

Downgrade PHP8.1 to PHP8.0 or PHP7.4 on Ubuntu 22.04

Ubuntu 22.04 comes with `PHP 8.1`. This article describes how to change this and install and set as default the version `8.0` or `7.4`.

Install PHP Version

Install the required dependencies.

```
sudo apt install software-properties-common ca-certificates lsb-release apt-transport-https
```

Add the required PPA

```
LC_ALL=C.UTF-8 sudo add-apt-repository ppa:ondrej/php
```

Update the Apt package manager

```
sudo apt update
```

Install PHP 8.0 and all the PHP modules for Drupal 9.

```
sudo apt install php8.0  
sudo apt install php8.0-mysql php8.0-mbstring php8.0-xml php8.0-curl php8.0-gd
```

Switch PHP versions and enable PHP 8.0

Set 8.09 as the default PHP version for CLI and Apache.

Command Line PHP

```
sudo update-alternatives --config php
```

Select php8.0 from the list with the available options:

```
There are 2 choices for the alternative php (providing /usr/bin/php). Selection    Path
-----
  0                /usr/bin/php8.1  81                auto mode
* 1                /usr/bin/php8.0  80                manual mode
  2                /usr/bin/php8.1  81                manual mode
Press <enter> to keep the current choice[*]
```

Apache PHP

Disable PHP 8.1

```
sudo a2dismod php8.1
sudo systemctl restart apache2
```

Enable PHP 8.0

```
sudo a2enmod php8.0
sudo systemctl restart apache2
```

Verify PHP Version

```
php -vOutput
PHP 8.0.18 (cli) (built: May 1 2022 04:42:09) ( NTS )
Copyright (c) The PHP Group
Zend Engine v4.0.18, Copyright (c) Zend Technologies
    with Zend OPcache v8.0.18, Copyright (c), by Zend Technologies
```

For verifying the PHP version Apache uses, specify the configuration `.ini` file.

```
php -c /etc/php/apache2/php.ini -v
```

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