

# The rebuild\_phpconf Script

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## Important:

This document **only** applies to systems that run EasyApache 4.

## Overview

The `/usr/local/cpanel/bin/rebuild_phpconf` script manages your server's default PHP version and PHP handlers in EasyApache 4. You can use this script to set your system default PHP version or change the PHP handler for a PHP version. You can also make these changes in WHM's [MultiPHP Manager](#) interface (*WHM >> Home >> Software >> MultiPHP Manager*).

## The /bin/rebuild\_phpconf script

To use the `/bin/rebuild_phpconf` script, run the following script:

```
/usr/local/cpanel/bin/rebuild_phpconf [arguments]
```



## Note:

When you run the `/bin/rebuild_phpconf` script, the system writes to the `/etc/cpanel/ea4/php.conf` file. The system backs up any changes made to this file to the `/etc/cpanel/ea4/php.conf.bak/TIME.PID` file, where `TIME` represents the time the system made the change and `PID` represents the process PID. The system **only** keeps the 20 most recent `php.conf` file changes.

## Arguments

The `/usr/local/cpanel/bin/rebuild_phpconf` script accepts the following arguments:

| Argument                       | Description   | Example   |
|--------------------------------|---|---|
| <code>--default=version</code> | Set the default version of PHP that Apache uses.<br><br>In this argument, <code>version</code> represents the name of the PHP package that you wish to set as the default PHP version.  | <code>/usr/local/cpanel/bin/rebuild_phpconf --default=ea-php71</code> |
| <code>--version=handler</code> | Set the PHP handler that the specified PHP version uses.<br><br>In this argument, <code>version</code> represents the name of the PHP package that you wish to set the PHP handler for, and <code>handler</code> represents the name of the PHP handler that you wish to use. | <code>/usr/local/cpanel/bin/rebuild_phpconf --ea-php71=suphp</code>   |
| <code>--current</code>         | Display the current PHP handler settings.   | <code>/usr/local/cpanel/bin/rebuild_phpconf --current</code>          |
| <code>--available</code>       | Display the available handlers and PHP versions.  | <code>/usr/local/cpanel/bin/rebuild_phpconf --available</code>        |
| <code>--help</code>            | Display a help message.   | <code>/usr/local/cpanel/bin/rebuild_phpconf --help</code>             |
| <code>--dryrun</code>          | Display the changes that a set of arguments would make to Apache.   | <code>/usr/local/cpanel/bin/rebuild_phpconf --dryrun</code>           |
| <code>--no-restart</code>      | Do <b>not</b> restart Apache after you make changes.  | <code>/usr/local/cpanel/bin/rebuild_phpconf --no-restart</code>       |
| <code>--errors</code>          | Print errors to STDERR as well as the log file.   | <code>/usr/local/cpanel/bin/rebuild_phpconf --errors</code>           |

|                         |  |  |
|-------------------------|--|--|
| <code>--no-users</code> | Do not update user settings when you update a PHP version's handler. | <code>/usr/local/cpanel/bin<br/>/rebuild_phpconf --no-users</code> |
|-------------------------|--|--|

## Examples

The following example sets the default PHP version to PHP 7.1 and the PHP handler to `cgi`:

```
/usr/local/cpanel/bin/rebuild_phpconf --default=ea-php71 --ea-php71=cgi
```

The following example displays the requested changes, but does **not** apply them:

```
/usr/local/cpanel/bin/rebuild_phpconf --dryrun --ea-php71=cgi --ea-php72=suphp
```

The following example changes the handler for PHP 7.1 to `dso`, but does **not** change the PHP handler for the users that use PHP 7.1:

```
/usr/local/cpanel/bin/rebuild_phpconf --ea-php71=dso --no-users
```

## Additional documentation

- [The rebuild\\_phpconf Script](#)
- [MultiPHP Manager for WHM](#)
- [PHP-FPM Code and FileSystem Layout for EasyApache 4](#)
- [Apache vs PHP-FPM Bottleneck with Child Processes](#)
- [PHP-FPM User Pools](#)