

PHP Options

- Overview
- Third-party options
 - Opcode cachers
 - PHP loaders, or encoders
 - Suhosin
- PHP extensions
 - Available PHP extensions
- Additional information
- Mailing Lists

Overview

Use the following options to add functionality to your PHP installation. They are available in WHM's *EasyApache 3* interface (*Home >> Software >> EasyApache 3*).

Important:
The interface automatically hides any options that are not compatible with your PHP version.

Third-party options

You can install the most common third-party PHP applications and third-party extensions in the *Short Options List* stage of WHM's *EasyApache 3* interface.

Opcode cachers

An opcode cacher improves the efficiency of your PHP applications. The following options install an opcode cacher on your web server:

| Opcode cacher | PHP version | | | | Profile name | Vendor |
|---------------|---|---|---|---|---------------|--------|
| | 5.3 | 5.4 | 5.5 | 5.6 | | |
| eAccelerator |  |  |  |  | EAccelerator | Docs |
| xCache |  |  |  |  | Xcache | Docs |
| OPCache |  |  |  |  | PHP5::OpCache | Docs |

Warnings:

- Opcode caching programs, such as XCache, eAccelerator, and OPcache, are **not** compatible with the suPHP PHP handler. The caching program will either not function, or will function incorrectly.
- The system does **not** automatically configure XCache. You **must** manually configure XCache after installation.
- The system does **not** automatically configure OPcache. You **must** manually configure OPcache after installation.

Featured

documentation

EasyApache 3

[Introduction – FAQ](#)

[Change Log – Release Notes](#)

[Profiles – Customization](#)

Apache

[Apache Modules](#)

[Advanced Apache Configuration](#)

PHP

[PHP Options](#)

[PHP Handlers](#)

Tomcat

[Migrate from Tomcat 5.5 to 7](#)

[How to Deploy Java Applications](#)


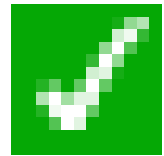
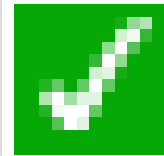
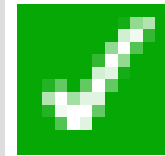
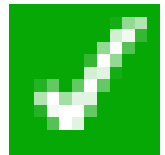
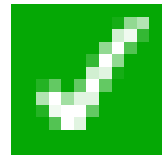
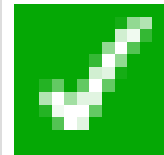
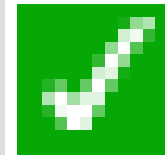
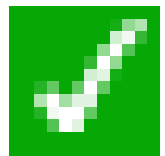
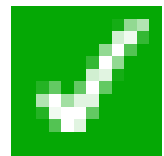
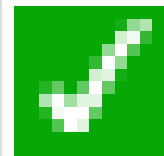
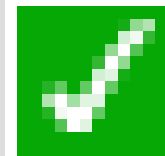
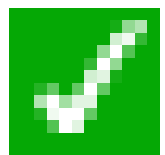
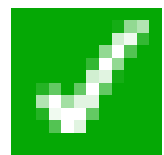
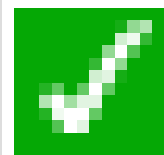
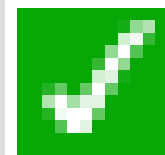
Important:
EasyApache 3 does **not** support new installations of Tomcat.

As of cPanel & WHM version 76, EasyApache 4 now supports Tomcat 8.5. For more information, read our [Tomcat documentation](#).

- The OPcache extension is **not** compatible with xCache. If you enable xCache, EasyApache disables OPcache.
- We **strongly** recommend the DSO or fcgi PHP handlers for the OPcache opcode cacher.
- Do **not** install multiple PHP caching programs on the same system. Multiple opcode caching programs consume excessive memory and degrade system performance.

PHP loaders, or encoders

A PHP loader allows a PHP encoder application to work with your PHP scripts. A PHP encoder application encodes your PHP scripts so that others cannot access your code. You can use one of the following options to install a PHP loader on your web server:

| PHP encoder | PHP version | | | | Profile name Cpanel::Easy:: | Vendor |
|-----------------------|---|---|---|---|--------------------------------|----------------------|
| | 5.3 | 5.4 | 5.5 | 5.6 | | |
| SourceGuardian Loader |  |  |  |  | SourceGuardian | Docs |
| IonCube Loader 4 |  |  |  |  | IonCubeLoader | Docs |
| IonCube Loader 5 |  |  |  |  | IonCube5 | Docs |
| Zend Guard Loader |  |  |  |  | Zendopt | Docs |

Important:

- Use IonCube Loader 5 at your own risk. Check the [IonCube news page](#) and report any unexpected behavior to IonCube.
- You can **only** use one version of IonCube.

Note:

The Apache information page incorrectly shows Zend Guard Loader as version 3.3. Your version of PHP determines the version of Zend Guard Loader that the system actually uses.

- If you use PHP versions 5.5 or 5.6, EasyApache uses Zend Guard Loader version 7.0.
- If you use PHP version 5.4, EasyApache uses Zend Guard Loader version 6.0.
- If you use PHP version 5.3, EasyApache uses Zend Guard Loader version 5.5.

The Suhosin patch improves the security of your PHP installation.

Notes:

- If you use PHP 5.4 or above, EasyApache uses Suhosin 0.9.38.
- If you use PHP 5.3, EasyApache uses Suhosin 0.9.33.

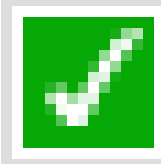
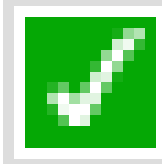
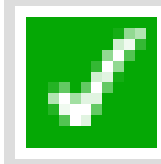
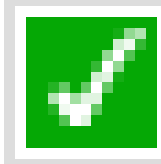
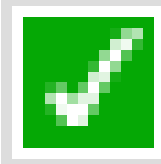
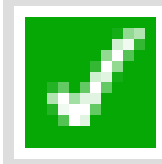
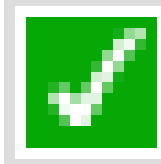
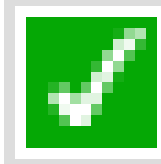
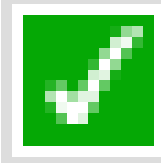
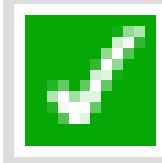
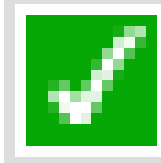
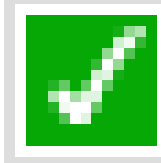
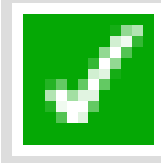
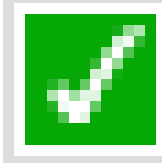
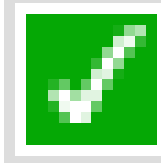
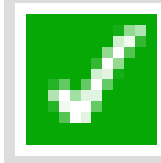
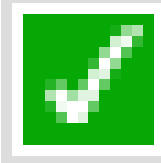
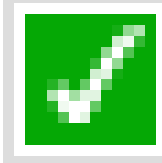
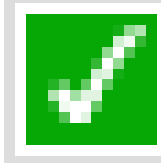
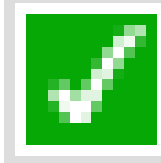
PHP extensions

PHP provides many built-in extensions that allow you to add functionality to your PHP applications or your web server. Select the PHP extensions that you wish to use in the *Exhaustive Options List* stage of WHM's *EasyApache 3* interface.

Available PHP extensions

Note:

Modules marked with **(default)** load in the Basic profile by default.

| Module name | PHP version | | | | Profile name Cpanel::Easy::PHP5:: | Vendor | Description |
|-------------|---|---|---|--|--------------------------------------|----------------------|--|
| | 5.3 | 5.4 | 5.5 | 5.6 | | | |
| bcmath |  |  |  |  | Bcmath | Docs | (default) Arbitrary precision mathematics |
| bz2 |  |  |  |  | Bz2 | Docs | Read and write bzip2 (.bz2) compressed files |
| cgi |  |  |  |  | CGI | Docs | PHP-CGI |
| calendar |  |  |  |  | Calendar | Docs | (default) Calendar date manipulation |
| curl |  |  |  |  | Curl | Docs | Support for Curl, http, https, ftp, telnet, etc) |

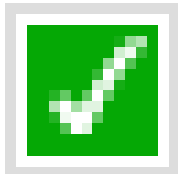
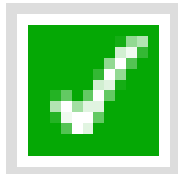
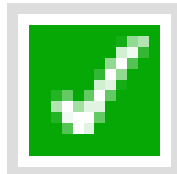
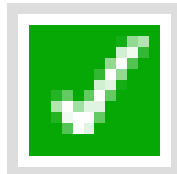
| | | | | | | | |
|--------------|---|---|---|--|--------------|----------------------|--|
| curlssl |  |  |  |  | CurlSSL | Docs | (default) Add support with S |
| curlwrappers |  |  |  |  | Curlwrappers | Docs | Add Curl support (wrapper) |
| enchant |  |  |  |  | Enchant | Docs | Spell check |
| exif |  |  |  |  | Exif | Docs | Parse image metadata |
| expat |  |  |  |  | Expat | Docs | XML parser |
| fileinfo |  |  |  |  | FileInfo | Docs | Content/Encoding detection |
| ftp |  |  |  |  | FTP | Docs | (default) FTP Transfer Protocol support |
| gd |  |  |  |  | GD | Docs | (default) Image functions (GIF, JPG, PNG) |
| gettext |  |  |  |  | Gettext | Docs | Native language support API |

| | | | | | | | |
|--------------|---|---|---|--|-------------|----------------------|--|
| iconv |  |  |  |  | Iconv | Docs | (default) Character set conversion |
| imap |  |  |  |  | Imap | Docs | (default) Mail functions (SMTP, POP3, IMAP) |
| intl |  |  |  |  | Intl | Docs | Internationalization support |
| mm |  |  |  |  | MM | Docs | Shared memory allocation |
| magic quotes |  |  |  |  | MagicQuotes | Docs | (default) Enable Magic Quotes |
| mailheaders |  |  |  |  | MailHeaders | Docs | (default) Add script name to PHP mail headers |
| mbregex |  |  |  |  | Mbregex | Docs | Disable mbregex support |
| mbstring |  |  |  |  | Mbstring | Docs | Enhanced Chinese, Japanese, and other language support |
| mcrypt |  |  |  |  | Mcrypt | Docs | (default) Encryption support |

| | | | | | | | |
|---------------------|---|---|---|--|---------------|----------------------|---|
| mysql |  |  |  |  | Mysql | Docs | (default) MyS database acce |
| mysql of the system |  |  |  |  | MysqlOfSystem | Docs | (default) MyS database acce |
| mysqli |  |  |  |  | Mysqli | Docs | MySQL improv database acce |
| opcache |  |  |  |  | Opcache | Docs | OPCache opcc cacher |
| openssl |  |  |  |  | Openssl | Docs | (default) Oper L library interfa |
| pdo |  |  |  |  | PDO | Docs | (default) PDO database supp |
| pdo mysql |  |  |  |  | PDOMySQL | Docs | (default) PDO MySQL suppor |
| posix |  |  |  |  | POSIX | Docs | Extended POS support |
| pear |  |  |  |  | Pear | Docs | (default) Disat Pear |

| | | | | | | | |
|--------------------------|---|---|---|--|------------------------|----------------------|--|
| pgsql |  |  |  |  | Pgsql | Docs | PostgreSQL D support |
| phar |  |  |  |  | Phar | Docs | (default) Disat Phar |
| pspell |  |  |  |  | Pspell | Docs | Spell check |
| safemode |  |  |  |  | SafeMode | Docs | Enable safe m |
| safe php cgi |  |  |  |  | SafePHP CGI | Docs | Restrict php . i |
| silence deprecated patch |  |  |  |  | SilenceDeprecatedPatch | Docs | Disable warnin for deprecated features |
| snmp |  |  |  |  | SNMP | Docs | SNMP (Simple Network Management Protocol) supp |
| soap |  |  |  |  | SOAP | Docs | (default) SOAI server and clie support |
| sockets |  |  |  |  | Sockets | Docs | (default) Raw socket support |

| | | | | | | | |
|--------------------|---|---|---|--|----------------|----------------------|---|
| sqlite3 |  |  |  |  | SQLite3 | Docs | (default) SQLite version 3 database support |
| system timezone |  |  |  |  | SystemTimezone | Docs | Use system timezone |
| tidy |  |  |  |  | Tidy | Docs | Tidy HTML formatter |
| ttf |  |  |  |  | TTF | Docs | (default) GD: TrueType font support |
| wddx |  |  |  |  | Wddx | Docs | WDDX support |
| xsl |  |  |  |  | XslSablot | Docs | XSL support |
| xmlrpc |  |  |  |  | XmlRPC | Docs | XMLRPC client and server support |
| zend multibyte |  |  |  |  | ZendMultibyte | Docs | Enable Multibyte support |
| zip |  |  |  |  | Zip | Docs | Read and write archives |

| | | | | | | | |
|------|---|---|---|--|------|------|---|
| zlib |  |  |  |  | Zlib | Docs | (default) Read and write gzip archives |
|------|---|---|---|--|------|------|---|

Additional information

To keep track of the latest PHP news and issues, use the following third-party resources:

- [Bug Tracker: Mantis](#)
- [Newsgroups](#)

Mailing Lists

A complete list is available [here](#).

| List name | Subscribe | Post | Archive | Description |
|------------------|---------------------------|------|-------------------------|---|
| Announce | Subscribe | n/a | Archive | Read only: Release announcements |
| Bugs | Subscribe | n/a | Archive | Read only: Bug report archive |
| CVS | Subscribe | n/a | Archive | Read only: CVS (source) commits |
| General | Subscribe | Post | Archive | Discussion: PHP users |
| Internals | Subscribe | Post | Archive | Discussion: PHP development |
| Docs | Subscribe | Post | Archive | Discussion: Documentation and translation submissions |
| Docs Bugs | Subscribe | Post | Archive | Discussion: Documentation bugs |