

# PHP open\_basedir Tweak

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## Overview

The `open_basedir` tweak limits the user's ability to browse the file system with PHP. It prevents PHP's access to the user's home directory, the `/tmp` directory, and some necessary PHP system directories. This helps to protect your system from unauthorized access through PHP.

### Note:

This security tweak modifies the Apache configuration file, regardless of the [PHP handler](#) that you select.

- Apache only uses configuration file PHP directives if you select the DSO handler.
- If you configure PHP to run as a CGI, suPHP, or FastCGI process, you **must** manually specify the `open_basedir` directive in the appropriate `php.ini` file. Each user **requires** their own `php.ini` files when you select a PHP handler that is not DSO.

## Enable the open\_basedir tweak

To enable the `open_basedir` tweak, perform the following steps:

1. Select the *Enable php open\_basedir Protection* checkbox.
2. Select the checkboxes that correspond to the domains that you wish to exclude.
3. Click *Save*.

## open\_basedir directives

When you enable the `open_basedir` tweak, the system adds PHP directives to each Virtual Host in the `httpd.conf` file.

These directives limit users' PHP access to the following directories:

```
/usr/lib/php  
/usr/local/lib/php  
/tmp
```

## Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)

- [PHP open\\_basedir Tweak](#)
- [Configuration Values of PHP-FPM](#)
- [Global Configuration](#)
- [Tweak Settings - PHP](#)
- [Log Rotation](#)
  
- [Apache Handlers](#)
- [PHP](#)
- [PHP PEAR Packages](#)

- Errors
- MultiPHP INI Editor for cPanel
- PHP open\_basedir Tweak
- How to Configure PHP and suEXEC from the Command Line
- How to Modify Your Hosts File
- How to Manage Your php.ini Directives with PHP-FPM
- How to Set Up (PHP) Composer
  
- UAPI Functions - LangPHP::php\_get\_impacted\_domains
- WHM API 1 Functions - php\_fpm\_config\_set
- WHM API 1 Functions - php\_fpm\_config\_get
- cPanel API 2 Modules - UserHttpUtils
- UAPI Modules - Mime