



LimeSurvey Image Guide

Version 2.63.1

Websoft9 LimeSurvey is a pre-configured, ready to run image for running LimeSurvey on Alibaba Cloud.

LimeSurvey is the tool to use for your online surveys. Whether you are conducting simple questionnaires with just a couple of questions or advanced assessments with conditionals and quota management, LimeSurvey has got you covered. LimeSurvey is 100% open source and will always be transparently developed.

LimeSurvey Stack Components

Software Version: LimeSurvey20170305

Software directory: /data/wwwroot/default/limesurvey

Basic software environment: [Click here](#)

(<http://en.websoft9.com/xdocs/php-stack-linux-image-guide/>)

PHP Configuration File: /usr/local/php/etc/php.ini

Virtual host Configuration File directory: /usr/local/apache/conf/vhost

Virtual host Configuration Command: /root/oneinstack/vhost.sh

Database install directory: /usr/local/mysql

Database data directory: /data/mysql

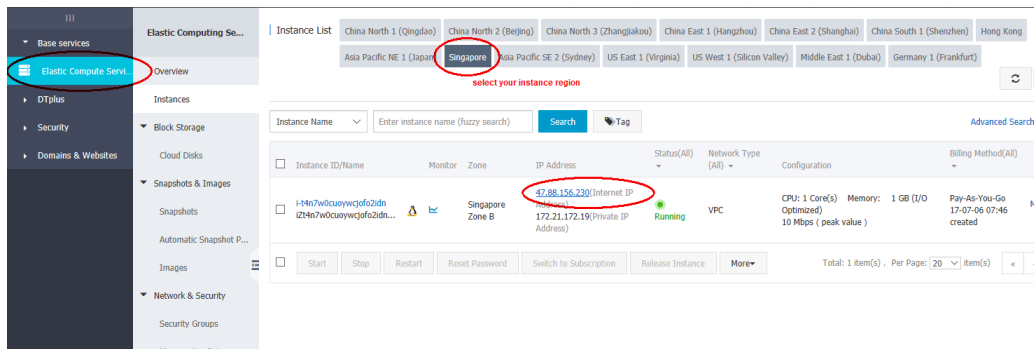
Database Configuration File: /etc/my.cnf

Verify the Image




After the installation of Image, please verify it

- Login on Alibaba Cloud console, get your Internet IP Address




- Open your Chrome or Firefox on your local PC, visit the <http://Internet IP Address/>
- If verified successfully, you can enter the boot page of Websoft9 below



Welcome to LAMP stack:

- ★ Readme : [LAMP Stack User Guide](#)
- ★ Tools : [Prober](#) [phpinfo](#) [Opcache](#)
- ★ phpMyAdmin : [phpMyAdmin](#)
Get db root password: reference [User Guide](#)



LimeSurvey

LimeSurvey (formerly PHPSurveyor) is an Open Source PHP web application to develop, publish and collect responses to online & offline surveys.

Please Refer to [《 How to Install LimeSurvey 》](#) for operation , or [click here](#) access directly.

- If no response from browser, please check the Security Group settings (<https://www.alibabacloud.com/help/doc-detail/25471.htm>) to ensure that port 80 is been allowed

Database Password

This Image use MySQL for database

#default user/password: root/123456

MySQL User Guide: Click here (<http://en.websoft9.com/xdocs/manage-mysql%ef%bc%88nimplamp-image-%ef%bc%89>)



Start to install LimeSurvey

Step1. Create a database

1.login in MySQL:

Method 1:Use following URL to open phpMyAdmin page: [http://< Public net IP >/phpMyAdmin](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 (<http://en.websoft9.com/xdocs/manage-mysql%ef%bc%88Inmplamp-image-%ef%bc%89>)

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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affiliates. Other names may be trademarks of their respective
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 'userpassword';
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 ~]#
```

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/common/before2.png>)

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/limesurvey

Create Virtual 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/limesurvey
[root@iZbp1i4rjdsy216yq7lgucZ oneinstack]#
```

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm00.png>)



Step3. Install LimeSurvey

Open your domain name via browser:

1. Please select your preferred language, Click “Start installation”;

LimeSurvey installer

Progress

10% completed

1. **Welcome**

2. License

3. Pre-installation check

4. Configuration

5. Database settings

6. Optional settings

Welcome

Language selection

Please select your preferred language:

English - English

Your preferred language will be used through out the installation process.

Start installation

powered by LimeSurvey

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm01.png>)

2. Click “I accept”;

LimeSurvey installer

Progress

15% completed

1. Welcome

2. **License**

3. Pre-installation check

4. Configuration

5. Database settings

6. Optional settings

License

GNU General Public License:

LimeSurvey - The free & open-source survey software tool

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Previous

I accept

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(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm02.png>)

3. Click “Next”;



Progress

20% completed

1. Welcome

2. License

3. Pre-installation check

4. Configuration

5. Database settings

6. Optional settings

Pre-installation check

Pre-installation check for LimeSurvey 2.63.1

Minimum requirements

	Required	Current
PHP version	5.3.3+	7.0.16
Minimum memory available	128	128 MB
PHP PDO driver library	At least one installed	MySQL
PHP mbstring library	✓	✓
PHP/PECL JSON library	✓	✓
/application/config directory	Found & writable	Found & Writable
/upload directory	Found & writable	Found & Writable
/tmp directory	Found & writable	Found & Writable
Session writable	✓	✓

Optional modules

	Recommended	Current
PHP GD library	✓	✓
PHP LDAP library	✓	✓
PHP zip library	✓	✓
PHP zlib library	✓	✓
PHP imap library	✓	✓

Previous

Check again

Next

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm03.png>)

4. Fill in your database configuraion , Click “Next”;

Progress

40% completed

1. Welcome

2. License

3. Pre-installation check

4. Configuration

5. Database settings

6. Optional settings

Database configuration

Please enter the database settings you want to use for LimeSurvey:

Note: All fields marked with (*) are required.

Database configuration

Database type *

MySQL

The type of your database management system

Database location *

localhost

Set this to the IP/net location of your database server. In most cases "localhost" will work. You can force Unix socket with complete socket path. If your database is using a custom port attach it using a colon. Example: db.host.com:5431

Database user *

username

Your database server user name. In most cases "root" will work.

Database password

Your database server password.

Database name *

mydbname

If the database does not yet exist it will be created (make sure your database user has the necessary permissions). In contrast, if there are existing LimeSurvey tables in that database they will be upgraded automatically after installation.

Table prefix

lime_

If your database is shared, recommended prefix is "lime_" else you can leave this setting blank.

Previous

Next

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm04.png>)

5. Click “Populate database”;



Progress

60% completed



1. Welcome
2. License
3. Pre-installation check
4. Configuration
- 5. Database settings**
6. Optional settings

Database settings

Database creation

A database named "mydbname" already exists.

Do you want to populate that database now by creating the necessary tables?

Previous

powered by LimeSurvey

Populate database

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm05.png>)

6. Set admin account and site configuration, Click “Next”;

Progress

90% completed



1. Welcome
2. License
3. Pre-installation check
4. Configuration
5. Database settings
- 6. Optional settings**

Optional settings

Optional settings to give you a head start

Database mydbname has been successfully populated.

You can leave these settings blank and change them later

Admin login name *
admin
This will be the userid by which admin of board will login.

Admin login password *

This will be the password of admin user.

Confirm your admin password *

Administrator name
Administrator
This is the default name of the site administrator and used for system messages and contact options.

Administrator email *
your-email@example.net
This is the default email address of the site administrator and used for system messages, contact options and default bounce email.

Site name
LimeSurvey
This name will appear in the survey list overview and in the administration header.

Default language
English - English
This will be your default language.

Previous

Next

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm06.png>)

7. LimeSurvey has been installed successfully, You can now log in to LimeSurvey (using your admin account), Click “Administration “;

Progress

100% completed



1. Welcome
2. License
3. Pre-installation check
4. Configuration
5. Database settings
- 6. Optional settings**

Success!

LimeSurvey has been installed successfully.

Administrator credentials

Username: admin

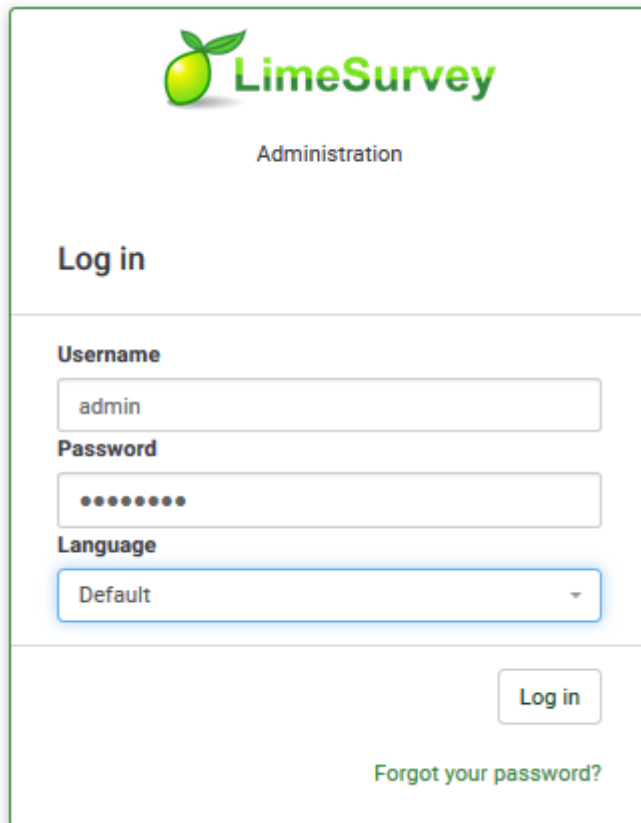
Password: The password you have chosen at the optional settings step.

Administration

powered by LimeSurvey

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm07.png>)

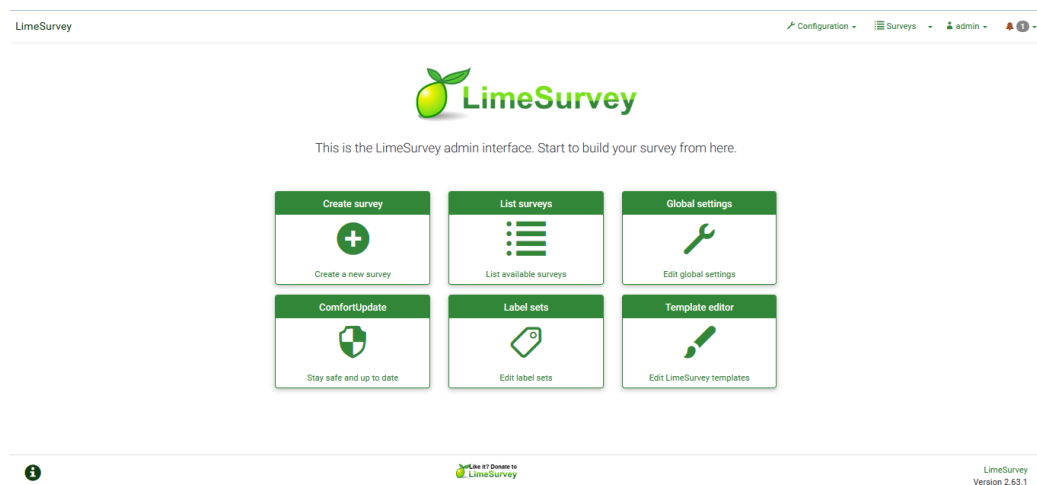
8. Fill in your admin account, Click “Log in”;



The image shows the LimeSurvey Administration login page. At the top is the LimeSurvey logo (a green lime with a leaf) and the word "LimeSurvey" in green. Below the logo is the word "Administration" in a smaller, grey font. The main heading is "Log in" in bold. There are three input fields: "Username" with the text "admin", "Password" with ten dots, and "Language" with a dropdown menu showing "Default". A "Log in" button is at the bottom right. Below the button is a link "Forgot your password?" in green.

(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm08.png>)

9. this is the LimeSurvey admin page:



(<http://libs.websoft9.com/Websoft9/DocsPicture/en/limesurvey/lm09.png>)

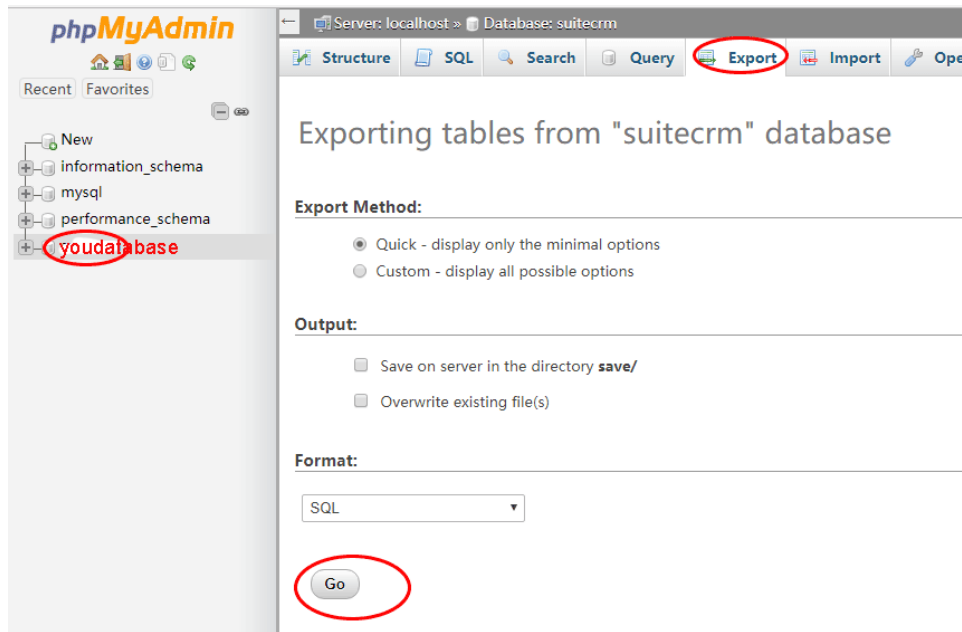
Use ***http://<domain name>/*** to go to your index page.

Backup



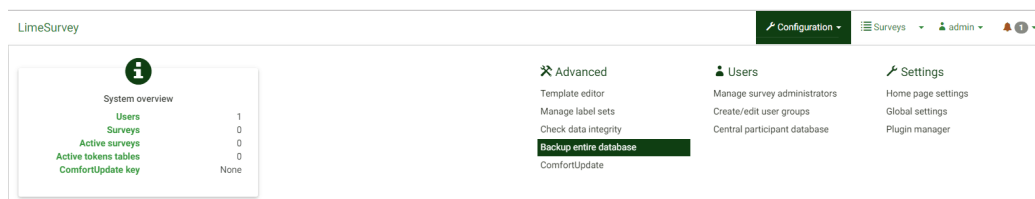
Routine backup (archives) of the database and application setup is essential to ensure failover is smooth. you can use Manual Backup as following steps:

1. Download the entire LimeSurvey files in you root dictionary by FTP or other tools
2. Visit <http://< Internet IP Address >/phpMyAdmin>, login in to the phpMyAdmin Panel
3. Select you database, then Export



4. Click "go" button, then download the SQL backup file

Note: You can backup database from the backend interface *Configuration->Backup entire database*



Upgrade

Before upgrade, please always backup the files and the database of your current installation.



Minor upgrade

You can use these instructions if you are doing a minor upgrade (for example from 2.00 to 2.01)

- Backup your files and database (did we already mention that?)
- Delete all the old files/directory except for
 - /application/config/config.php
 - /upload directory (NOTE: If you have any customized templates sitting under /upload/templates, make sure you refresh those with any changes from the new version. The easiest way to check for such changes is to file-compare your old template with the new version of the default template, and if you see any differences other than your customizations, a refresh is needed.)
- Copy the new files from the new LimeSurvey package to the existing location.
- Open the admin page in your browser,
e.g. <https://www.example.com/limesurvey/admin> and check if a database scheme upgrade is necessary.
- **After the upgrade: Clear your browser cache and cookies!**

Using ComfortUpdate

The ComfortUpdate tool is a LimeSurvey professional service to update your installation of LimeSurvey easily from your web browser, with just a few mouse clicks – instead of having to perform a manual update.

To use and test ComfortUpdate you will have to register with Limesurvey's website to receive a free trial key. After that trial key has expired you can either buy one of our premium packages or update your installation manually.

The LimeSurvey ComfortUpdate feature is safe to use even with active surveys. It does not delete or destroy any existing data. However you should keep in mind that this is a beta feature and ensure you have backed up your database and files manually before proceeding.

- Go to the Global Settings Icon, select the first tab, and click the button for "Updates"



- The ComfortUpdate screen will display an update link if a new version of LimeSurvey is available. If not click “Check now” to see if a new update is available.
- If an update is found, LimeSurvey will display a link to allow you to update. Click on this to begin updating.
- If you have never used ComfortUpdate before or the ComfortUpdate upgrade key is not valid, you will be asked to enter an upgrade key. During the trial period use the default key for free updates.
- LimeSurvey will now verify your installation directory to check the appropriate permissions are set to allow an update. A list of proposed changes will be displayed.
- If there are any problems, you must correct them at this point, and then proceed to the next step.
- The ComfortUpdate will now make a backup of your database (if you use MySQL) and save your old installation files in the /tmp directory. If you use a different database, you should backup your database manually before proceeding.

ComfortUpdate will now update your installation to the latest version, including updating the database for any new changes.

How to use your languages?

You can select the administrative language preference during login by using the dropdown list as shown below. After a successful login, the LimeSurvey interface will change to the chosen language. The system will record this preference setting in your profile and make it the default for your next login.



Administration

Log in

Username

Password

Language



Log in

[Forgot your password?](#)

How to reset my LimeSurvey Admin password?

You can reset easily username and password of initial super admin with only FTP access.

1. Download *ResetPasswordController.php*
(<https://framagit.org/SondagesPro/ResetPasswordController/tree/master>)
2. Put this file in *./application/controllers/* directory of your limesurvey installation.
3. Update your *./application/config/config.php* file to add *resetusername* and *resetpassword* in the config array.



```
'config'=>array(
// debug: Set this to 1 if you are looking for errors. If you
// then please check your error-logs - either in your hosting
// on your webspace.
// LimeSurvey developers: Set this to 2 to additionally displ
    'debug'=>2,
    'debugsql'=>0, // Set this to 1 to enable sql logging, o
    // Update default LimeSurvey config here
    'resetusername'=>'The new user name (login)',
    'resetpassword'=>'The new password',
)
```



4. Go to ResetPassword controller via your browser : can be
example.org/index.php/ResetPassword or example.org/index.php?
r=ResetPassword.If no error are shown you can log in with the new
user name and the new password.

note:Remind to remove this file or the config part after reset are done.

How can I restore data from a deactivated survey?

We recommend to always use the time-out option instead of deactivating a survey. If you closed your survey accidentally it is important that you don't change anything in the survey.

Then, and only then the following steps will work:

1. Activate your survey again
2. Go to the "Browse responses for this survey" menu.
3. Click at the "Import answers from a deactivated survey table" button.
4. Choose your source table.
5. Click at the "Import responses" button.

How to access phpMyAdmin?

Websoft9 LimeSurvey Image have installed the phpMyadmin

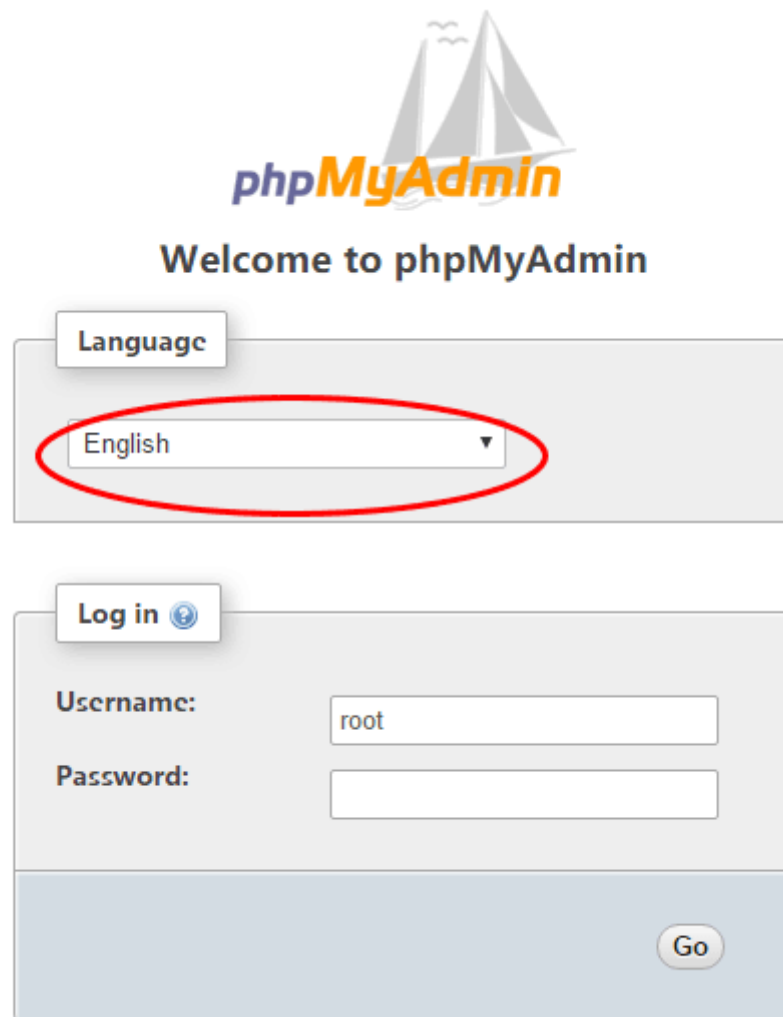


phpMyAdmin install directory: /data/wwwroot/default/phpMyAdmin

Linux

Following is the step for access phpMyadmin

1. Open Chrome or Firefox on your local PC
2. visit the <http://Internet IP Address/phpMyAdmin>,you can enter the login page

The image shows the phpMyAdmin login interface. At the top, there is a logo of a sailboat with the text 'phpMyAdmin' in blue and orange. Below the logo, it says 'Welcome to phpMyAdmin'. There are two main sections: a 'Language' section and a 'Log in' section. The 'Language' section has a dropdown menu currently set to 'English', which is circled in red. The 'Log in' section has fields for 'Username' (containing 'root') and 'Password' (empty). A 'Go' button is located at the bottom right of the login section.

phpMyAdmin

Welcome to phpMyAdmin

Language

English

Log in

Username: root

Password:

Go

3. select you language,Username:root,Password:123456
4. Click the button "Go"

Windows

Following is the step for access phpMyadmin



1. User Remote Desktop Connection of Window to connect to you ECS



2. Install a Chrome or Firefox browser on you ECS
3. Open Chrome or Firefox on your ECS
4. visit the <http://localhost> or 127.0.0.1/phpMyAdmin,you can enter the login page
5. select you language,Username:root,Password:123456
6. Click the button "Go"

How to change the permissions of filesystem?

When install new extension from back-end it will not successful,may be the permissions of file and folder is not appropriate,you should change it

Web site root permissions to follow:

file 644, folder 755 , Permissions Users and groups www

If there is a file permissions problem, execute the following three commands:

```
chown -R www.www /data/wwwroot/default/limesurvey
find /data/wwwroot/default/limesurvey -type d -exec chmod 755 {} \;
find /data/wwwroot/default/limesurvey -type f -exec chmod 644 {} \;
```



How to modify the allowed limit for upload?

Modify the `/usr/local/php/etc/php.ini` file to increase the allowed size for uploads:

```
; Maximum size of POST data that PHP will accept.  
post_max_size = 16M  
; Maximum allowed size for uploaded files.  
upload_max_filesize = 16M
```

then, restart the apache

```
# service httpd restart
```

How to modify PHP settings?

The PHP configuration file allows you to configure the modules enabled, the email settings or the size of the upload files. It is located at `/usr/local/php/etc/php.ini`.

There are some PHP settings that need to be sufficient to install.

e.g The values for PHP.ini below are *suggested values* only.

- `memory_limit` – **Minimum:** 256M **Recommended:** 1G or better
- `upload_max_filesize` – **Minimum:** 20M
- `post_max_size` – **Minimum:** 20M
- `max_execution_time`: **At Least** 120 **Recommended:** 300

After modifying the PHP configuration file, restart both Apache and PHP-FPM for the changes to take effect:

```
# service httpd restart
```

How to change the `max_execution_time`?



If you receive the message “Maximum execution time of 30 seconds exceeded”.You may also like to extend the max_execution_time for PHP and you can modify it by two methods below

Method one: edit your /usr/local/php/etc/php.ini

```
; Maximum execution time of each script, in seconds
; http://php.net/max-execution-time
; Note: This directive is hardcoded to 0 for the CLI SAPI
max_execution_time = 90
; Maximum amount of time each script may spend parsing request data. It
; idea to limit this time on productions servers in order to eliminate
; long running scripts.
```



Method two: edit your .htaccess:

```
<IfModule mod_php5.c>
php_value max_execution_time 90
</IfModule>
```

LimeSurvey Help Links

Links

- LimeSurvey – the most popular FOSS survey tool on the web
(<https://www.limesurvey.org>)
- <https://manual.limesurvey.org/> (<https://manual.limesurvey.org/>)