

PHP Options

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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.

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EasyApache 3

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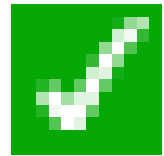
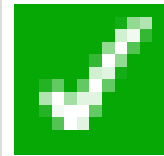
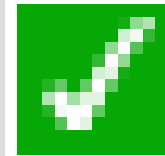
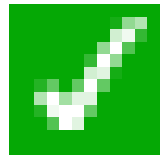
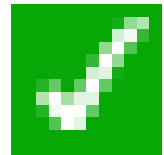
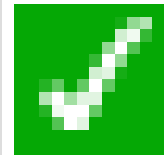
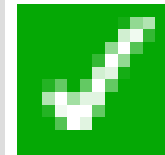
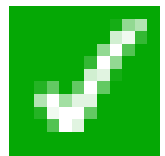
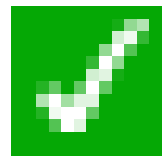
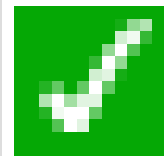
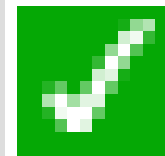
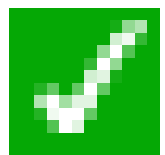
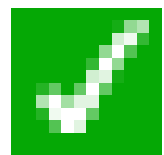
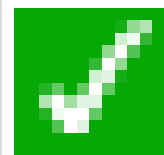
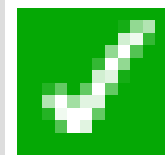
Important:
EasyApache 3 does **not** support new installations of Tomcat.

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.

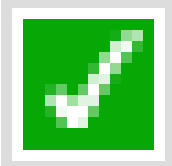
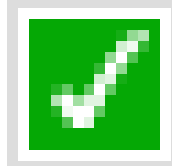
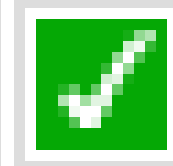
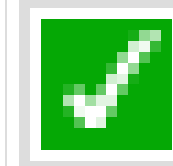
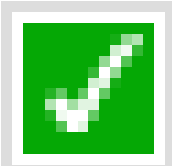
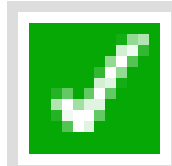
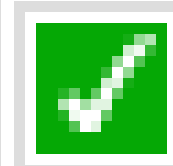
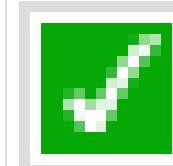
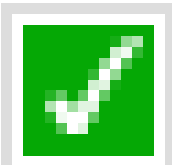
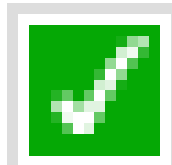
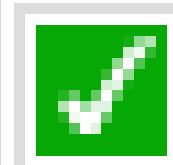
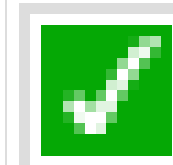
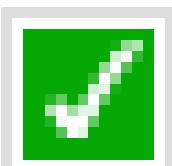
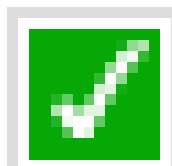
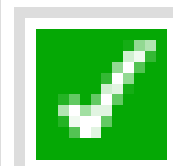
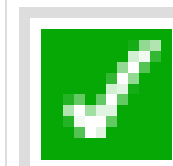
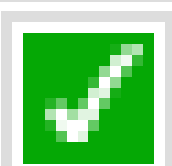
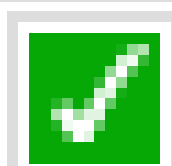
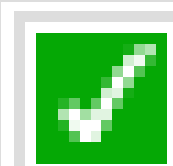
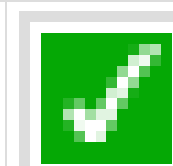
PHP extensions

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)

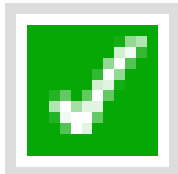
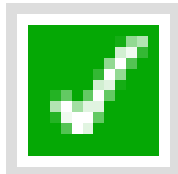
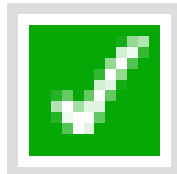
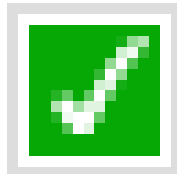
curlssl					CurlSSL	Docs	(default) Add support with S
curlwrappers					Curlwrappers	Docs	Add Curl support (wrapper)
enchant					Enchant	Docs	Spell check
exif					Exif	Docs	Parse image metadata
expat					Expat	Docs	XML parser
fileinfo					FileInfo	Docs	Content/Encoding detection
ftp					FTP	Docs	(default) 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					SafePHPCGI	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
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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