

Personal Music Server Installation Instructions

Requirements:

- Windows based PC with administrator access.
- .NET version 3.5 or above installed. This is standard on Windows 8 and above.
- Administrator access to firewall settings.
- An understanding of IP addresses and opening ports in your firewall. There are numerous YouTube videos explaining this process.
- An understanding of Windows Services. There are numerous YouTube videos explaining this process.
- An understanding of the Windows Command Prompt

Installation:

1. Find your computer's local IP address (192.168.1.?). Make a note of this address for future use.
2. Find your computer's external IP address. This can be done by going to a site such as <http://www.whatsmyip.org/>. Make a note of this address for future use.
3. Open your firewall settings (most likely 192.168.1.1) and open a port for the computer's local IP address. I suggest a port between 8000 and 8999, specifically 8111.
4. Download <http://whitepaladings.com/personalmusicserver/personalmusicserver.zip>
5. Unzip the file into the directory of your choice.
6. Open the netWebFilter.exe.config file for editing (such as in Notepad).
 - a. Change the value <path to music directory> to the drive and directory where your music is stored (i.e. C:\My Music). Spaces in this value are OK, the quotation marks are required.
 - b. Save and close this file.
7. Open the webServerSettings.dat file for editing (such as in Notepad).
 - a. Change the value <local ip address> to the computer's local IP address from step 1.
 - b. Change the value <external ip address> to the computer's external IP address from step 2.
 - c. Make sure the value after the colon following the computer's external IP address matches the port you specified in step 3.
 - d. Save and close this file.
8. Open the startMusicServer.bat file for editing (such as in Notepad).
 - a. Change the value <path to installed directory> to the directory where you extracted the files from step 5.
 - b. Make sure the value after the webservice32 matches the port you specified in step 3.
 - c. Save and close this file.
9. Open the installService.bat file for editing (such as in Notepad).
 - a. Change the value <path to directory> to the directory where you extracted the files from step 5.
 - b. Save and close this file.
10. Open a Command Prompt, being sure to Run As Administrator.
 - a. There are numerous YouTube videos on how to do this.
 - b. Navigate to the directory where you extracted the files from step 5.
11. Type installService.bat and press <Enter>.
 - a. Confirm that this OK to run with Windows, if prompted.
 - b. This will install a Windows service that is your personal web server.

12. Your server is now setup and running.
 - a. Open your browser and navigate to `http:<ip address>:<port>`, where `<ip address>` is the IP address from step 1 and `<port>` is the port from step 3.
 - b. The basic page for your music library should be returned.
 - c. Open your browser and navigate to `http:<ip address>:<port>`, where `<ip address>` is the IP address from step 2 and `<port>` is the port from step 3.
 - d. The basic page for your music library should be returned.
13. To navigate to your music library away from home, use the IP address from step 2.