

Moodle installation on Ubuntu by Beard Dev

Tutorial - Installing Moodle on Ubuntu Linux

“Install a list of required applications.”

```
apt-get update
```

```
apt-get install graphviz aspell ghostscript clamav git
```

“Install the MySQL database service.”

```
apt-get update
```

```
apt-get install mysql-server mysql-client
```

“Install the Apache web server with PHP support.”

```
apt-get update
```

```
apt-get install apache2 php libapache2-mod-php php-cli php-mysql php-mbstring php-xmlrpc php-zip
```

```
apt-get install php-gd php-xml php-bcmath php-ldap php-pspell php-curl php-intl php-soap
```

“Restart the Apache service.”

```
service apache2 restart
```

“Download and install the Moodle application.”

```
mkdir /downloads
```

```
cd /downloads
```

```
wget https://download.moodle.org/stable38/moodle-latest-38.tgz
```

```
tar -zxvf moodle-latest-38.tgz
```

```
cp /downloads/moodle /var/www/html/ -R
```

```
chown www-data:www-data /var/www/html/moodle -R
```

```
chmod 0755 /var/www/html/moodle -R
```

“Create a required directory named moodledata.”

```
mkdir /var/www/moodledata
```

```
chown www-data /var/www/moodledata -R
```

```
chmod 0770 /var/www/moodledata -R
```

You have finished the moodle installation.

Tutorial - Moodle Web Installer

Open your browser and enter the IP address of the web server plus /moodle.

In our example, the following URL was entered in the browser:

`http://192.168.0.10/moodle`

The Moodle web installation interface should be presented.

Select the desired language and click the Next button.

Language	English (en) ▼
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Check the moodle installation URL, directory, data directory and click Next button.

Web address	<code>http://192.168.0.10/moodle</code>
Moodle directory	<code>/var/www/html/moodle</code>
Data directory	<code>/var/www/moodledata</code>

Select the enhanced mySQL (native / mysqli) and click the Next button,

Enter the database information needed to connect to the Moodle database.

Database host: localhost

Database name: moodle

- Database password: kamisama123

Table prefix: mdl_

Database host	localhost
Database name	moodle
Database user	moodle
Database password	kamisama123
Tables prefix	mdl_
Database port	
Unix socket	

On the next screen, read the license agreement and click the Next button.

Confirm

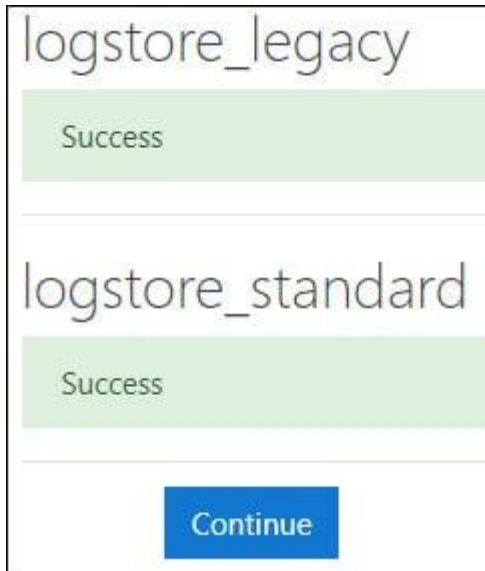
Have you read these conditions and understood them?

Continue Cancel

Make sure all PHP requirements are met and click the Continue button.

unicode		❗ must be installed and enabled	OK
database	mysql (8.0.19-0ubuntu0.19.10.3)	❗ version 5.6 is required and you are running 8.0.19.0.0.19.10.3	OK
php		❗ version 7.1.0 is required and you are running 7.3.11.0.0.19.10.2	OK
pcreunicode		❗ should be installed and enabled for best results	OK
php_extension	iconv	❗ must be installed and enabled	OK
php_extension	mbstring	❗ should be installed and enabled for best results	OK
php_extension	curl	❗ must be installed and enabled	OK
php_extension	openssl	❗ must be installed and enabled	OK
php_extension	tokenizer	❗ should be installed and enabled for best results	OK
php_extension	xmlrpc	❗ should be installed and enabled for best results	OK
php_extension	soap	❗ should be installed and enabled for best results	OK
php_extension	ctype	❗ must be installed and enabled	OK
php_extension	zip	❗ must be installed and enabled	OK
php_extension	zlib	❗ must be installed and enabled	OK
php_extension	gd	❗ must be installed and enabled	OK
php_extension	simplexml	❗ must be installed and enabled	OK
php_extension	spl	❗ must be installed and enabled	OK
php_extension	pcre	❗ must be installed and enabled	OK
php_extension	dom	❗ must be installed and enabled	OK
php_extension	xml	❗ must be installed and enabled	OK
php_extension	xmlreader	❗ must be installed and enabled	OK
php_extension	intl	❗ must be installed and enabled	OK
php_extension	json	❗ must be installed and enabled	OK
php_extension	hash	❗ must be installed and enabled	OK
php_extension	fileinfo	❗ must be installed and enabled	OK
php_setting	memory_limit	❗ recommended setting detected	OK
php_setting	file_uploads	❗ recommended setting detected	OK
php_setting	opcache.enable	❗ recommended setting detected	OK

Wait for the moodle installation to finish and click the Continue button.



On the next screen, perform the following configuration:

Username: Enter the desired administrative user account name

Choose an authentication method - default

New Password - Enter the admin user password

Name - The name of the administrator















Surname - Surname of the administrator

Administrator Email Address - The administrator email address

Select a Country - The country of the administrator

Time zone - Select the desired time zone

Click the Update Profile button.

Username		<input type="text" value="admin"/>
Choose an authentication method		Manual accounts
New password	   
		<input type="checkbox"/> Force password change 
First name		<input type="text" value="Admin"/>
Surname		<input type="text" value="User"/>
Email address		<input type="text" value="admin@techexpert.tips"/>
Email display		Allow everyone to see my email address 
City/town		<input type="text"/>
Select a country		Brazil 
Timezone		America/Sao_Paulo 











Enter a name and description for your Moodle website.

New settings - Front page settings

Full site name fullname

Short name for site (eg single word) shortname

Front page summary summary

Enter a descriptions to your moodle website

Select the correct time zone, disable the auto registration function and set an outgoing e-mail address.

New settings - Location settings

Default timezone
timezone

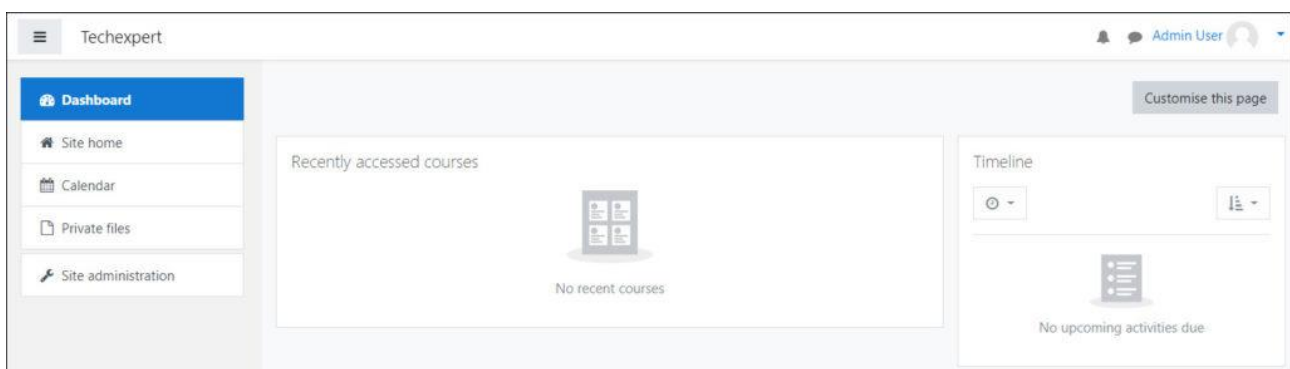
New settings - Manage authentication

Self registration
registerauth

New settings - Outgoing mail configuration

No-reply address
noreplyaddress

Click the Save Changes button to access the Moodle dashboard.



Congratulations! The Moodle installation was completed successfully.

BD BEARD
DEVELOPER