How to install Moodle

Version 1.0.0

Moodle Modular Object-Oriented Dynamic Learning Environment is a software package for the production of online courses or websites.

Environment description

Software Version: Moodle3.2.1+
Moodle directory: /data/wwwroot/default/moodle

Basic software environment: Click here
PHP Configuration File: /usr/local/php/etc/php.ini
Virtual host Configuration File directory: /usr/local/apache/conf/vhost.sh
Virtual host Configuration Command: /root/oneinstack/vhost

We will show you how to install Moodle :
1.Create the database required for **Moodle**,
2.Add a virtual host required for **Moodle**,
3.Start to install **Moodle**.

Start to install Moodle

Step1. Create a database

1.login in MySQL:

Method 1: Use following URL to open phpMyAdmin page: http://< Public net IP >/phpMyAdmin

Method 2: Use SSH command to login in.

mysql -uroot -p #enter mysql console

#default user/password root/123456 More MySQL User Guide: Click here

2.create a database:

MySQL [(none)]> *create database mydbname;*

MySQL [(none)]> *show databases;*

3.Create a Database User and grants permissions to the User:

MySQL [(none)]> *grant all privileges on mydbname.* to username@'localhost' identified by 'userpassword';*

MySQL [(none)]> *flush privileges;*

MySQL [(none)]> *exit;*

```
[root@iZbp1i4rjdsy216yq7lgucZ ~]# mysql -uroot -p123456
Warning: Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.6.35-log Source distribution

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owners.

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

MySQL [(none)]> create database mydbname;
Query OK, 1 row affected (0.00 sec)

MySQL [(none)]> grant all privileges on mydbname.* to username@'localhost' identified by 'userpa
ssword';
Query OK, 0 rows affected (0.01 sec)

MySQL [(none)]>  flush privileges;
Query OK, 0 rows affected (0.00 sec)

MySQL [(none)]> exit;
Bye
[root@iZbp1i4rjdsy216yq7lgucZ ~]#
```

Step2. Add a virtual host

Use SSH Command to Add a virtual host:

[root@iZbp1i4rjdsy216yq7lgucZ ~]# *cd /root/oneinstack*

[root@iZbp1i4rjdsy216yq7lgucZ oneinstack]# *./vhost.sh*

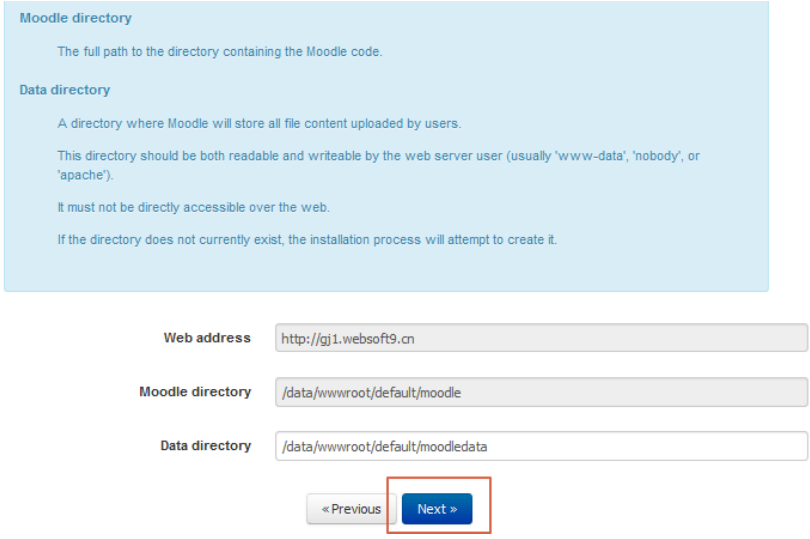
```
[root@iZbp1i4rjdsy216yq7lgucZ ~]# cd /root/oneinstack
[root@iZbp1i4rjdsy216yq7lgucZ oneinstack]# ./vhost.sh

##############################################################################
#       OneinStack for CentOS/RadHat 5+ Debian 6+ and Ubuntu 12+             #
#       For more information please visit https://oneinstack.com             #
##############################################################################

Please choose to use environment:
        1. Use php
        2. Use hhvm
Please input a number:(Default 1 press Enter) 1

Do you want to setup SSL under Apache? [y/n]: n

Please input domain(example: www.example.com): gj1.websoft9.cn      Use your domain name

Please input the directory for the domain:gj1.websoft9.cn :
(Default directory: /data/wwwroot/gj1.websoft9.cn): /data/wwwroot/default/moodle

Create Virtul Host directory......
set permissions of Virtual Host directory......
domain=gj1.websoft9.cn

Do you want to add more domain name? [y/n]: n

Allow Apache access_log? [y/n]: y
You access log file=/data/wwwlogs/gj1.websoft9.cn_apache.log

Syntax OK
Restart Apache......

##############################################################################
#       OneinStack for CentOS/RadHat 5+ Debian 6+ and Ubuntu 12+             #
#       For more information please visit https://oneinstack.com             #
##############################################################################
Your domain:                    gj1.websoft9.cn
Virtualhost conf:               /usr/local/apache/conf/vhost/gj1.websoft9.cn.conf
Directory of:                   /data/wwwroot/default/moodle
[root@iZbp1i4rjdsy216yq7lgucZ oneinstack]#
```

Step3. Install Moodle

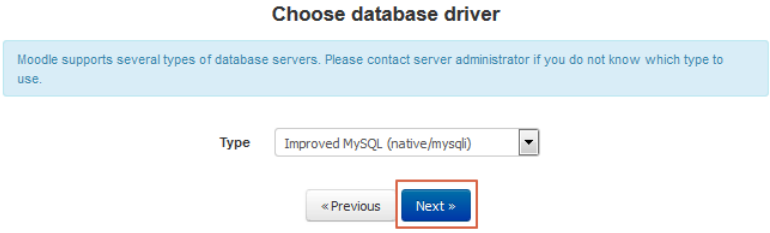
1. Open your domain name via browser;

2. Choose a language,Click "Next";

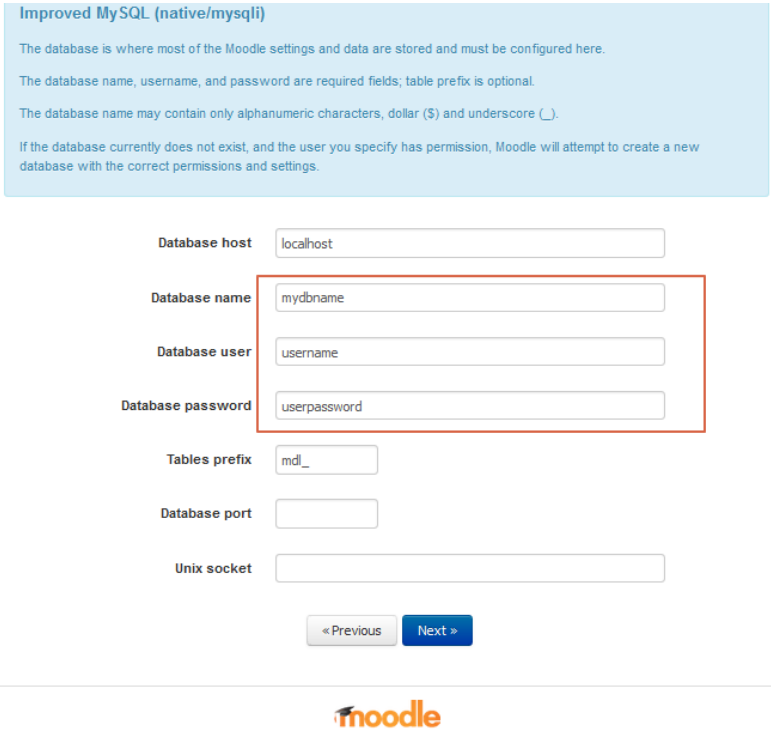
3.Click "Next";



4.Click "Next";



5.Fill in your database user, password, and database name;



6. Click "Continue";

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http://docs.moodle.org/dev/License

Confirm

Have you read these conditions and understood them?

Continue Cancel

7. Click "Continue";

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	should be installed and enabled for best results	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	should be installed and enabled for best results	OK
php_extension	json	must be installed and enabled	OK
php_extension	hash	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

Your server environment meets all minimum requirements.

Continue

8. Click "Continue";

tinymce_spellchecker

Success

tinymce_wrap

Success

logstore_database

Success

logstore_legacy

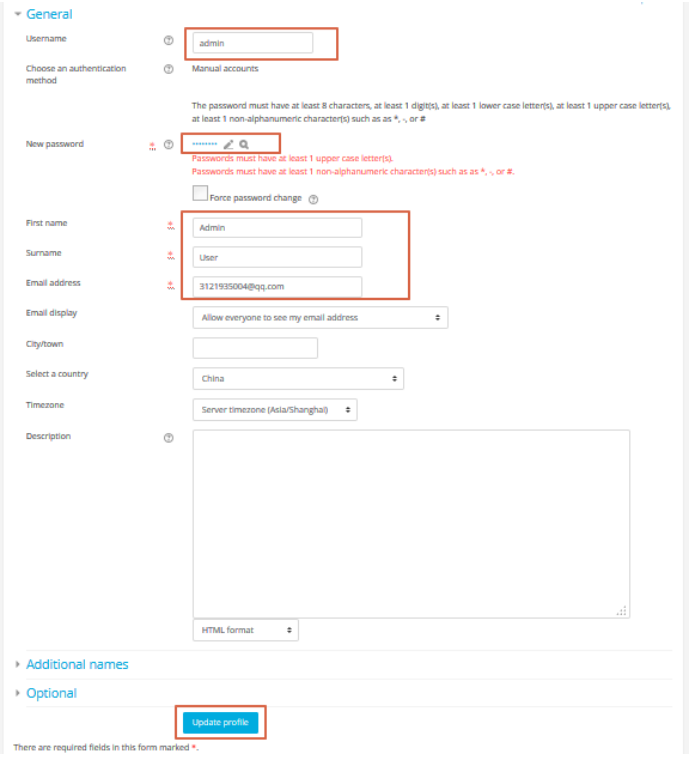
Success

logstore_standard

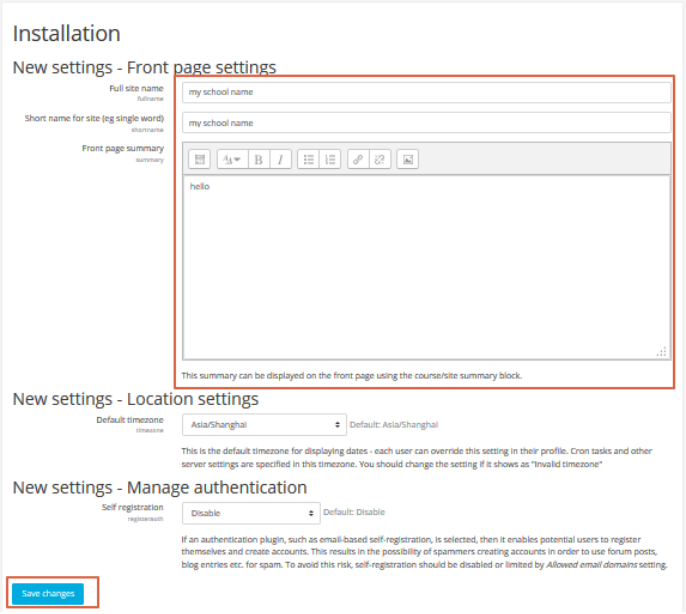
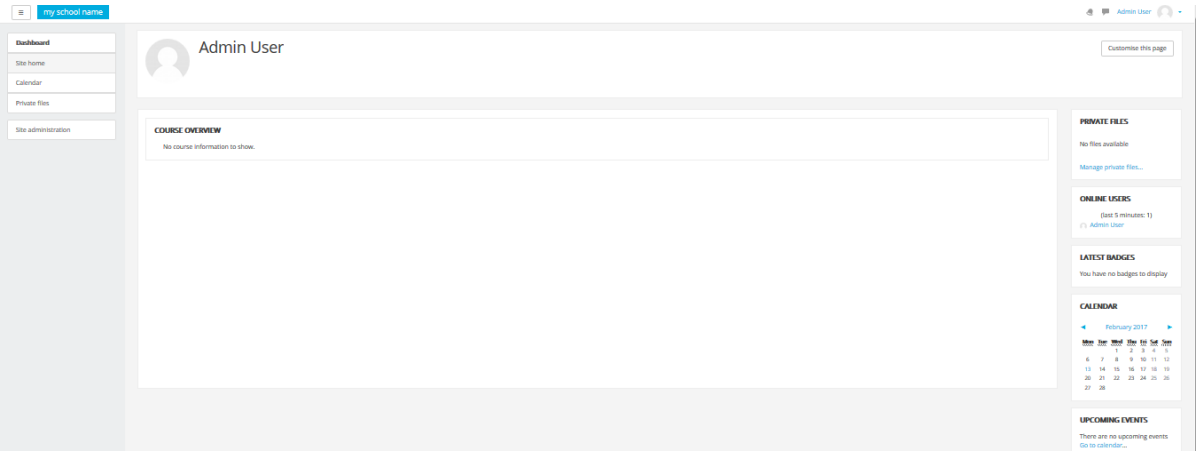
Success

Continue

9. Set administrator user, password,mail,etc.



10. Set site name,short name,front page summary,etc.



OK, it has been installed successfully.