## **Installing PHP 8.1.12 for Windows IIS 10**

Download the Non-Threadsafe x64 (64-bit) version of PHP 8.1.12 (or latest version) from here https://windows.php.net/download#php-8.1

Unblock the Zip File (Properties - Clear Check Box - "This file came from another computer and is blocked . . . etc" Click OK.

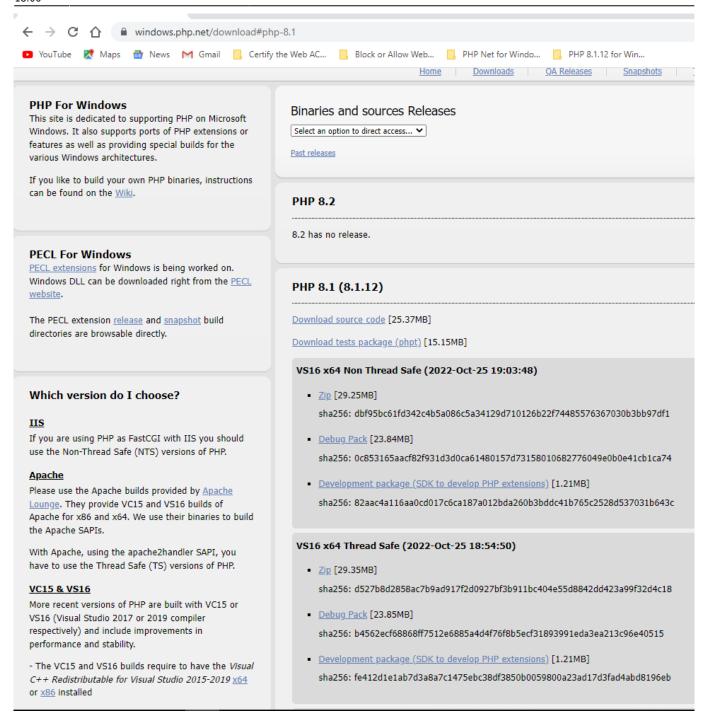
Unzip the Zip File to php\_8\_1

Using Windows file explorer, copy and paste the "php\_8\_1" directory (including its contained files and subdirectories) to your new and separate PHP path, such as c:\php 8 1

Using Notepad++ or similar advanced text editor, in the root of the php\_8\_1 directory, find and open the file "php.ini-production" and save as a new file named "php.ini" without the quotes.

Here is a snapshot of the Windows PHP8 download page which also lists the other requirements such as the Visual C++ Redistributable that must be installed on the Windows server system.

Last update: update: 2022/10/29 installing\_php\_8\_1\_12\_windows\_iis\_10 https://installconfig.com/doku.php?id=installing\_php\_8\_1\_12\_windows\_iis\_10&rev=1667066818 18:06

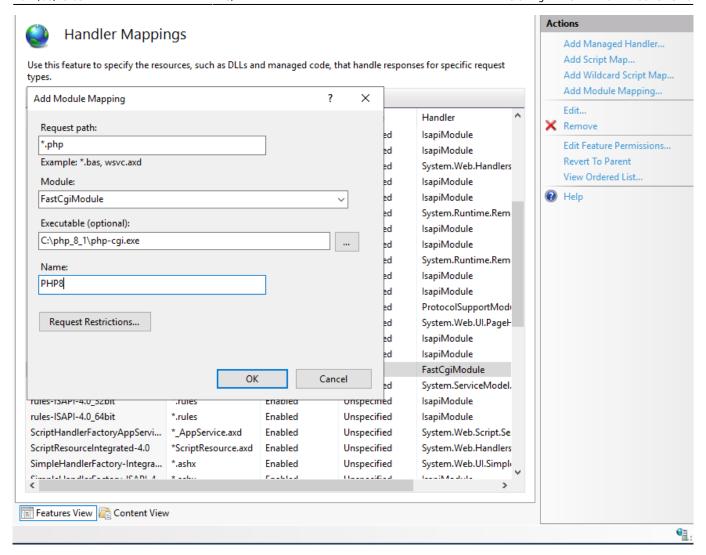


## Configure Handler Mappings for FastCGI Module in IIS Manager

- 1. Start IIS Manager by clicking on Start, Programs, Administrative Tools, and then Internet Information Services (IIS) Manager.
- 2. From the IIS Manager, click on the hostname of your server in the Connections panel on the left.
- 3. Double-click on the Handler Mappings icon. Insert a screen capture here depicting IIS and handler mappings
- 4. From the Handler Mappings Actions panel, click on Add Module Mapping.
- 5. Type the following information into the appropriate text boxes, and then click OK. Request path: \*.php then Module : FastCGImodule then Executable: C:\php\_8\php-cgi.exe then Name: FastCGI

Click OK, and then click Yes.

https://installconfig.com/ Printed on 2024/05/15 05:21



## Configure the php.ini File

- In the c:\php\_8\_1 folder, open the php.ini-production file using a good text editor like Notepad++ and then "save as" the contents of this file using the new file name "php.ini" and then close (x) both the php.ini-production file (tab) and the new php.ini file (tab) from within Notepad++.
- 2. Re-open the php.ini file using Notepad++ text editor and then un-comment and modify certain settings within php.ini as follows:
- Set fastcgi.impersonate = 1 ;REMARK FastCGI under IIS supports the ability to impersonate security tokens of the calling client. This allows IIS to define the security context that the request runs under.
- 4. Set cgi.fix\_pathinfo = 0 ;REMARK The cgi.fix\_pathinfo provides PATH\_INFO/PATH\_TRANSLATED support for Common Gateway Interface (CGI). Setting this to 1 will cause PHP CGI to fix its paths to conform to the specification.
- 5. Set cgi.force redirect = 0
- 6. Set open\_basedir = a path pointing to a folder or network path where the content of the Web site(s) is located. (Such as c:\hostdata), or just leave it commented like this ";open\_basedir =" without the quotes
- 7. Set extension\_dir to point to a location where PHP extensions reside. This is typically extension\_dir = "./ext" However, per remarks in the "php.ini-production" file in both PHP7 and PHP8 it says for "Windows" set it instead as follows: extension\_dir = "ext"
- 8. Set error log="C:php errors.log"; REMARK This can help with troubleshooting. Alternatively, set

 $\label{ling_php_8_1_12_windows_iis_10} \ up \alpha ate: \\ 2022/10/29 \ in stalling_php_8_1_12_windows_iis_10 \ https://in stallconfig.com/doku.php?id=in stalling_php_8_1_12_windows_iis_10 \ https://in stallconfig.com/doku.php.id=in stalling_php_8_1_12_windows_iis_10 \ https://in stallconfig.com/doku.php.id=in stalling_php_8_1_12_windows_iis_10 \ https://in stallconfig.com/doku.php.id=in stalling_php_8_1_12_windows_iis_10 \ https://in stallconfig.com/doku.php.id=in$ 

error\_log = "c:\php\logs\errors\_log" and make a new sub-folder in c:php named "logs" and grant the sub-folder "logs" full control write access for both IUSR and IIS USERS.

9. Enable the required PHP extension by un-commenting the appropriate lines within the extensions section of the php.ini file. See a further discussion of which extensions to enable.

From:

https://installconfig.com/ - Install Config Wiki

Permanent link:

https://installconfig.com/doku.php?id=installing\_php\_8\_1\_12\_windows\_iis\_10&rev=166706681

Last update: 2022/10/29 18:06



https://installconfig.com/ Printed on 2024/05/15 05:21