

2.5.3.2 PHP for Windows

Starting from release 1.8.0, full PHP install is no longer supported by *Microsoft's Web Platform Installer* as the extensions are not included by default. For this reason, install PHP using the Zip file install. The installation steps are as below.

Note

For additional information about PHP for windows you can go to Microsoft's website at <https://learn.microsoft.com/en-us/iis/application-frameworks/install-and-configure-php-on-iis/install-and-configure-php>

PHP Installation Steps

1. Go to Microsoft's PHP install section <https://learn.microsoft.com/en-us/iis/application-frameworks/install-and-configure-php-on-iis/install-and-configure-php#install-php>

- click on the download link **latest non-thread-safe Zip file package**.
- click on **Windows downloads** under current stable version.
- Download the **zip** file under VC15 & VS16 **Non Thread Safe** section.

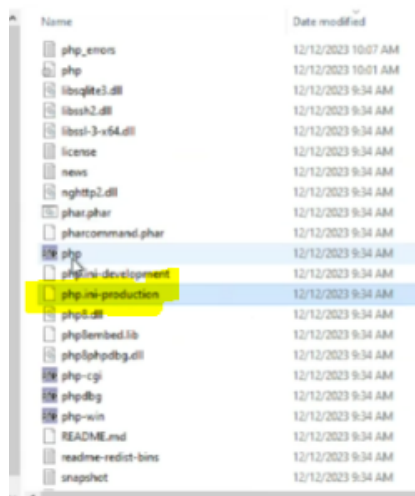
Make sure to select the link for non-thread-safe zip file for the install.

2. Download the **zip** file under **VC15 & VS16 Non Thread Safe** section.

Once the download has finished, extract the files to directory on your IIS server. (for example, C:\PHP)

The VC15 and VS16 PHP builds require that the Visual C++ Redistributable for Visual Studio 2015-2019 x64 or x86 be installed. Make sure you have the install.

3. Once the PHP files are extracted, copy the php.ini-production file to php.ini



4. Edit the php.ini to set the parameters for

`fastcgi.impersonate=1`

`cgi.fix_pathinfo=0`

`cgi.force_redirect=0`

open_basedir=c:\inetpub\wwwroot

```
File Edit Format View Help
cgl.fix_pathinfo provides "real" PATH_INFO/PATH_TRANSLATED
previous behavior was to set PATH_TRANSLATED to 5
what PATH_INFO is. For more information on PATH_I
this to 1 will cause PHP CGI to fix its paths to c
of zero causes PHP to behave as before. Default 1
to use SCRIPT_FILENAME rather than PATH_TRANSLATED
https://php.net/cgi.fix_pathinfo
cgl.fix_pathinfo=1

If cgi.discard_path is enabled, the PHP CGI binary
of the web tree and people will not be able to cl
cgi.discard_path=1

FastCGI under IIS supports the ability to imperson
security tokens of the calling client. This allow
security context that the request runs under. w
does not currently support this feature (03/17/200
Set to 1 if running under IIS. Default is zero.
https://php.net/fastcgi.impersonate
fcgi.impersonate = 1
cgl.fix_pathinfo = 0
cgl.force_redirect = 0
open_basedir=c:\inetpub\wwwroot

Disable logging through FastCGI connection. PHP's
this feature.
fcgi.logging = 0

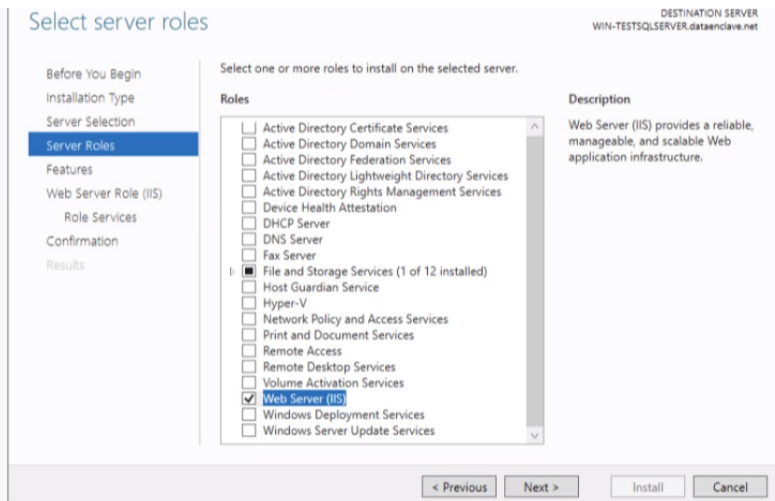
cgl.rfc2616_headers configuration option tells PHP
use when sending HTTP response code. If set to 0,
is supported by Apache. When this option is set to
RFC2616 compliant header.
Default is zero.
https://php.net/cgi.rfc2616-headers
```

5. Follow the documentation in <https://learn.microsoft.com/en-us/iis/application-frameworks/install-and-configure-php-on-iis/install-and-configure-php> to complete the PHP configuration.

Configuring IIS for PHP

Configure IIS server for PHP integration as below.

6. Under the Select roles, check the Web Server (IIS)



7. Under the Select role services, check the CGI selection

Select role services

DESTINATION SERVER
WIN-TESTSQLSERVER.dataencave.net

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Web Server Role (IIS)
Role Services
Confirmation
Results

Select the role services to install for Web Server (IIS)

Role services

- ☐ Centralized SSL Certificate Support
- ☐ Client Certificate Mapping Authentication
- ☐ Digest Authentication
- ☐ IIS Client Certificate Mapping Authentication
- ☐ IP and Domain Restrictions
- ☐ URL Authorization
- ☐ Windows Authentication
- ☒ Application Development
 - ☐ .NET Extensibility 3.5
 - ☐ .NET Extensibility 4.8
 - ☐ Application Initialization
 - ☐ ASP
 - ☐ ASP.NET 3.5
 - ☐ ASP.NET 4.8
 - ☒ CGI
 - ☐ ISAPI Extensions
 - ☐ ISAPI Filters
 - ☐ Server Side Includes
 - ☐ WebSocket Protocol

Description

CGI defines how a Web server passes information to an external program. Typical uses might include using a Web form to collect information and then passing that information to a CGI script to be emailed somewhere else. Because CGI is a standard, CGI scripts can be written using a variety of programming languages. The downside to using CGI is the performance overhead.

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Install

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