

# CRISP Readme

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## Deployment

### Required Platform

CRISP is a web application that needs to be deployed to a server in order to be run. It can be deployed across different platforms, given that the platforms are using compatible operating systems.

Operating System	Supported Versions
<b>Windows</b>	2008, 2012, Vista, 7, 8
<b>Linux</b>	Most all distributions of Linux are supported, including Debian, RedHat, CentOS, Ubuntu, Fedora, Gentoo, Arch, SUSE
<b>Apple</b>	Mac OS X 10.6 or later

CRISP also requires that the server platform have the following software installed:

Software	Minimum Version
<b>Apache</b>	2.4.7
<b>MySQL</b>	5.6.16
<b>PHP</b>	5.5.9
<b>phpMyAdmin</b>	4.1.6

All the software listed can be installed via a server software stack package such as XAMPP 1.8.3 (<http://www.apachefriends.org/index.html>). Although each piece of software can be installed individually, it is more convenient to install them all using server software stack packages like XAMPP.

### Required Installation Files

All CRISP files are located inside the **crisp** folder.

### Installation

Assuming that the server platform already has the required software installed, it is just a matter of placing the **crisp** folder to a certain directory to install it on the server. The location where **crisp** should be placed differs across operating systems. Assuming that XAMPP has been used, listed below are the installation paths for each operating system.

Operating System	Path
<b>Windows</b>	<XAMPP installation directory>/htdocs
<b>Linux</b>	/opt/lampp/htdocs
<b>Apple</b>	/Applications/XAMPP/htdocs

### Importing the Database

The database that CRISP uses is located in the **crisp/crisp.sql** file. It can be imported into the MySQL server via command line or phpMyAdmin, or any other compatible method.

To import **crisp.sql** using phpMyAdmin:

1. Login to phpMyAdmin (URL: **localhost/phpMyAdmin**) via a Web browser
2. Select the **Import** tab
3. Click **Choose File/Browse** and select **crisp.sql**
4. Uncheck **“Allow the interruption of an import...”**
5. Click **Go** at the bottom of the page
6. Wait for the import to finish, and an alert will appear upon the successful import.

## Configuration

After CRISP has been installed, it now needs to be configured.

### Database

Configure the database connection parameters in **crisp/application/config/database.php**

```
$db['default']['hostname'] = 'localhost'; //MySQL server host
$db['default']['username'] = 'root'; //MySQL username
$db['default']['password'] = 'root'; //MySQL password
$db['default']['database'] = 'crisp'; //DB name
$db['default']['db_debug'] = FALSE; //disables DB error messages
```

Linux server platforms must do an additional step in configuring MySQL. Add the following line to **/opt/lamp/etc/my.cnf**, below the *[mysqld]* section:

```
lower_case_table_names = 1
```

### Server

Change the Apache time zone in **php.ini**

```
date.timezone=Asia/Manila
```

## Using CRISP

CRISP is now ready for use after configuration and installation. Using Google Chrome, go to the following URL: **localhost/crisp**

By default, CRISP initially has one user. This user is an administrator-type account, and can be used to create more users as needed.

Field	Value
Username	admin
Password	admin

Changing the username and password of this user is recommended via the User Management module, since leaving the default values poses a security risk.