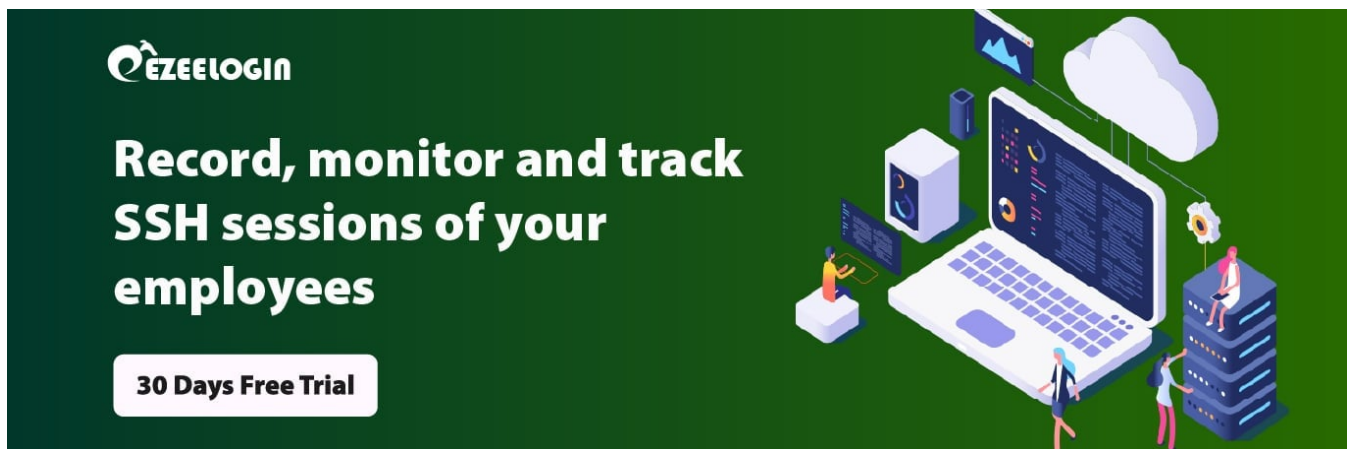


# How to install and switch different versions of PHP in Ubuntu?

506 Nesvin KN September 17, 2024 [General](#) 32533



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## How to install multiple PHP versions in Ubuntu?

**Installing and switching different versions of PHP** is important because different applications and websites require different versions of PHP to function properly. For example, an older website may require an older version of PHP to work, while a newer application may require a newer version of PHP.

In addition, some developers may prefer to work with a specific version of PHP for their projects. Being able to switch between different versions of PHP allows developers to work with the version that is best suited for their project.

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1. Run the below command to install PPA and enable the PHP repository.

```
[REDACTED]
```

2. Install different versions of PHP by the below commands.

```
[REDACTED]
```

3. You can check the PHP version from CLI using the below command.

```
[REDACTED]
```

4. You can check the PHP version for GUI by adding *phpinfo.php* and accessing with `<server-ip>/phpinfo.php`

```
[REDACTED]
```

5. Check all PHP versions installed on *ubuntu* by running the below commands.

```
[REDACTED]
```

## How to switch PHP version for CLI?

Run the below command and select the **PHP version** you want to switch to. In the below example I'm switching the PHP version to 7.4.

```
[REDACTED]
```

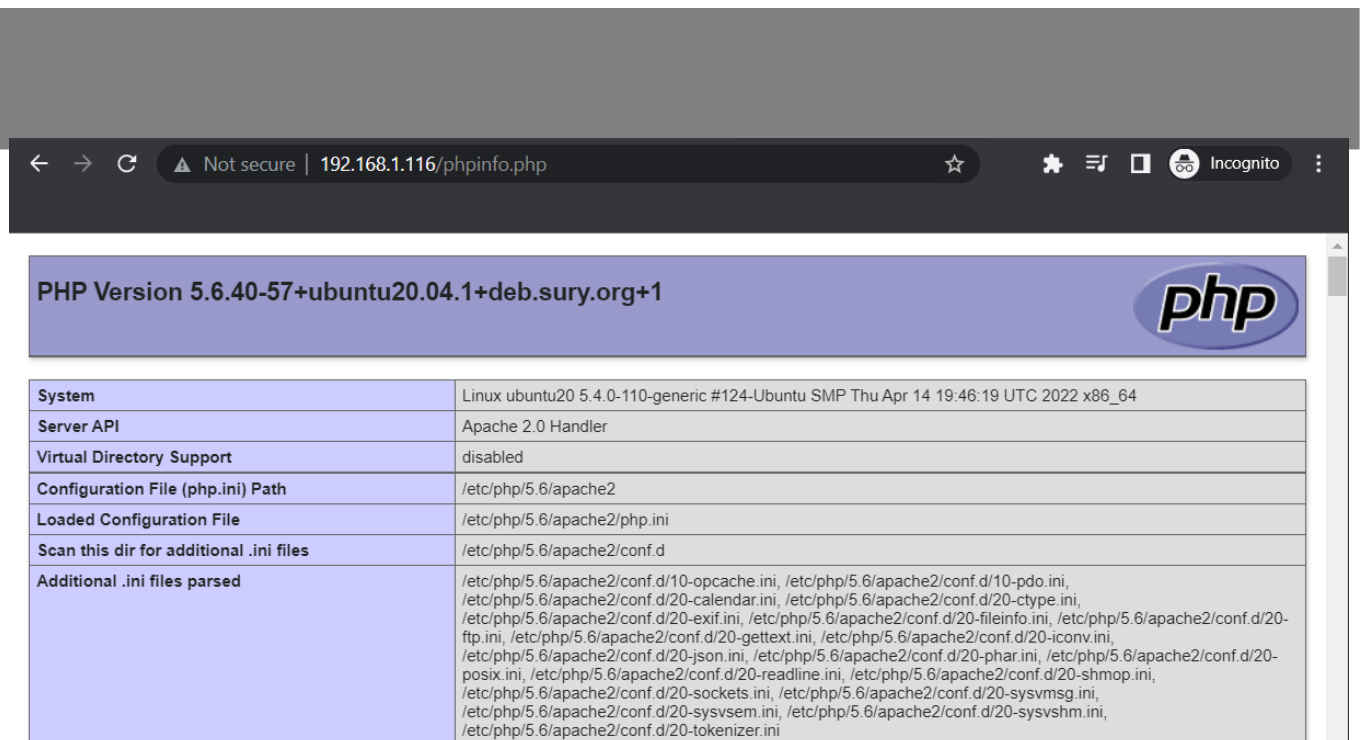


After completing above three steps, check *php version* by running the below command.



## How to switch PHP version for GUI?

1. View current version loaded in GUI by viewing the **PHP** configuration file. Run below command and view the configuration in browser with `<server_ip>/phpinfo.php`




System	Linux ubuntu20 5.4.0-110-generic #124-Ubuntu SMP Thu Apr 14 19:46:19 UTC 2022 x86_64
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/5.6/apache2
Loaded Configuration File	/etc/php/5.6/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/5.6/apache2/conf.d
Additional .ini files parsed	/etc/php/5.6/apache2/conf.d/10-opcache.ini, /etc/php/5.6/apache2/conf.d/10-pdo.ini, /etc/php/5.6/apache2/conf.d/20-calendar.ini, /etc/php/5.6/apache2/conf.d/20-ctype.ini, /etc/php/5.6/apache2/conf.d/20-exif.ini, /etc/php/5.6/apache2/conf.d/20-fileinfo.ini, /etc/php/5.6/apache2/conf.d/20-ftp.ini, /etc/php/5.6/apache2/conf.d/20-gettext.ini, /etc/php/5.6/apache2/conf.d/20-iconv.ini, /etc/php/5.6/apache2/conf.d/20-json.ini, /etc/php/5.6/apache2/conf.d/20-phar.ini, /etc/php/5.6/apache2/conf.d/20-posix.ini, /etc/php/5.6/apache2/conf.d/20-readline.ini, /etc/php/5.6/apache2/conf.d/20-shmop.ini, /etc/php/5.6/apache2/conf.d/20-sockets.ini, /etc/php/5.6/apache2/conf.d/20-sysvmsg.ini, /etc/php/5.6/apache2/conf.d/20-sysvsem.ini, /etc/php/5.6/apache2/conf.d/20-sysvshm.ini, /etc/php/5.6/apache2/conf.d/20-tokenizer.ini

2. Run the below commands to disable and enable *multi PHP versions*.



3. Now refresh GUI and confirm the **PHP** version has changed.

PHP Version 7.4.29 	
System	Linux ubuntu20 5.4.0-110-generic #124-Ubuntu SMP Thu Apr 14 19:46:19 UTC 2022 x86_64
Build Date	Apr 21 2022 10:16:36
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.4/apache2
Loaded Configuration File	/etc/php/7.4/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.4/apache2/conf.d
Additional .ini files parsed	/etc/php/7.4/apache2/conf.d/10-opcache.ini, /etc/php/7.4/apache2/conf.d/10-pdo.ini, /etc/php/7.4/apache2/conf.d/20-calendar.ini, /etc/php/7.4/apache2/conf.d/20-ctype.ini, /etc/php/7.4/apache2/conf.d/20-exif.ini, /etc/php/7.4/apache2/conf.d/20-ffi.ini, /etc/php/7.4/apache2/conf.d/20-fileinfo.ini, /etc/php/7.4/apache2/conf.d/20-ftp.ini, /etc/php/7.4/apache2/conf.d/20-gettext.ini, /etc/php/7.4/apache2/conf.d/20-iconv.ini, /etc/php/7.4/apache2/conf.d/20-json.ini, /etc/php/7.4/apache2/conf.d/20-phar.ini, /etc/php/7.4/apache2/conf.d/20-posix.ini, /etc/php/7.4/apache2/conf.d/20-readline.ini, /etc/php/7.4/apache2/conf.d/20-shmop.ini, /etc/php/7.4/apache2/conf.d/20-sockets.ini, /etc/php/7.4/apache2/conf.d/20-sysvmsg.ini, /etc/php/7.4/apache2/conf.d/20-sysvsem.ini, /etc/php/7.4/apache2/conf.d/20-sysvshm.ini, /etc/php/7.4/apache2/conf.d/20-tokenizer.ini

## FAQ

### 1. Can we install multiple PHP versions?

Yes, it is possible to install multiple versions of PHP on the same Ubuntu system. This allows you to switch between different versions of PHP depending on the requirements of your projects or applications.

### 2. How to install multiple PHP versions Ubuntu 20?

There are different ways to install multiple PHP versions, but one common method is to use a package manager like apt-get to install each version of PHP as a separate package. Refer the article [How to install multiple PHP versions in Ubuntu?](#)

### 3. How to switch between multiple PHP versions In Ubuntu?

Refer the article [How to install multiple PHP versions in Ubuntu?](#)

Online URL:

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