

# **Enterprise Chat System**

## **INSTALLATION DOCUMENT**

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## 1.Preface

Product “Enterprise chat system” is developed for safe and secured communication between its users. The document will contain step-by-step information regarding applications, set-up and installation and configuration of the software and its components.

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-initial release

The remainder of the document is organized as follows. In Section 2, Glossary and Abbreviations used in the document is provided. Section 3,4 adds set up, installation and configuration of the software.

## 2.Glossary And Abbreviations

- **PHP:** Hypertext Pre processor  
PHP is open source general-purpose scripting language and an interpreter used for web development and which can be embedded into HTML.
- **SQL:** Structured Query Language  
A **SQL** is used for inserting and selecting information from a database

### XAMPP Server installation:

- Download XAMPP installation package from the following link <https://www.apachefriends.org/index.html>.
- Run XAMPP installer.exe. Now XAMPP set up wizard window will be opened up. Click on next.
- Select the components which needs to be installed choose default settings and click next.
- Select the folder where you need to install the XAMPP. The package will be installed in the selected folder.
- Now open XAMPP control panel and start APACHE and MySQL.
- APACHE server does not start because of blocked port .So change the port numbers in order to start the apache open apache(httpd.conf) and make following changes “Listen 80” to “Listen 8082”, ServerName local host :80 to 8082. Now save the changes.
- Now click conf httpd-ssl.conf and make the following changes. ”Listen 443 to 4430 save the changes. Now start apache and Mysql.
- Now open web browser and type the following url: <http://localhost/phpmyadmin/>
- XAMPP server is ready to use.

### XAMPP installation in LINUX:

## Installation of Xampp on Ubuntu 14.04 LTS.

1. Download XAMPP from <https://www.apachefriends.org> website
2. The XAMPP file will be downloaded to the **Downloads** Folder
3. Open the Terminal (**Ctrl +Alt + T**)
4. You need to Change the directory to where the file is downloaded. By default it is Downloads Folder. Type the following command in terminal.

**cd ~/Downloads**

**Note** :- If you Don't change the Directory path to Downloads folder it will throw the following error "chmod: cannot access 'xampp-linux-x64-1.8.3-2-installer.run': No such file or directory". So to avoid this error change the directory path using **Step 4**

5. Run the following command to make it executable

**sudo chmod +x xampp-linux-x64-5.6.12-0-installer.run**

You need to enter the password to continue

6. To Install XAMPP. Run the below command in terminal

**sudo ./xampp-linux-x64-5.6.12-0-installer.run**

7. After Few seconds a Pop-up Window will open. Install the xampp by clicking **Next & Finish** buttons when required.

8. Once installation is done. It will be installed in **/opt/lampp** directory.

9. Now you can start XAMPP services using the following command.

**sudo /opt/lampp/lampp start**

10. Now test XAMPP in your browser [Firefox/Chrome]

<http://localhost/> [or] <http://localhost/phpmyadmin>

11. To Stop the service using the following command

**sudo /opt/lampp/lampp stop**

You can manage XAMPP by locking it to the launcher.

## INSTALLATION OF XAMPP IN MAC:

- Download XAMPP installation package from the following link <https://www.apachefriends.org/index.html>.
- Run XAMPP installer.dmg. Now XAMPP set up wizard window will be opened up. Click on next. XAMPP installation setup wizard will guide you through the installation process.
- Go to manager OS X start apache and Mysql. Now your XAMPP server is ready to use.
- Open web browser and type the following url:localhost/phpmyadmin/

## 4.INSTALLATION INSTRUCTIONS

- The entire software is available in compressed package which contains the source code along with functionality of each module written in text file.
- Unzip the package. To have access to the product for all its users the package should be deployed in the web. This can be done by connecting clients and server to the switch or by setting up a virtual private network on the existing network.
- Import source code files intohtdocs folder in apache server.
- Create a database in MySQL PHPmyadmin and import the tables (.sql files) from the package.

- The product can accessed from any device connected to internet by just entering the url in the web browser.