

# Create Custom PHP Directives

## Overview

**Important:**

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

This document explains how to add custom PHP INI directives to your system's PHP configuration. This ensures that you can manage them in the *Editor Mode* of WHM's *MultiPHP INI Editor* interface (WHM >> Home >> Software >> MultiPHP INI Editor).

If your system requires extra PHP configuration, you may wish to create custom PHP directives. If you want the system to validate your custom directives, you **must** add them to the `/etc/cpanel/ea4/phpini_directives` directory.

## How to add a custom PHP directive

To add a custom PHP directive, perform the following steps:

1. Create the `/etc/cpanel/ea4/phpini_directives` directory if it does not already exist.
2. Inside the directory, create a `.yaml` file that contains a hash of the directives that you wish to add **inside** the `directives` key.

**Important:**

The hash inside your `.yaml` file's `directives` key **must** use the same format as the `/usr/local/cpanel/whostmgr/etc/phpini_directives.yaml` file.

Your file might resemble the following example:

```
directives:
  directive_foo:
    changeable: PHP_INI_ALL
    default: foo
    multiple: 0
    note: '...'
    section: '...'
    type: string
  directive_bar:
    changeable: PHP_INI_PERDIR
    default: 1
    multiple: 0
    note: '...'
    deprecated: 5.4.0
    section: '...'
    type: boolean
```

**Notes:**

- If your new directive already exists, the system ignores it.
- The system reads the `/usr/local/cpanel/whostmgr/etc/phpini_directives.yaml` file first, and then reads the files in the `/etc/cpanel/ea4/phpini_directives` directory in **ASCII order**. It will use the first occurrence of any directive that it reads from a `.yaml` file.

## Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [How to Manage Your php.ini Directives with PHP-FPM](#)
  - [How to Set Up \(PHP\) Composer](#)
  - [PHP Security Concepts](#)
  - [How to Harden PHP](#)
  - [Create Custom PHP Directives](#)
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- [PHP](#)
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- [How to Manage Your php.ini Directives with PHP-FPM](#)
  - [How to Set Up \(PHP\) Composer](#)
  - [PHP Security Concepts](#)
  - [How to Harden PHP](#)
  - [Create Custom PHP Directives](#)
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- [WHM API 1 Functions - php\\_set\\_vhost\\_versions](#)
  - [Guide to the LiveAPI System - LiveAPI Methods](#)
  - [Tutorial - Call UAPI's SSL::install\\_ssl Function in Custom Code](#)
  - [UAPI Functions - LangPHP::php\\_get\\_impacted\\_domains](#)
  - [WHM API 1 Functions - php\\_fpm\\_config\\_get](#)