

A. If you don't mind shutting down other services using the port while you are developing, you can follow the directions on the video link. Once you are done using Apache and PHP you can turn the services back on or just reboot your PC and the services will turn back on.

1. Go to the Windows 7/8/10 Task Manager (press Ctrl+Alt+Delete at the same time).
2. Select the Services tab.
3. Look for any of the following services in Windows 7/8/10. If you find one running, right-click it and turn it off. Then try restarting Apache again. If that does not work, turn that one back on and try another one. (The names may be slightly different depending on the version of Windows.)

SQL Server Reporter, Web Deployment Agent, BranchCache, Sync Share Service, WAS (IIS Administrator), and W3SVC

B. If you need your other services running or you do not have the administrative privileges to turn off services on port 80, you can change the default listening port location for Apache.

Go to your system tray (in Microsoft Windows it's at the bottom-right corner of your screen). Find the XAMPP icon by scrolling your mouse over the icons. A description of each should appear. If you don't see the icon, click the up arrow in the system tray to see more icons. Double-click the icon. The Control Panel should appear. You should see start up error messages in red on the console. If it is a port conflict, click the Config button to the right of Apache. Select `httpd.conf` from the list provided. This will open the Apache configuration file (`httpd.conf`) into Notepad (or your default text editor). First save a copy of this file somewhere in case you make a mistake. This will allow you to recover the original file. Search for Listen 80 within the file. Change the occurrence of 80 to 8080 or to 81. This will allow the Apache server to listen to one of these ports that are not commonly used. Resave the file (make sure you are resaving the original file to the original location).

■ **Note** Make sure when using Notepad or any other text editor that you use Save As, then select All Files for the file type. Also make sure to include the `.conf` file extension. If you do not change the file type to All Files, your file will be saved as `httpd.conf.txt`. If that happens, the server will not see the file. You can easily fix the problem by reopening the file and saving it in the proper method.

You can then restart Apache by clicking the Start button next to Apache in the XAMPP console. If you get a green status for Apache, you will also want to start MySQL by clicking the Start button to the right of MySQL.

Missing Files

If you receive an error message related to this, somehow your files have become corrupted before installation. Return to the XAMPP web site and download the files again. If you somehow have messed up the Apache configuration file, you also will need to download the files again.

Can't Install Files in Program Files Directory

This would indicate that you or something else has a high security restriction on that directory. Rerun the installation and change the location of your installation to another directory. Just remember, when you reference the program files directory later in this book, that you should instead look at the directory in which your files were installed.