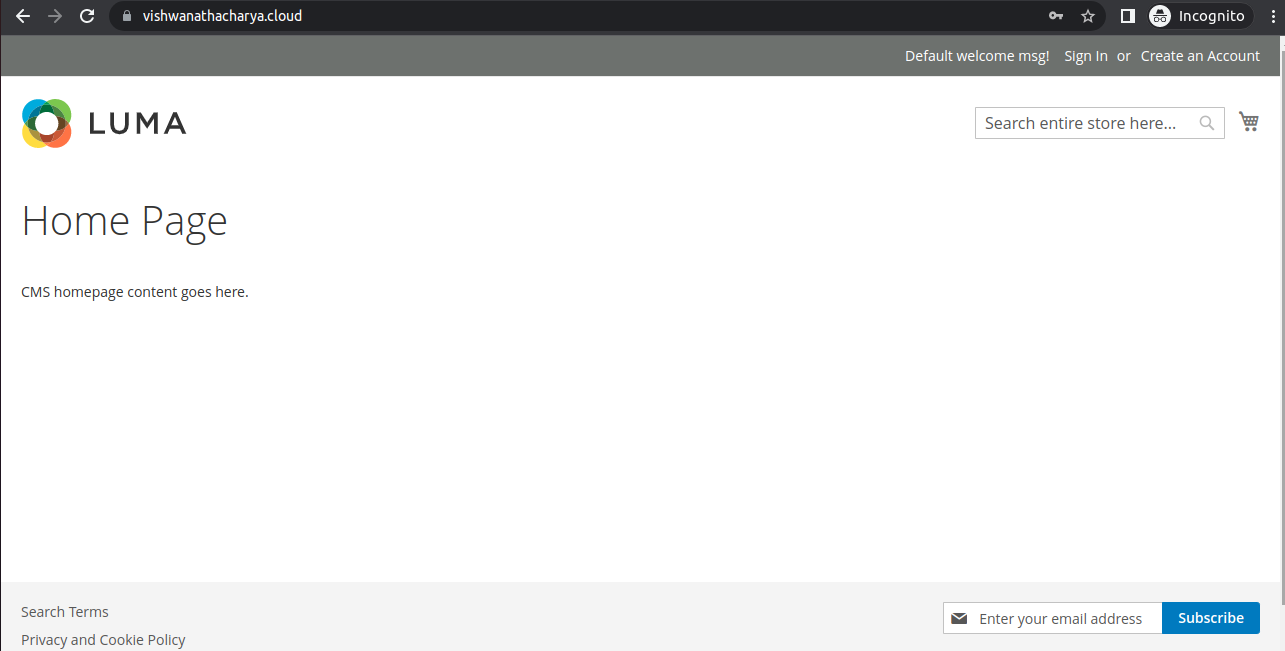
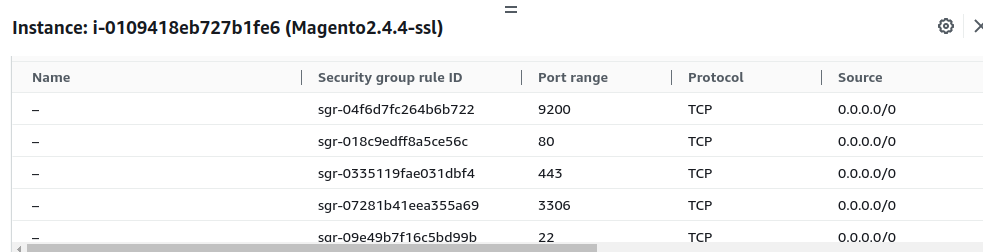
**INSTALL MAGENTO2.4.4 WITH WILDCARD SSL CERTIFICATES**

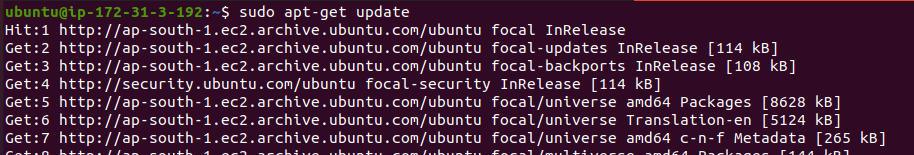


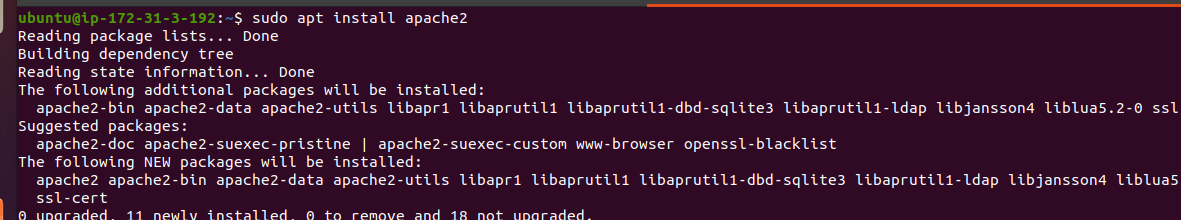
**Crerate EC2 t2.medium instance**

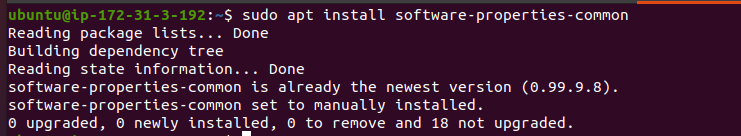
open **Security Group** Port



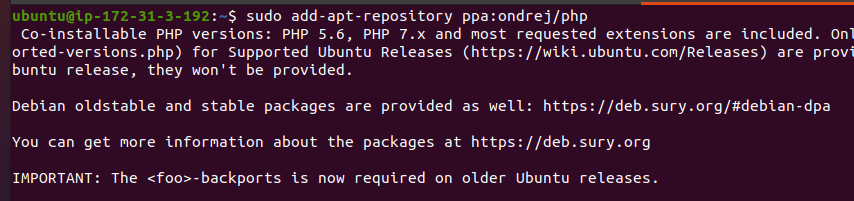
connect Instance with Your Local Machine

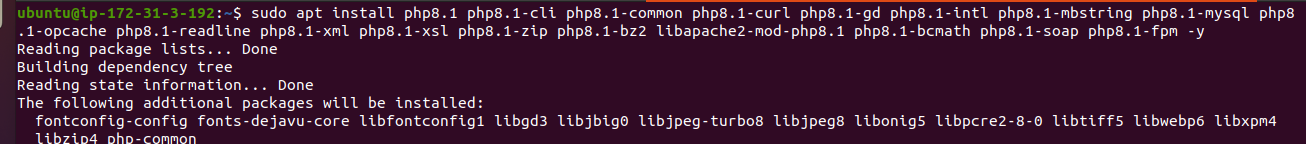
sudo apt-get update

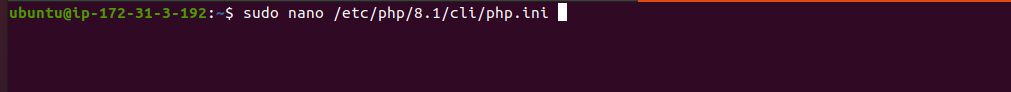
sudo apt install apache2

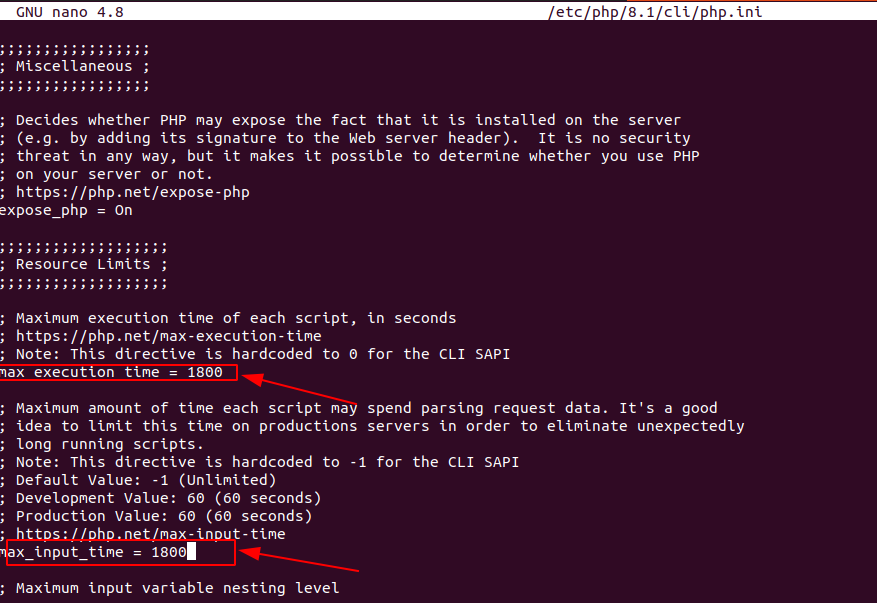


sudo apt install software-properties-common

sudo add-apt-repository ppa:ondrej/php

sudo apt install php8.1 php8.1-cli php8.1-common php8.1-curl php8.1-gd php8.1-intl php8.1-mbstring php8.1-mysql php8.1-opcache php8.1-readline php8.1-xml php8.1-xsl php8.1-zip php8.1-bz2 libapache2-mod-php8.1 php8.1-bcmath php8.1-soap php8.1-fpm -y

sudo nano /etc/php/8.1/cli/php.ini

max\_execution\_time =1800

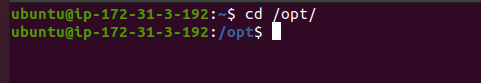
max\_input\_time = 1800

sudo nano /etc/php/8.1/apache2/php.ini

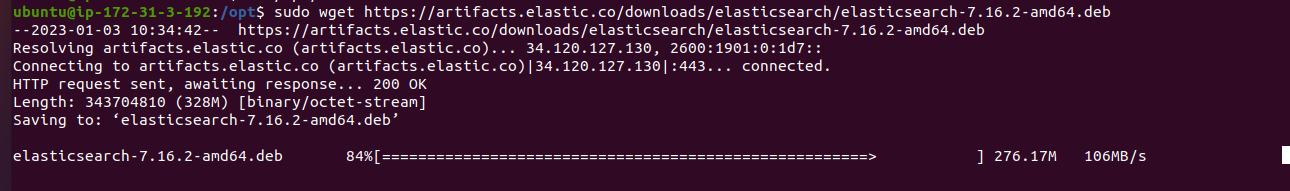
max\_execution\_time 1800

max\_input\_time = 1800

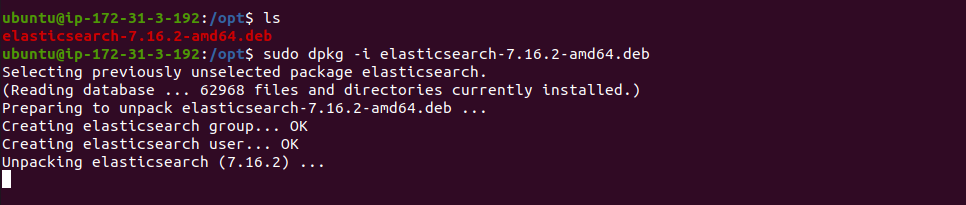
memory\_limit = 4G

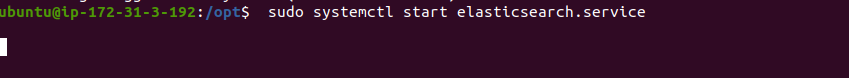


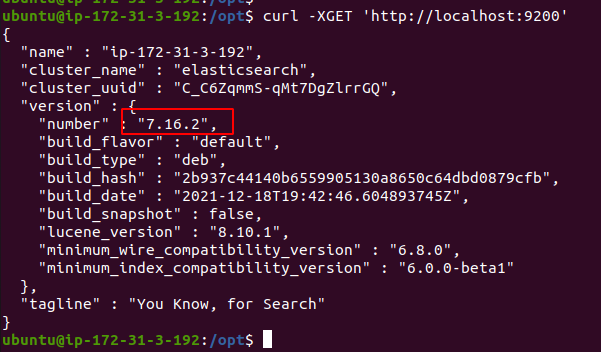
cd /opt

sudo wget https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-7.16.2-amd64.deb

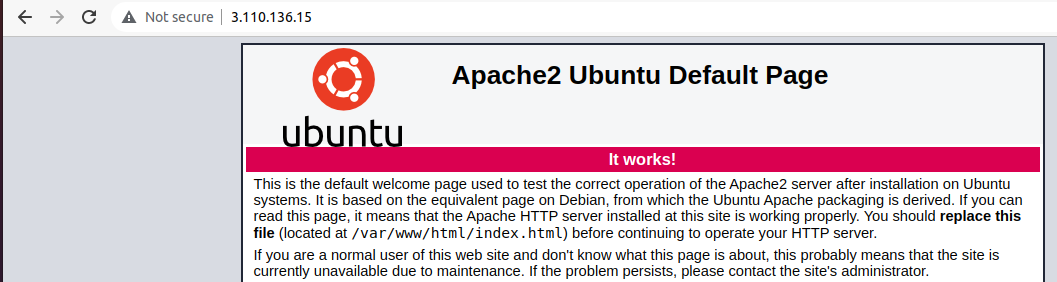
ls

sudo dpkg -i elasticsearch-7.16.2-amd64.deb

sudo systemctl start elasticsearch.service

curl -XGET '[http://localhost:9200](http://localhost:9200/)'

curl ifconfig.me

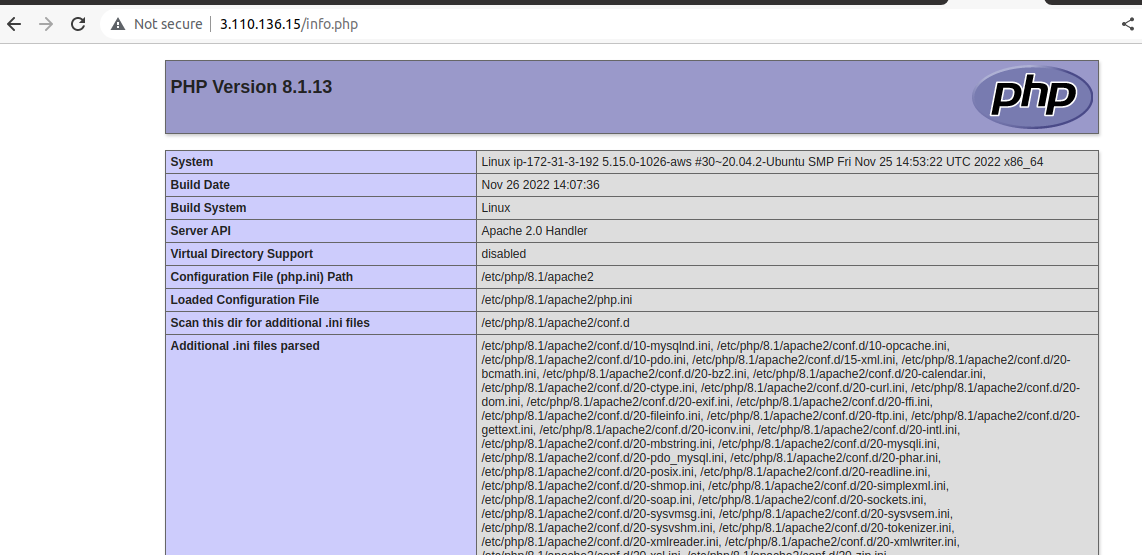


 sudo nano *var/www/html*

<?php

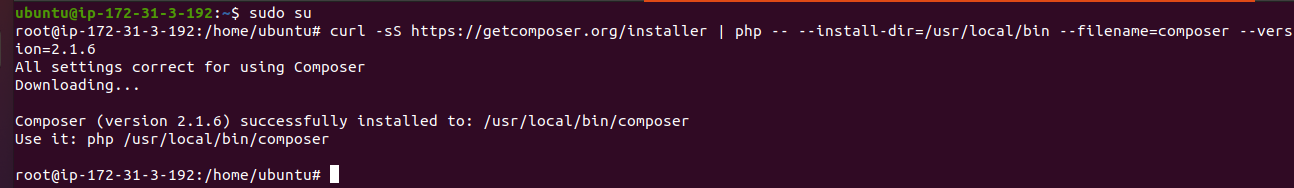
phpinfo();

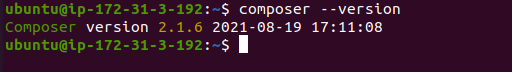
?>

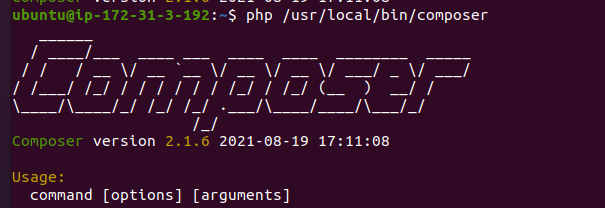


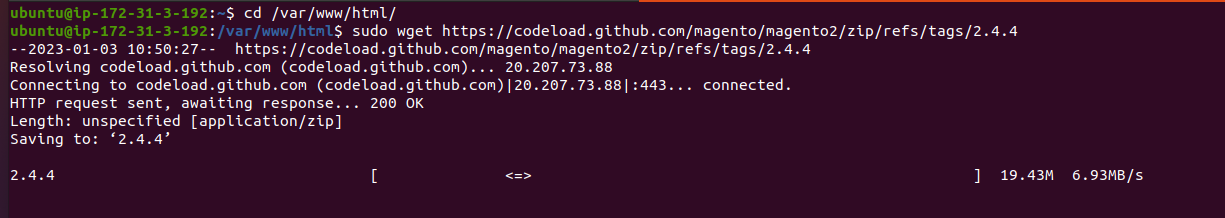
install composer

sudo su

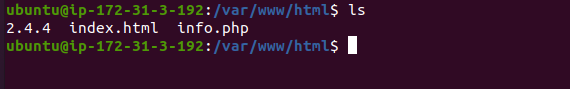
curl -sS https://getcomposer.org/installer | php -- --install-dir=/usr/local/bin --filename=composer –version=2.1.6

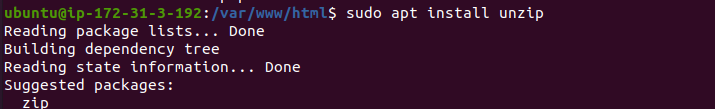
composer –version



cd */var/www/html*

*sudo wget* <https://codeload.github.com/magento/magento2/zip/refs/tags/2.4.4>

*ls*

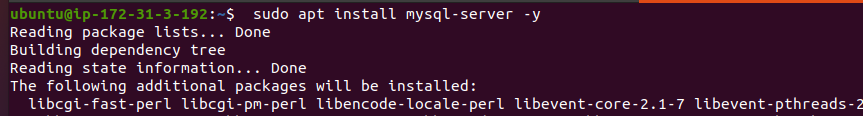
sudo apt install unzip

sudo unzip 2.4.4

ls

sudo rm -rf 2.4.4

sudo mv magento2-2.4.4/\* .

sudo apt install mysql-server -y

mysql –version

sudo mysql -u root -p

alter user ‘root’@’localhost’ identified with mysql\_native\_password by ‘password’;

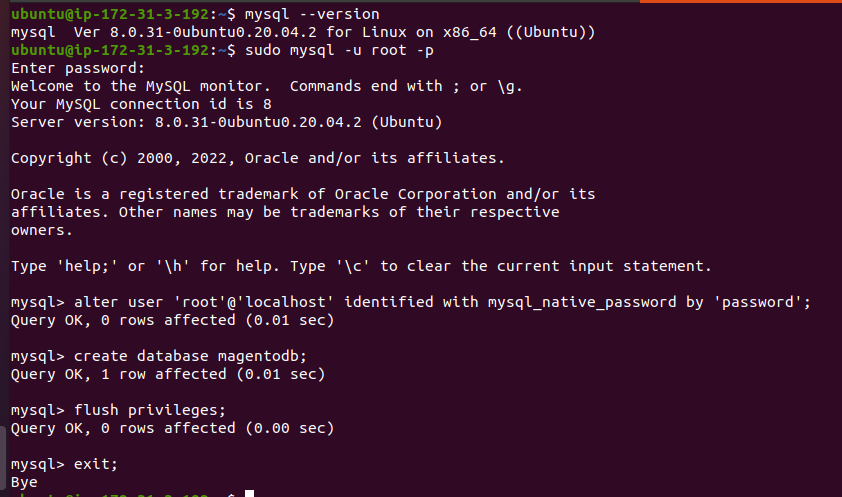
create database magentodb;

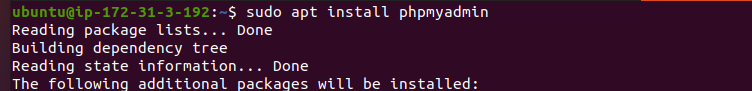
create user ‘magentouser’@’%’ identified with mysql\_native\_password by ‘[password@1](mailto:password@1)’;

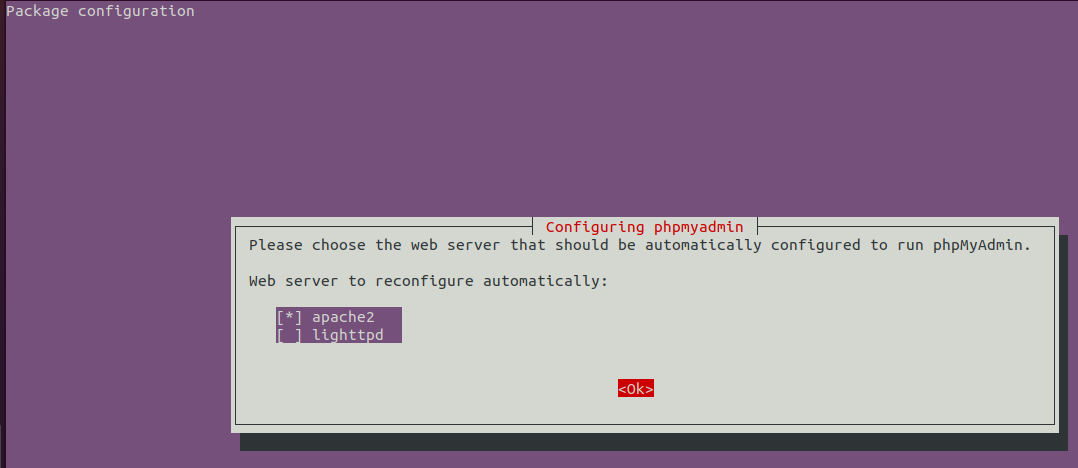
grant all on magentodb.\* to ‘magentouser’@’%’ with grant option;

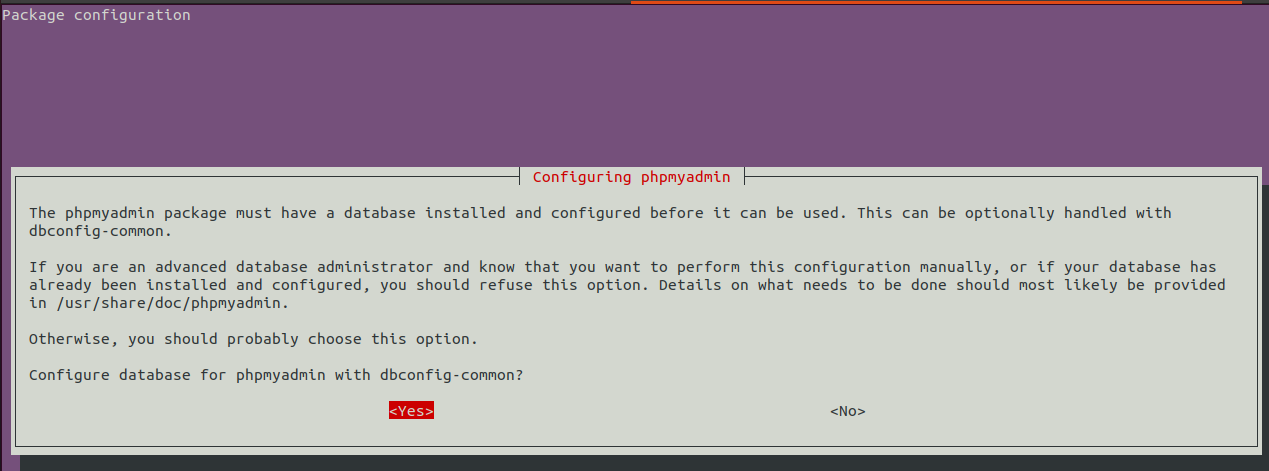
flush privileges;

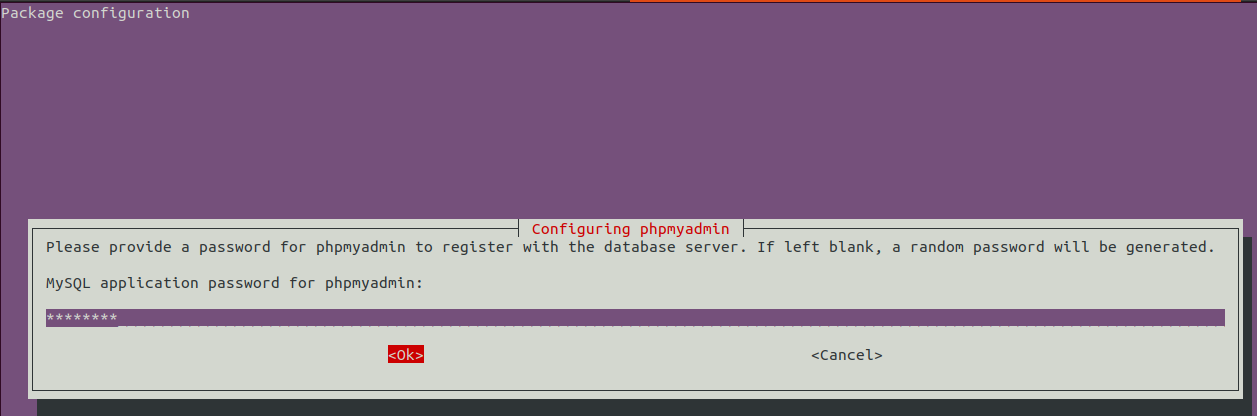
exit;

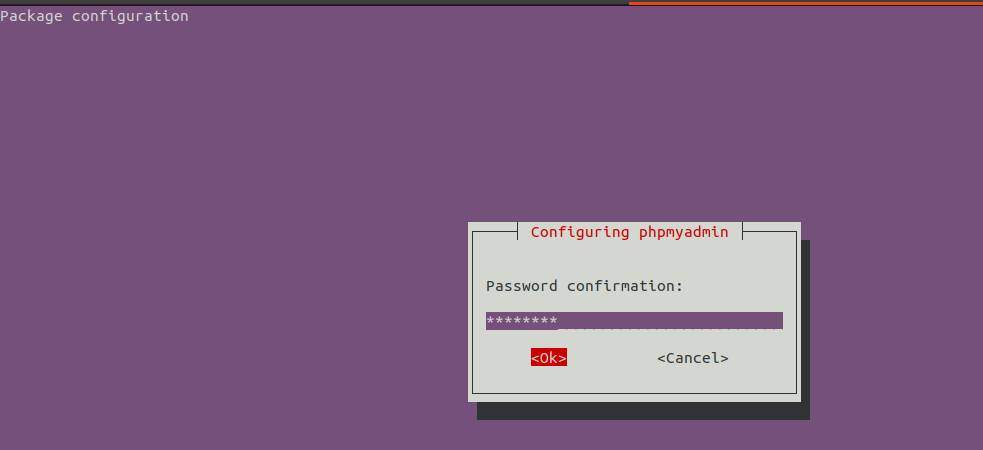


sudo apt install phpmyadmin

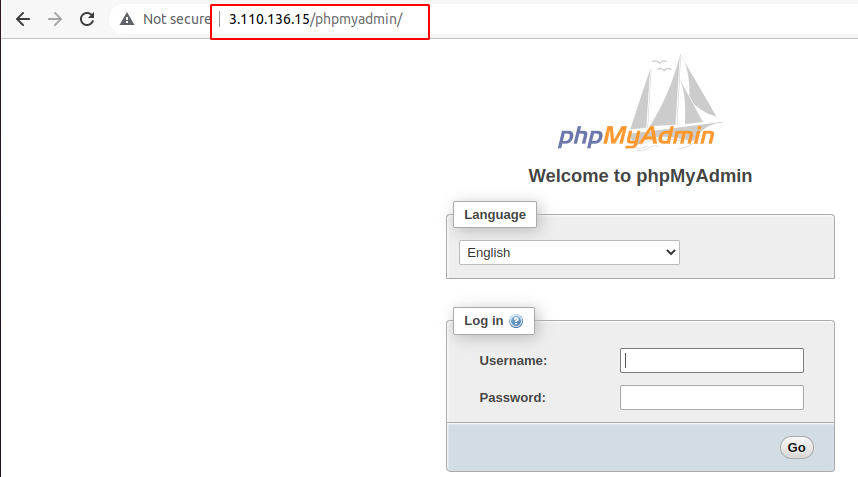




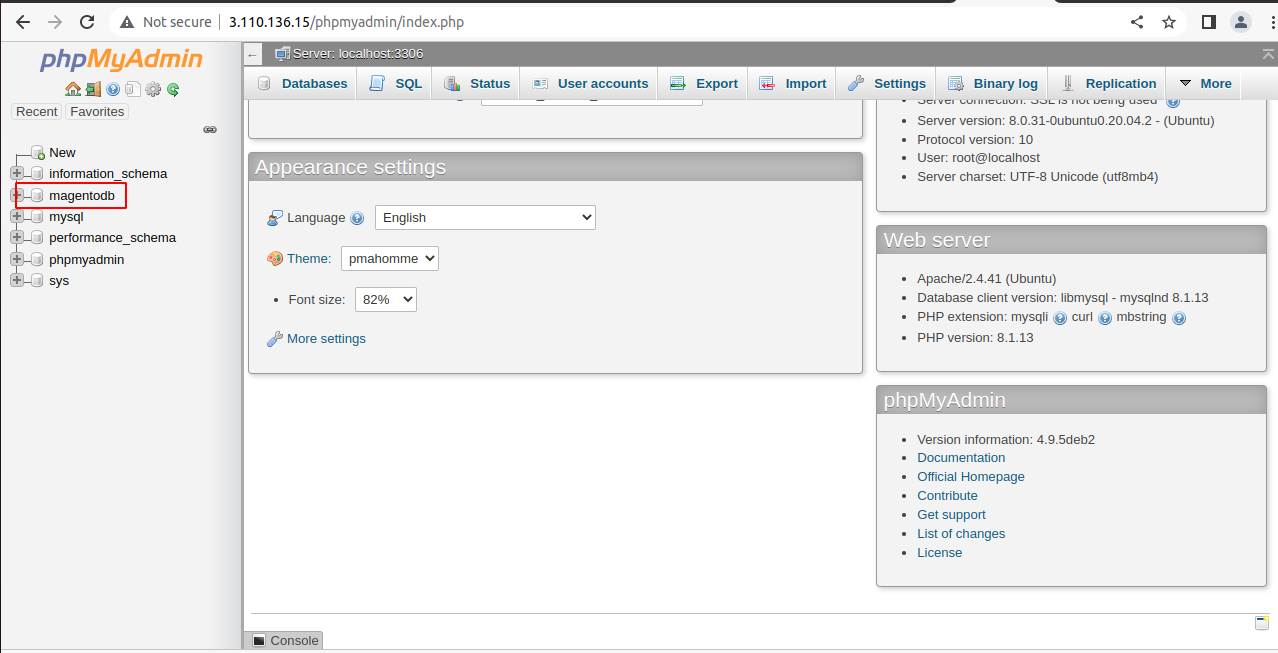




http://ip/phpmyadmin



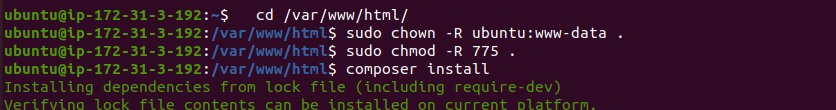
login

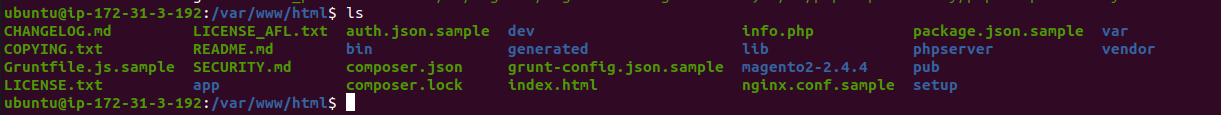
cd */var/www/html*

*sudo chown ~~R ubuntu:www~~data .*

*sudo chmod -R 775 .*

*composer install*

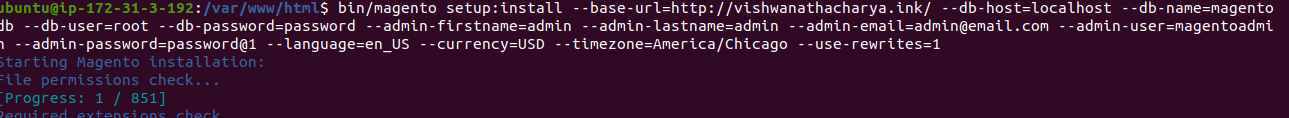
ls



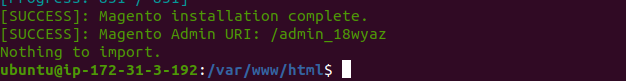
bin/magento setup:install --base-url=http://**ip**/ --db-host=localhost –db-name=**dbname** –db-user=**dbuser** --db-password=**dbpassword** --admin-firstname=**adminname** --admin-lastname=**adminlastname** --admin-email=**adminemail** --admin-user=**useradmin** --admin-password=**passwordadmin** --language=en\_US --currency=USD --timezone=America/Chicago –use-rewrites=1

**With SSL**

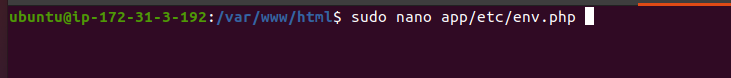
bin/magento setup:install --base-url=**https:**//**ip**/ --db-host=localhost –db-name=**dbname** –db-user=**dbuser** --db-password=**dbpassword** --admin-firstname=**adminname** --admin-lastname=**adminlastname** --admin-email=**adminemail** --admin-user=**useradmin** --admin-password=**passwordadmin** --language=en\_US --currency=USD --timezone=America/Chicago –use-rewrites=1

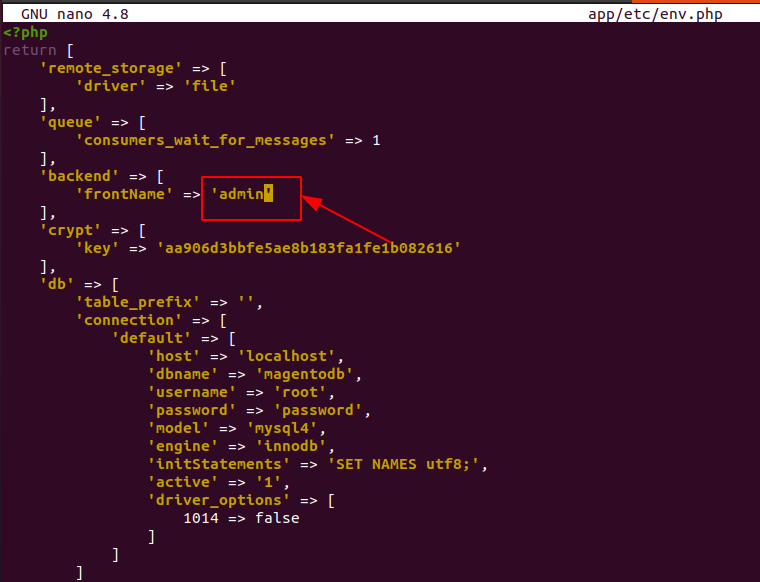


change admin url

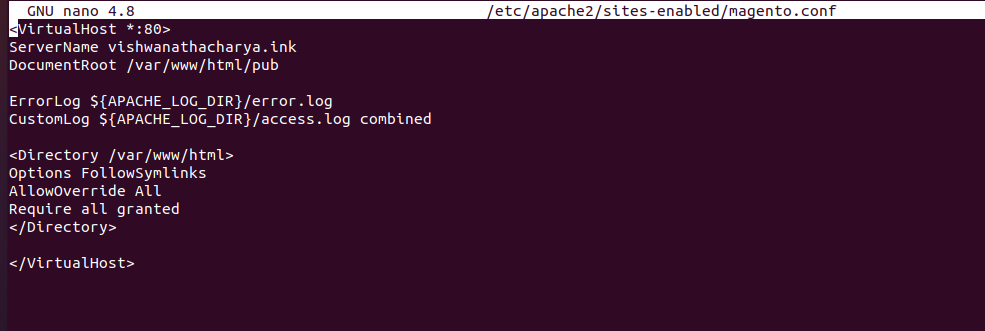


sudo nano app/etc/env.php





sudo nano /etc/apache2/sites-enabled/magento.conf



<VirtualHost \*:80>

ServerName vishwanathacharya.ink

DocumentRoot /var/www/html/pub

ErrorLog ${APACHE\_LOG\_DIR}/error.log

CustomLog ${APACHE\_LOG\_DIR}/access.log combined

<Directory /var/www/html>

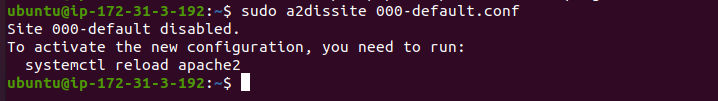
Options FollowSymlinks

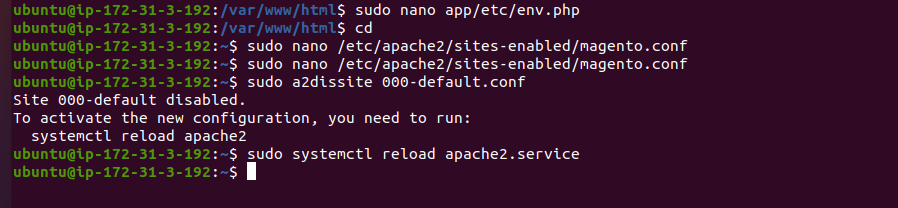
AllowOverride All

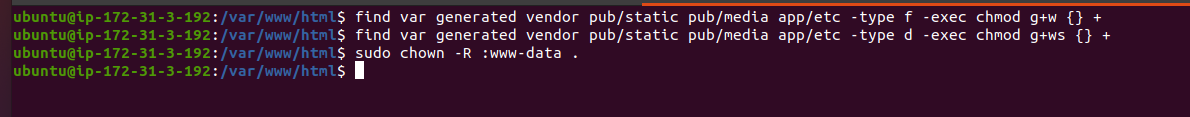
Require all granted

</Directory>

</VirtualHost>

sudo a2dissite 000-default.conf

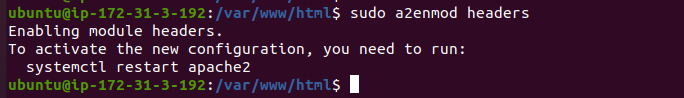
sudo systemctl reload apache2.service

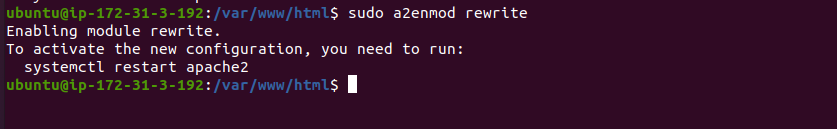


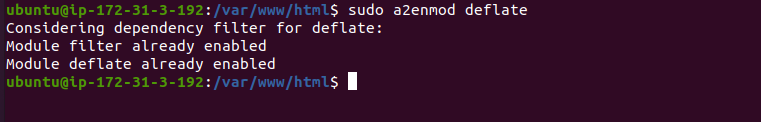
find var generated vendor pub/static pub/media app/etc -type f -exec chmod g+w {} +

find var generated vendor pub/static pub/media app/etc -type d -exec chmod g+ws {} +

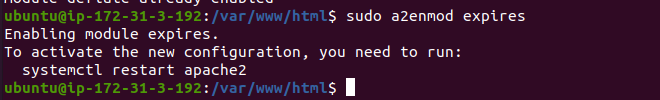
sudo chown -R :www-data .

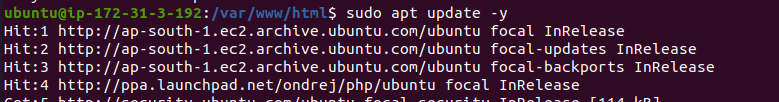
sudo a2enmod headers

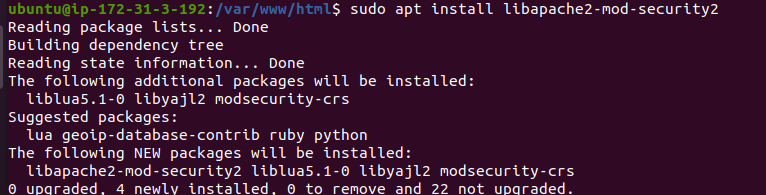
sudo a2enmod rewrite

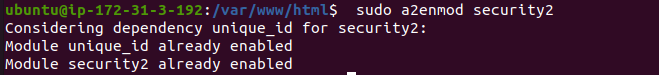


sudo a2enmod deflate

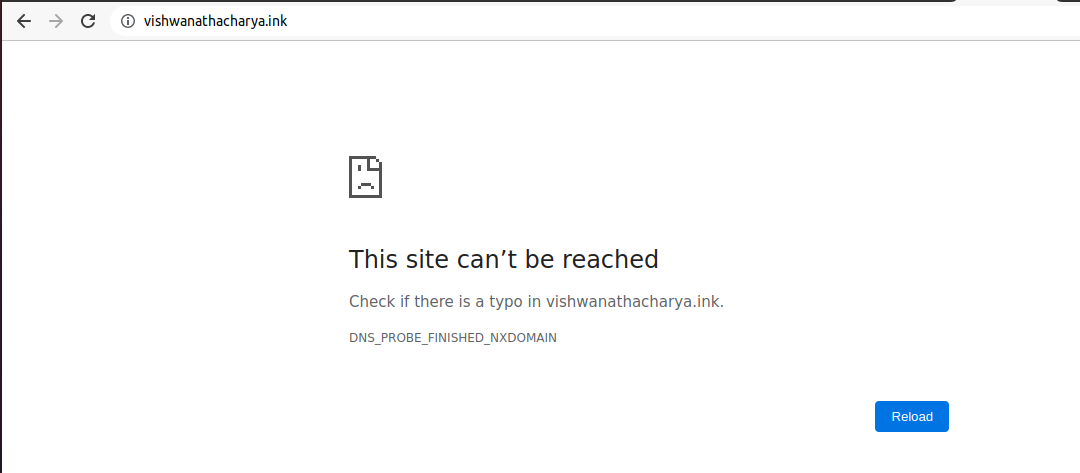
sudo a2enmod expires

sudo apt update -y

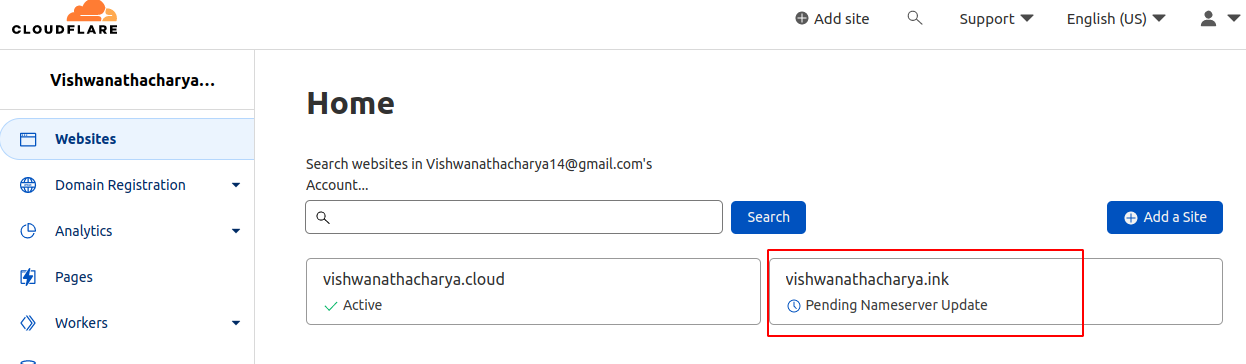
sudo apt install libapache2-mod-security2

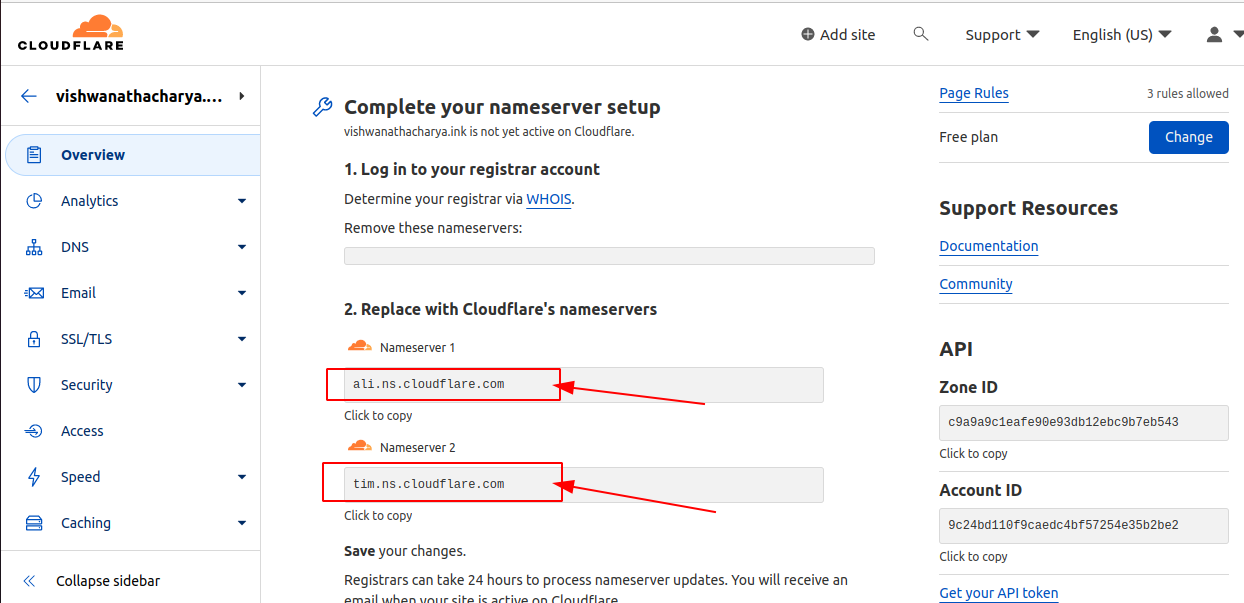
sudo a2enmod security2

sudo systemctl reload apache2.service

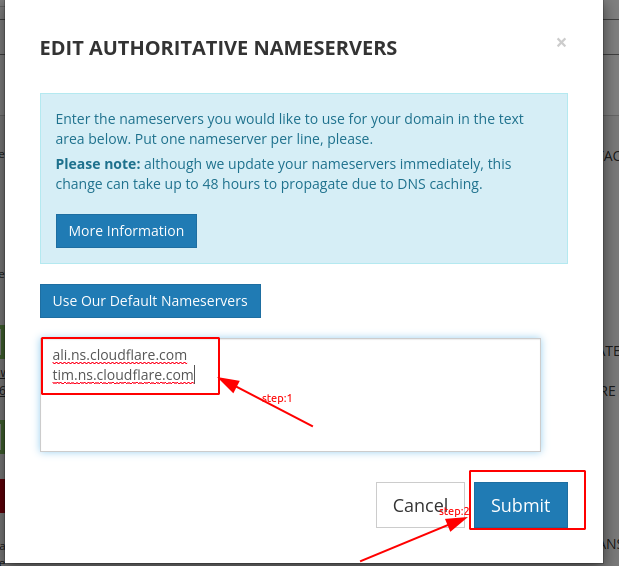


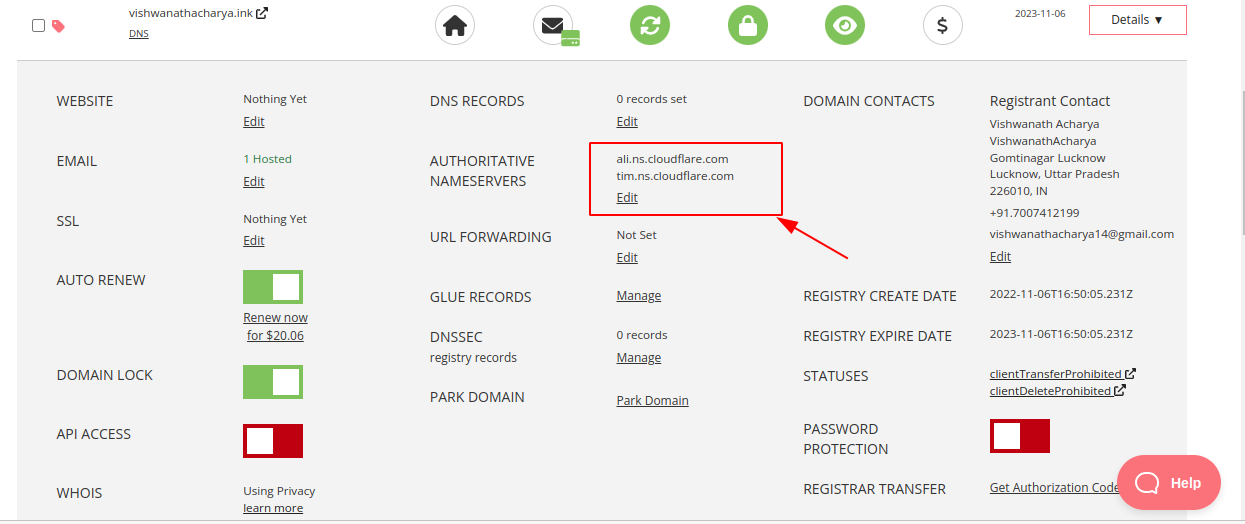
Open Cloudflare

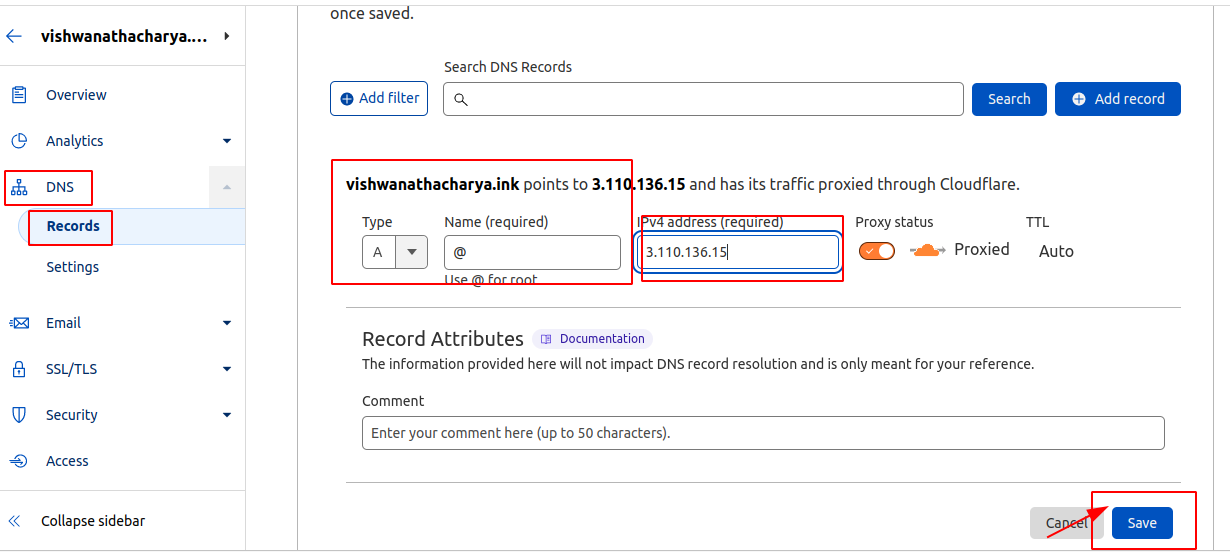


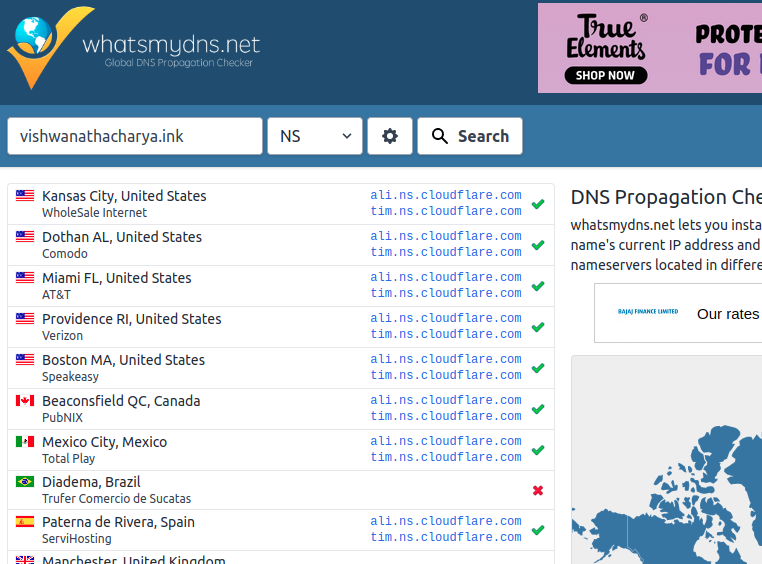


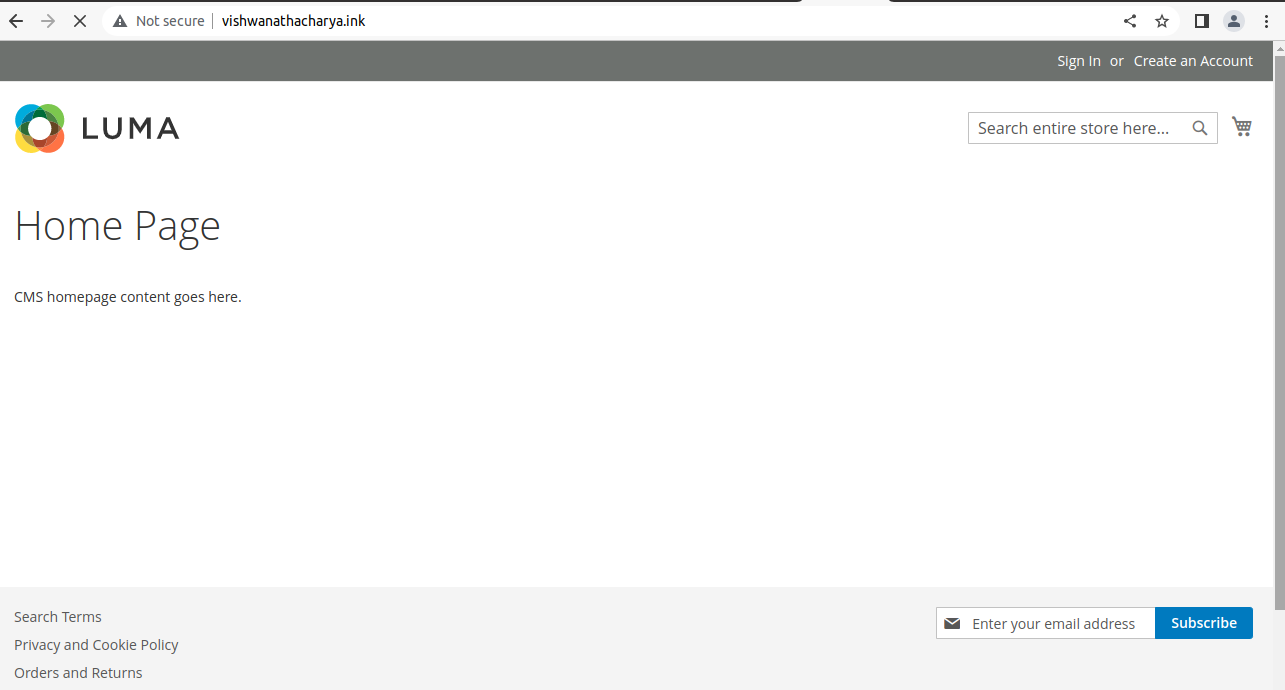
open your domain hosting website & replace nameserver

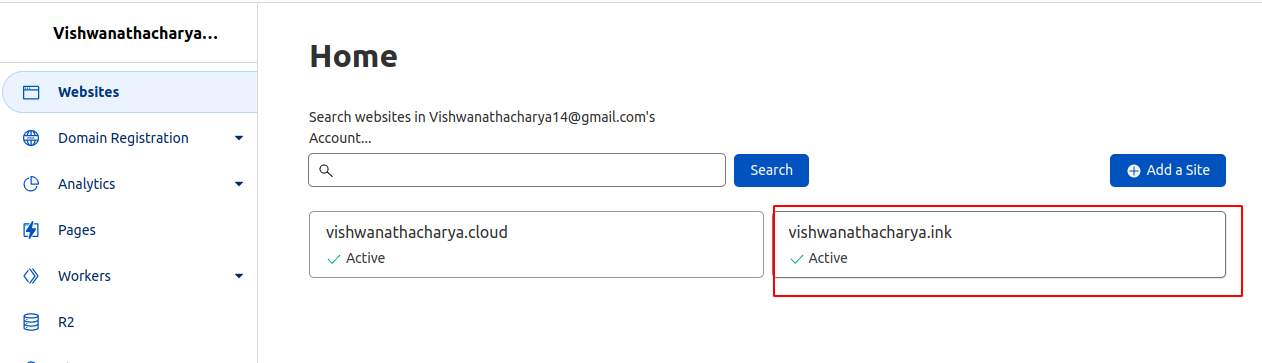






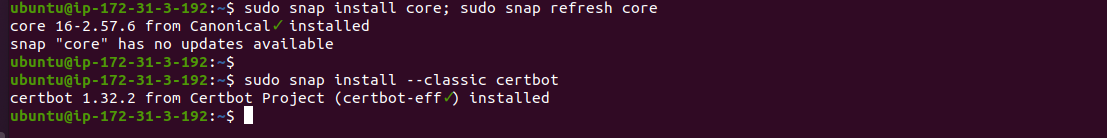




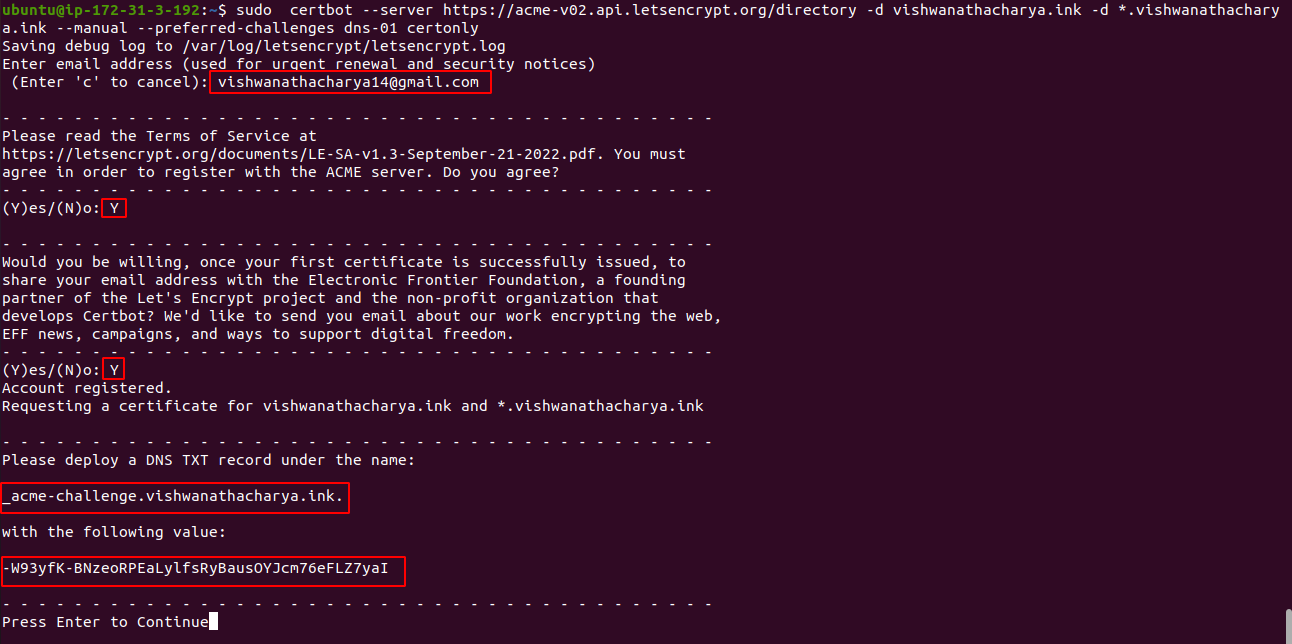


sudo snap install core; sudo snap refresh core

sudo snap install --classic certbot

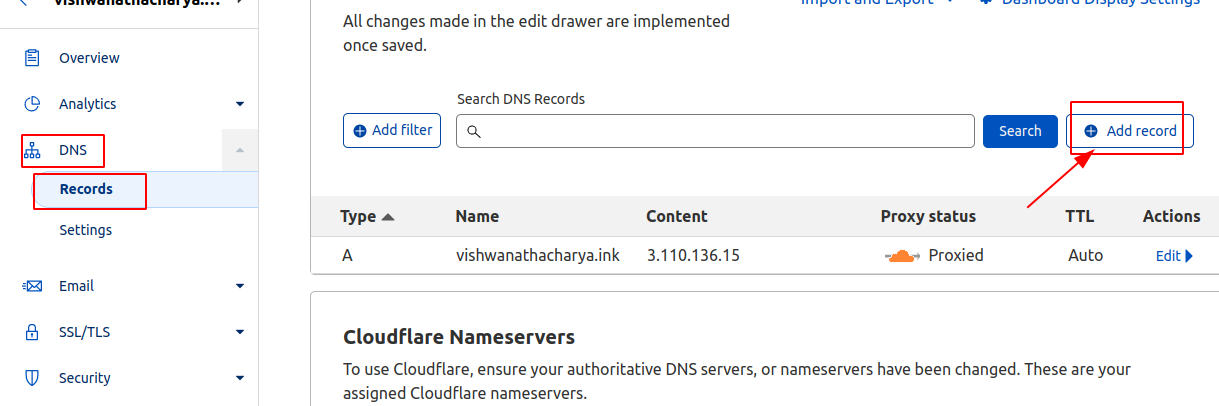
sudo ln -s /snap/bin/certbot /usr/bin/certbot

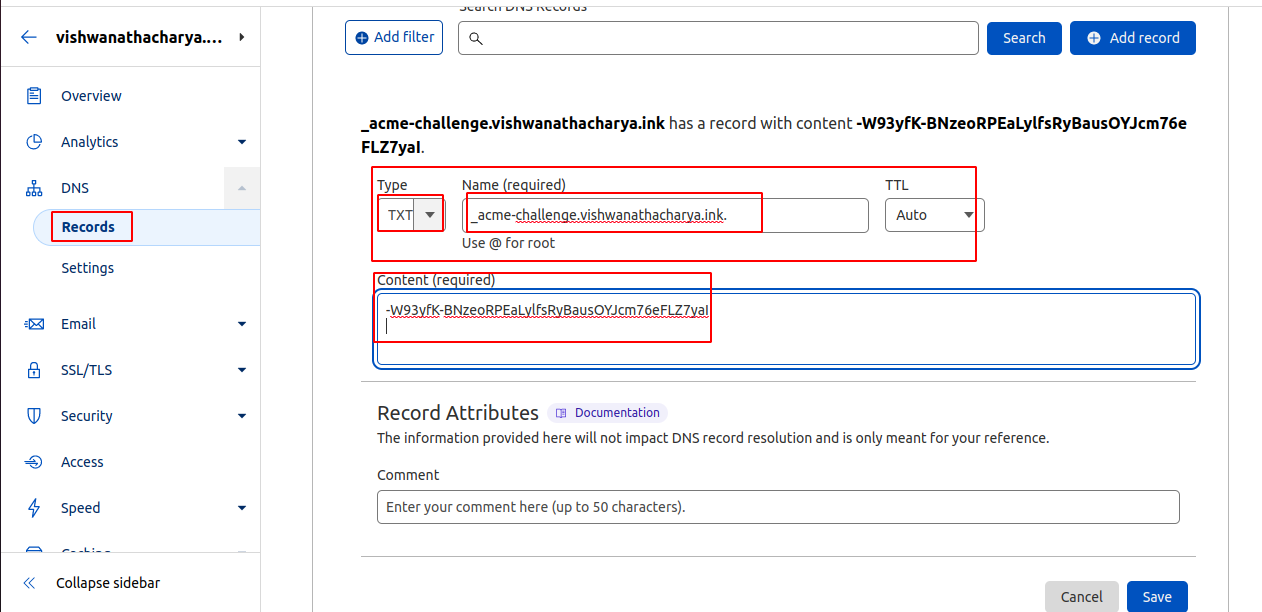


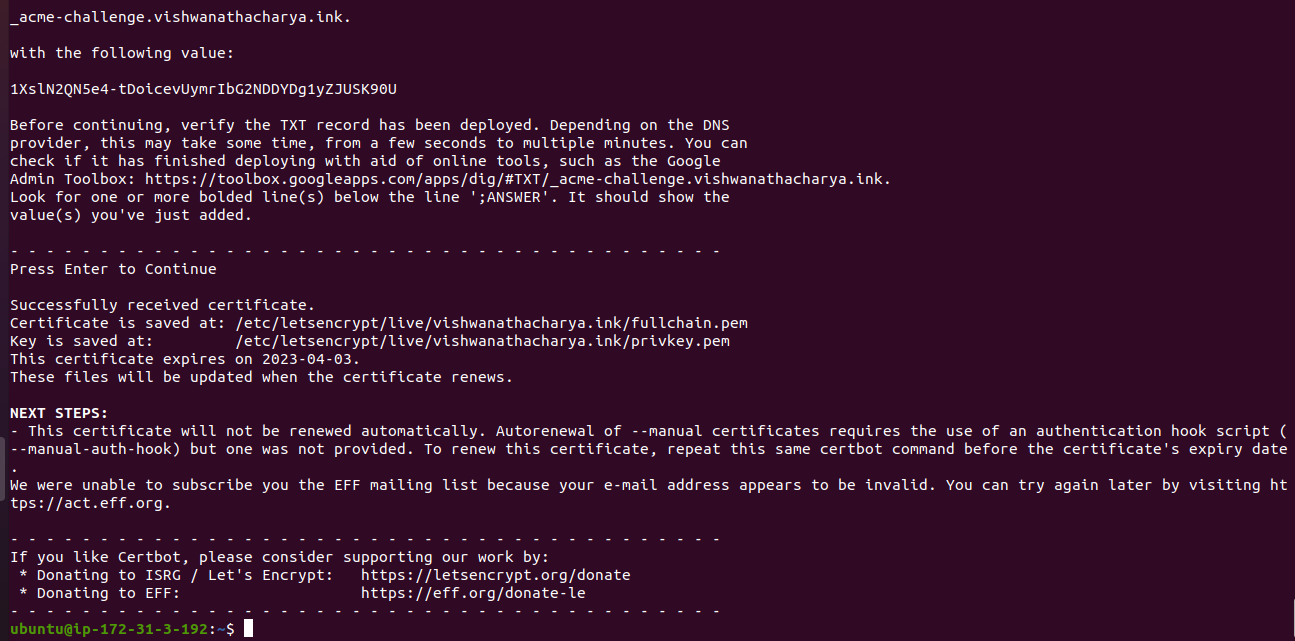


certbot --server https://acme-v02.api.letsencrypt.org/directory -d vishwanathacharya.ink -d \*.vishwanathacharya.ink --manual --preferred-challenges dns-01 certonly

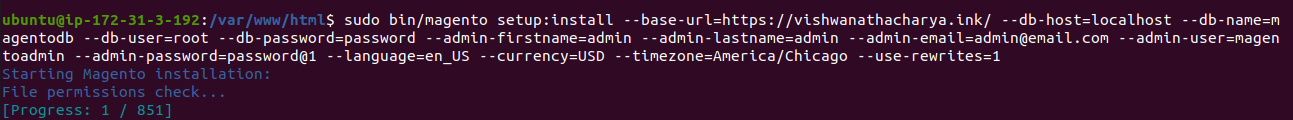
**OPEN CLOUDFLARE**

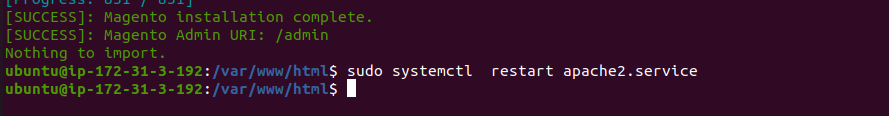
****

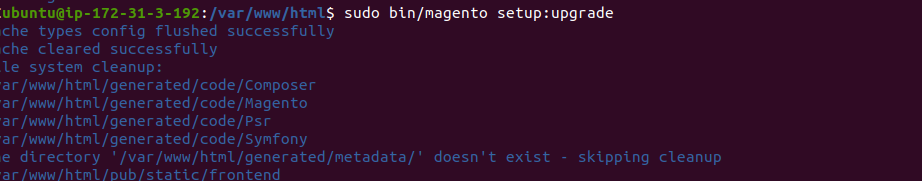


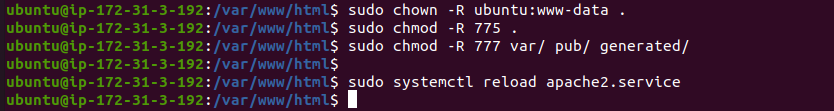


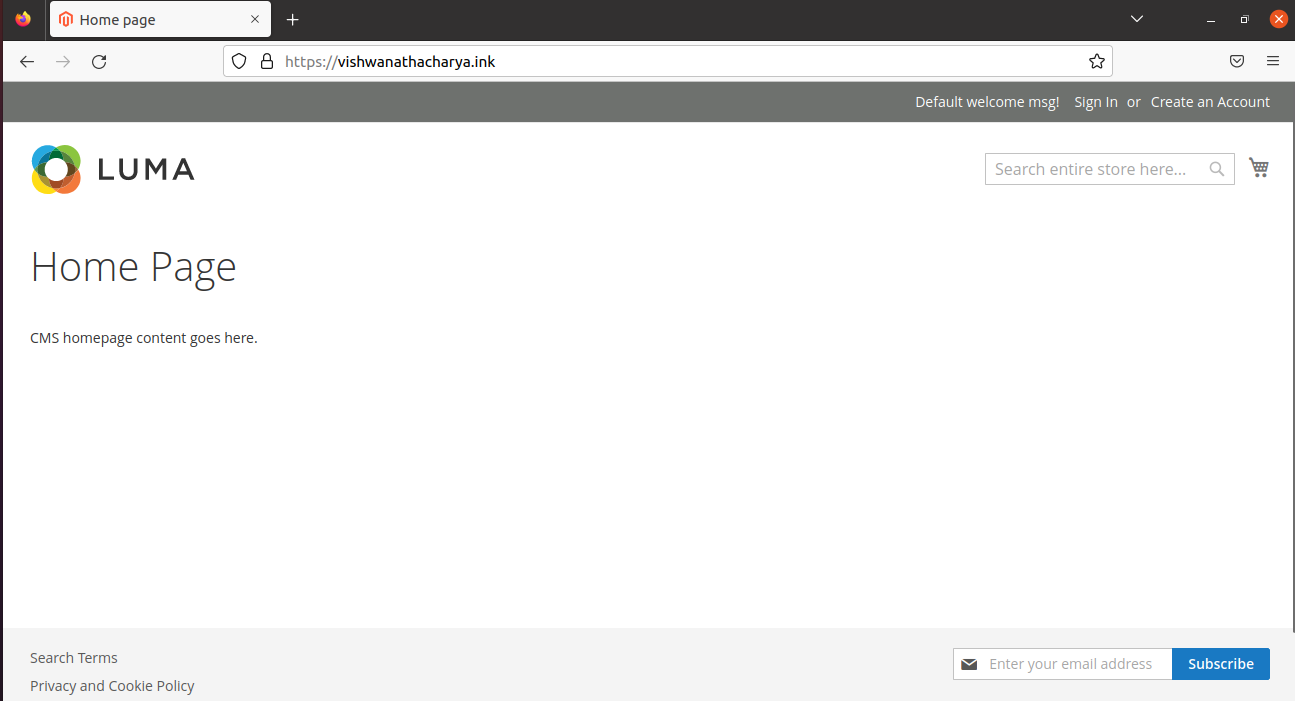
sudo systemctl restart apache2.service

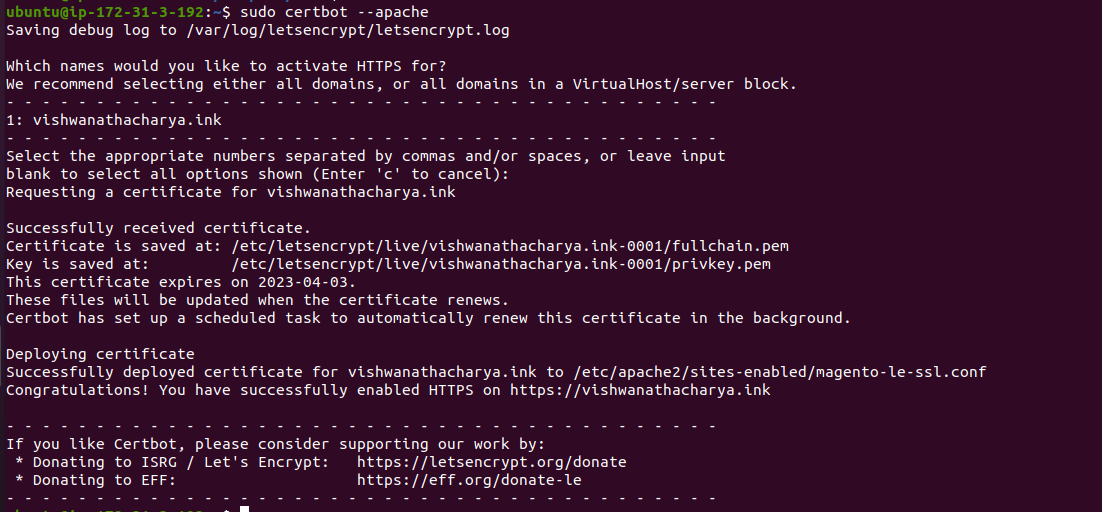
sudo bin/magento setup:install --base-url=https://vishwanathacharya.ink/ --db-host=localhost --db-name=magentodb --db-user=root --db-password=password --admin-firstname=admin --admin-lastname=admin --admin-email=admin@email.com --admin-user=magentoadmin --admin-password=password@1 --language=en\_US --currency=USD --timezone=America/Chicago –use-rewrites=1

sudu bin/magento setup:upgrade

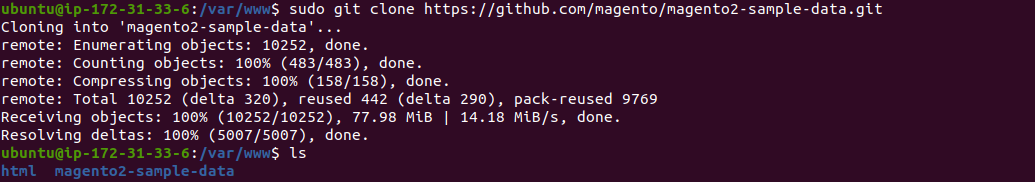








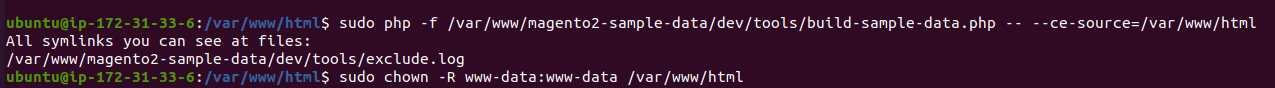
**Add Sample data in Magento**

****

cd /var/www/

sudo git clone <https://github.com/magento/magento2-sample-data.git>

cd /var/www/html/



sudo php -f /var/www/magento2-sample-data/dev/tools/build-sample-data.php -- --ce-source=/var/www/html

sudo chown -R www-data:www-data /var/www/html

