**Linux & MAC connection**

Executing following command with Linux or MAC terminal, you can directly access your box.

**ssh -i keyname.pem ubuntu@IP\_ADDRESS**

Sometimes you will get following error.

Permissions 0640 for 'keyname.pem' are too open.

It is required that your private key files are NOT accessible by others.

This private key will be ignored.

Load key "keyname.pem": bad permissions

Permission denied (publickey).

Give only READ permission for *.pem* file, then execute SSH command again.

**sudo chmod 400 keyname.pem**

**Windows connection**

Run following command

ubuntu@ip-172-31-19-204:~$ **sudo su**

root@ip-172-31-19-204:/home/ubuntu#

This will update Ubuntu OS Packages

**sudo apt-get update**

**XAMPP Installation Commands for Ubuntu**

**Download XAMPP for 64 bit**

**wget** <https://www.apachefriends.org/xampp-files/7.0.23/xampp-linux-x64-7.0.23-0-installer.run>

wget <https://downloadsapachefriends.global.ssl.fastly.net/8.1.6/xampp-linux-x64-8.1.6-0-installer.run?from_af=true>

**Make Execute Installation**

**sudo** **chmod** **+x** xampp-linux-x64-7.0.23-0-installer.run

For XAMP-8

sudo mv xampp-linux-x64-8.1.6-0-installer.run?from\_af=true xamp.run

sudo chmod 777 xamp.run

**Run Installation**

**sudo** ./xampp-linux-x64-7.0.23-0-installer.run

For XAMP-8

./xamp.run

**XAMPP instructions**

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

XAMPP Core Files : Y (Cannot be edited)

XAMPP Developer Files [Y/n] : **Y**

Is the selection above correct? [Y/n]: **Y**

Installation Directory

XAMPP will be installed to /opt/lampp

Press [Enter] to continue:

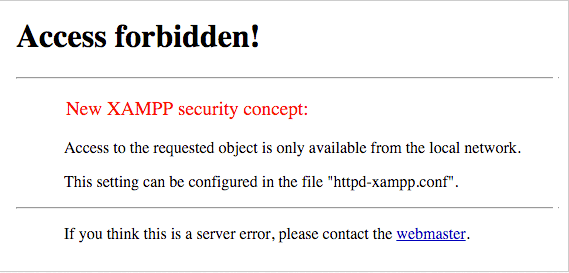
Do you want to continue? [Y/n]:**Y**

**Run XAMPP**

sudo /opt/lampp/lampp start

**XAMPP Access Forbidden**

Open your browser and access [*http://IP-ADDRESS/*](http://ip-address/) you will find this Access forbidden screen.

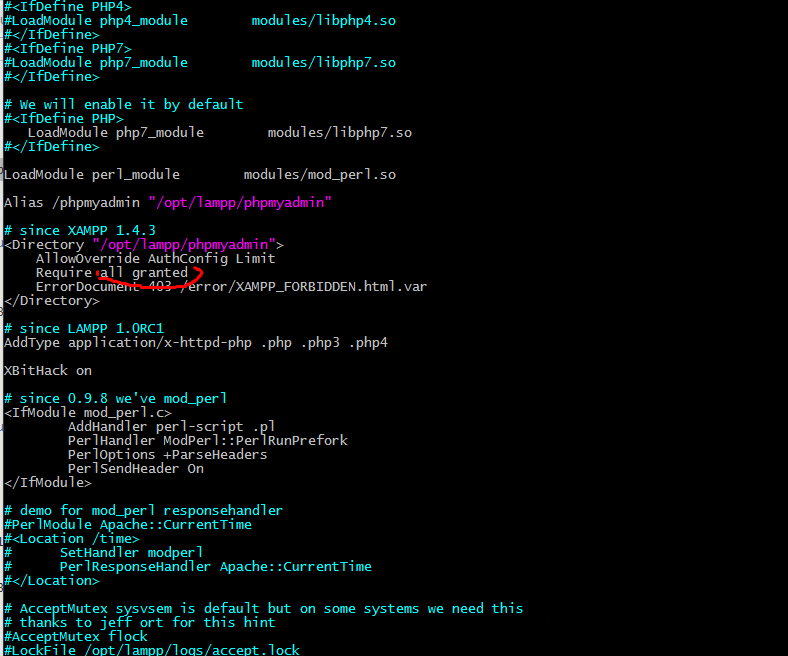


**XAMPP Configurations**

Edit XAMPP configurations.

**vi** /opt/lampp/etc/extra/httpd-xampp.conf

In this image there are default value is local you have to set “ all granted ”



**Restart XAMPP**

sudo systemctl stop httpd jenkins //To stop the 80 and 8080 port

sudo /opt/lampp/lampp restart

**Security Settings**

**sudo /opt/lampp/xampp security**

XAMPP: Your XAMPP pages are NOT secured by a password.

XAMPP: Do you want to set a password? [yes]

XAMPP: Your XAMPP pages are NOT secured by a password.

XAMPP: Do you want to set a password? [yes] **no**

XAMPP: MySQL is accessable via network.

XAMPP: Normaly that's not recommended. Do you want me to turn it off? [yes] **yes**

XAMPP: Turned off.

XAMPP: Stopping MySQL...ok.

XAMPP: Starting MySQL...ok.

XAMPP: The MySQL/phpMyAdmin user pma has no password set!!!

XAMPP: Do you want to set a password? [yes] **yes**

XAMPP: Password:\*\*\*\*\*\*\*

XAMPP: Password (again):\*\*\*\*\*\*\*

XAMPP: Setting new MySQL pma password.

XAMPP: Setting phpMyAdmin's pma password to the new one.

XAMPP: MySQL has no root passwort set!!!

XAMPP: Do you want to set a password? [yes] **yes**

XAMPP: Write the password somewhere down to make sure you won't forget it!!!

XAMPP: Password:\*\*\*\*\*\*\*

XAMPP: Password (again):\*\*\*\*\*\*\*

XAMPP: Setting new MySQL root password.

XAMPP: Change phpMyAdmin's authentication method.

XAMPP: The FTP password for user 'daemon' is still set to 'xampp'.

XAMPP: Do you want to change the password? [yes] **no**

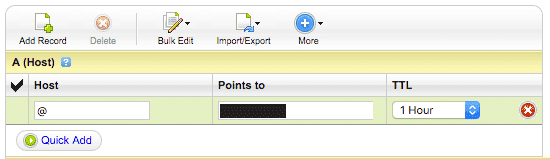
XAMPP: Done.

**PhpMyAdmin**

Access PhyMyAdmin at [*http://IP-Address/phpmyadmin/*](http://ip-address/phpmyadmin/)

**Domain Settings**

If you own a domain address, go to domain DNS(Domain name settings). Add host value *@* points to *IP-Address*



**Thanks for Reading**