, and liking us on Facebook, following our exploits on Twitter, or adding us to your Google+ circles.

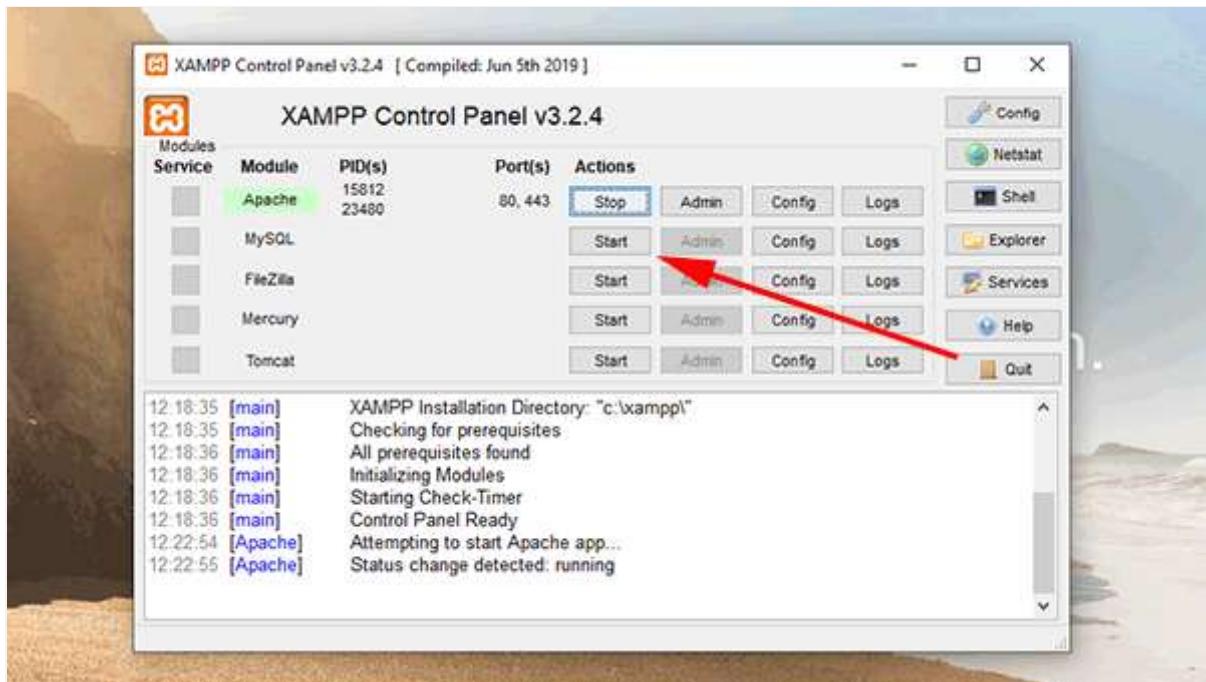
### Contribute to XAMPP translation at [translate.apachefriends.org](http://translate.apachefriends.org).

Can you help translate XAMPP for other community members? We need your help to translate XAMPP into different languages. We have set up a site, [translate.apachefriends.org](http://translate.apachefriends.org), where users can contribute translations.

### Install applications on XAMPP using Bitnami

Apache Friends and Bitnami are cooperating to make dozens of open source applications available on XAMPP for free. Bitnami packaged applications include Wordpress, Drupal, Joomla and dozens of others and can be deployed with one-click installers. Visit the Bitnami XAMPP page for details on the currently available apps.

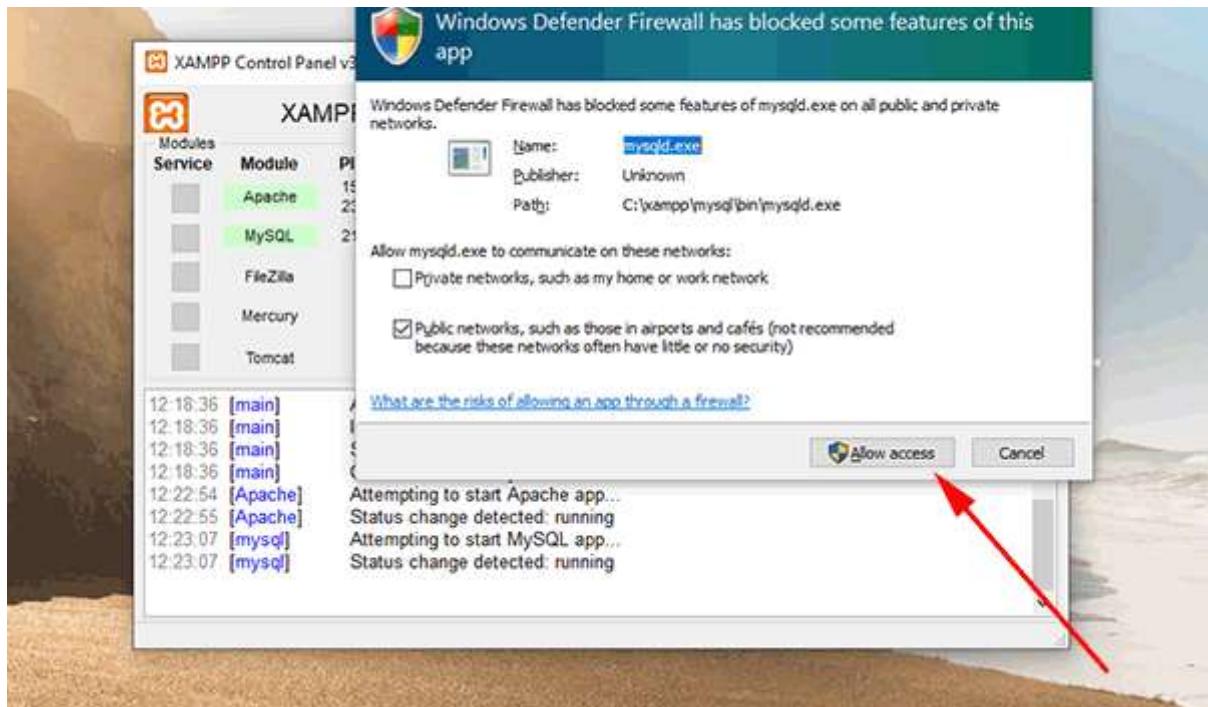
Then Start the MySQL module. If you're presented with a Windows Security Alert to whitelist `mysqld.exe`, click Allow access. Like before, make sure that you've ticked the "Private networks..." option.



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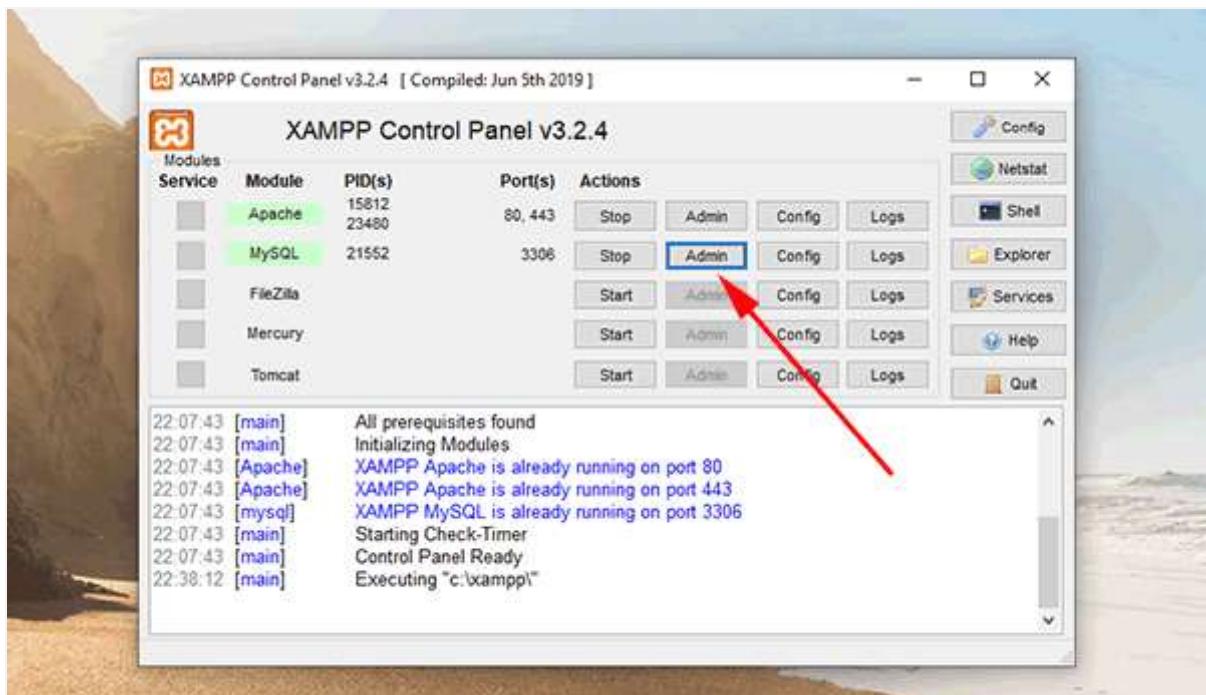


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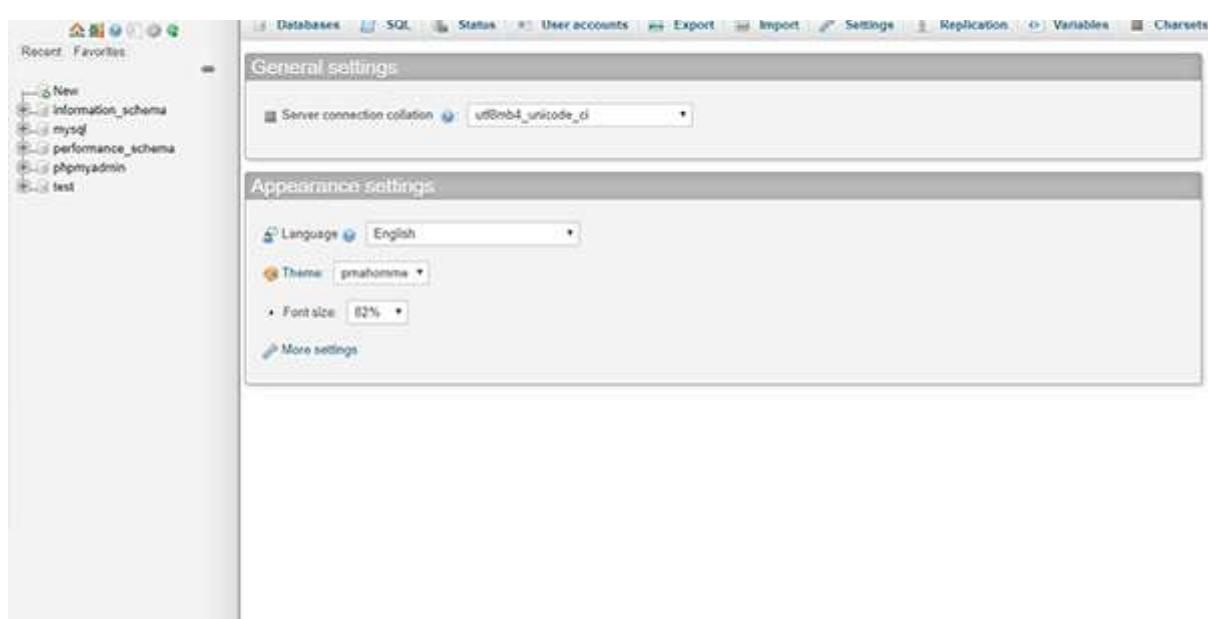


Don't forget to tick the "Private networks" option.

You can access your phpMyAdmin dashboard by clicking the *Admin* button beside MySQL module. Or you can simply go to <http://localhost/phpmyadmin/> in your browser. Here, you can manage the MariaDB (or MySQL) databases of your web projects.



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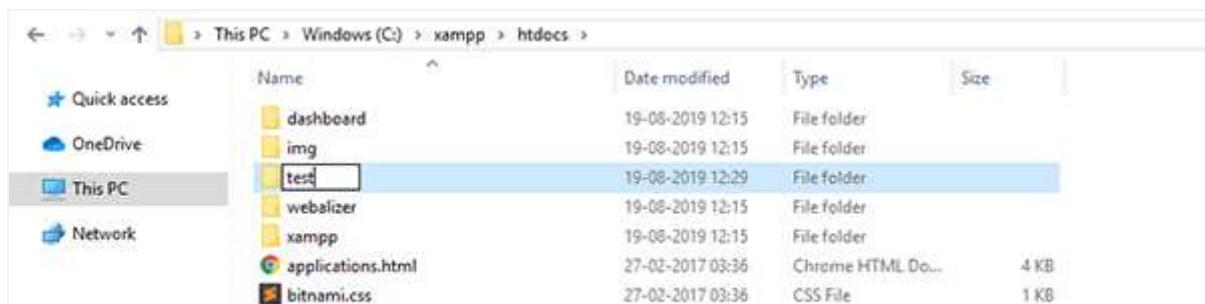
The phpMyAdmin Dashboard

This concludes the setup of XAMPP as your local development environment. It's now ready to host any PHP-based software (e.g. WordPress).

## Testing Your XAMPP Installation

The best way to check whether your local server has been installed and configured correctly is to create a *PHP test page*, place it in XAMPP's localhost folder, and then try accessing it via your browser.

Let's do that now. Create a new folder called *test* in your `C:\xampp\htdocs\` directory. This directory can also be accessed easily by clicking the *Explorer* button in XAMPP Control Panel and then going to *htdocs* folder.



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This PC > Windows (C:) > xampp > htdocs > test			
Name	Date modified	Type	Size
test.php	19-08-2019 12:09	PHP Source File	1 KB

```
test.php
1 <html>
2   <head>
3     <title>PHP-Test</title>
4   </head>
5   <body>
6     <?php echo '<h1>Hello World!</h1><h3>Welcome to WPMU DEV</h3>'; ?>
7   </body>
8 </html>
```

```
1 <html>
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7   </body>
8 </html>
```

test.php hosted with ❤ by GitHub

[view raw](#)

Try visiting <http://localhost/test/test.php> in your browser. If it displays the words "*Hello World!* *Welcome to WPMU DEV*", then XAMPP is successfully installed and configured on your system.



## Installing WordPress Locally with XAMPP

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Before we install WordPress, we need a database.

In your XAMPP Control Panel, click the *Admin* button in the MySQL section. A new browser window will automatically open with the phpMyAdmin dashboard interface. Click on *Databases* near the top-left.

The screenshot shows the phpMyAdmin General settings page. At the top, there's a navigation bar with tabs like Databases, SQL, Status, User accounts, Export, Import, Settings, Replication, Variables, and Charsets. Below the navigation bar, there are two main sections: 'General settings' and 'Appearance settings'. In the 'General settings' section, there's a dropdown menu for 'Server connection charset' which is currently set to 'utf8mb4\_unicode\_ci'. A red arrow points to this dropdown. The 'Appearance settings' section includes options for 'Language' (set to English), 'Theme' (set to pmahomme), and 'Font size' (set to 82%). There's also a 'More settings' link at the bottom.

You'll now be prompted to create a new database. I've named mine *wpmudev*.

The screenshot shows the phpMyAdmin Databases page. On the left, there's a sidebar with a 'New' button and a list of existing databases: information\_schema, mysql, performance\_schema, phpmyadmin, and test. The main area is titled 'Databases' and shows a table of existing databases. At the top of this table, there's a 'Create database' dialog with two input fields: one for the database name ('wpmudev') and another for the character set/collation ('utf8mb4\_unicode\_ci'). A red box surrounds these two fields. To the right of the 'Create' button, a red arrow points towards it, indicating the next step.

Once you've entered a name, click *Create* and close the window.

## Step 2: Download and Install WordPress

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