# Install LAMP Stack (Linux, Apache, MySQL, PHP) in Ubuntu

# [**https://www.youtube.com/watch?v=vazRx1Ei8VA**](https://www.youtube.com/watch?v=vazRx1Ei8VA)

emil@DBCPC37 ~ $ Sudo apt-get update

emil@DBCPC37 ~ $ sudo apt-get install apache2

Now open browser and check localhost is working also check with ip

Install php

Sudo apt-get install php

sudo apt-get install apache2 php-mysql libapache2-mod-php mysql-server

Give mysql password dbc@123

Now create sample test.php file in /var/www/http/

emil@DBCPC37 ~ $ sudo nano /var/www/html/test.php

Add this line

<?php echo 'Hello World'; ?>

Save and close

Now try to access in browser <http://localhost/test.php>

The page should come.

Now create a database

emil@DBCPC37 ~ $ mysql -u root -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 4

Server version: 5.7.26-0ubuntu0.16.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database testdb

-> ;

Query OK, 1 row affected (0.00 sec)

mysql> show databases

-> ;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| mysql |

| performance\_schema |

| sys |

| testdb |

+--------------------+

5 rows in set (0.02 sec)

mysql>

Exit

Now install phpmyadmin

emil@DBCPC37 ~ $ sudo apt-get install phpmyadmin

It will ask for what kind of web server, I did not select any thing.

I gave password for phpmyadmin sql@dbc

Now try to access localhost/phpmyadmin in browser

I got and error

So I edited.

emil@DBCPC37 ~ $ sudo nano /etc/php/7.3/apache2/php.ini

And uncomment only one line below

;extension=interbase

;extension=ldap

;extension=mbstring

;extension=exif ; Must be after mbstring as it depends on it

**extension=mysqli**

;extension=oci8\_12c ; Use with Oracle Database 12c Instant Client

;extension=odbc

Save and close

Restart apache and try again

Still not working

Then I added this line to the following file

emil@DBCPC37 ~ $ sudo nano /etc/apache2/apache2.conf

# Include the virtual host configurations:

IncludeOptional sites-enabled/\*.conf

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet

**Include /etc/phpmyadmin/apache.conf**

Restarted apache , now it is woring

<http://localhost/phpmyadmin/>

User : root

Password : dbc@123

I was getting an error while insert database and other, so I edited a file

emil@DBCPC37 ~/Desktop $ sudo nano -c /usr/share/phpmyadmin/libraries/sql.lib.php

I edited the line no. 601

From

&& ((empty($analyzed\_sql\_results['select\_expr']))

|| (count($analyzed\_sql\_results['select\_expr'] == 1)

&& ($analyzed\_sql\_results['select\_expr'][0] == '\*')))

&& count($analyzed\_sql\_results['select\_tables']) == 1;

To

&& ((empty($analyzed\_sql\_results['select\_expr']))

|| (count($analyzed\_sql\_results['select\_expr']) == 1

&& ($analyzed\_sql\_results['select\_expr'][0] == '\*')))

&& count($analyzed\_sql\_results['select\_tables']) == 1;

Now it is working.

I was not able to copy any directroy to /var/ww/html

**emil@DBCPC37 ~/Desktop $ cp vrps.in/ /var/www/html/**

**cp: omitting directory 'vrps.in/'**

Then I copied using below command

**emil@DBCPC37 ~/Desktop $ cp -r vrps.in/ /var/www/html/**

**emil@DBCPC37 ~/Desktop $**