# **LEMP stack CENTOS / RHEL**

## **## Update**

**sudo yum update**

## **## Install Nginx**

**sudo yum install nginx**

## **## Verify Nginx**

**nginx -v**

## **## Install Mysql-server**

**sudo yum install mysql-server**

## **## Verify Mysql-server**

**mysql -V**

**sudo systemctl start mysqld**

## **## Install PHP and Extension**

**sudo yum install php php-fpm php-mbstring php-curl php-bcmath php-gettext php-zip php-mysqlnd php-cli php-json**

## **## Verify PHP**

**sudo nano /usr/share/nginx/html/info.php**

**<?php**

**phpinfo();**

**?>**

## **## Configure PHP**

### **sudo nano /etc/nginx/default.d/php.conf**

**index index.php index.html index.htm;**

**location ~ \.(php|phar)(/.\*)?$ {**

**fastcgi\_split\_path\_info ^(.+\.(?:php|phar))(/.\*)$;**

**fastcgi\_intercept\_errors on;**

**fastcgi\_index index.php;**

**include fastcgi\_params;**

**fastcgi\_param SCRIPT\_FILENAME $document\_root$fastcgi\_script\_name;**

**fastcgi\_param PATH\_INFO $fastcgi\_path\_info;**

**fastcgi\_pass php-fpm;**

**}**

### **sudo nano /etc/nginx/conf.d/rhelcedcoss.conf**

**server {**

**server\_name rhelcedcoss.com**

**root /usr/share/nginx/html;**

**location / {**

**index index.html index.htm index.php;**

**}**

**location ~ \.php$ {**

**try\_files $uri =404;**

**fastcgi\_intercept\_errors on;**

**fastcgi\_index index.php;**

**include fastcgi\_params;**

**fastcgi\_param SCRIPT\_FILENAME $document\_root$fastcgi\_script\_name;**

**fastcgi\_pass php-fpm;**

**}**

**}**

[**http://localhost/phpinfo**](http://localhost/phpinfo)

## **## Install Phpmyadmin**

**sudo yum install wget**

**sudo wget** [**https://files.phpmyadmin.net/phpMyAdmin/5.0.2/phpMyAdmin-5.0.2-all-languages.zip**](https://files.phpmyadmin.net/phpMyAdmin/5.0.2/phpMyAdmin-5.0.2-all-languages.zip)

**sudo yum install unzip**

**sudo unzip phpMyAdmin-5.0.2-all-languages.zip**

**sudo mv phpMyAdmin-5.0.2-all-languages phpmyadmin**

**sudo mv phpmyadmin/ /usr/share/**

**cd /usr/share/phpmyadmin**

**sudo mv config.sample.inc.php config.inc.php**

**date +%s | sha256sum | base64 | head -c 32 ; echo**

## **## copy output and paste in blowfish = “”;**

### **sudo nano config.inc.php**

**sudo mysql < /usr/share/phpmyadmin/sql/create\_tables.sql -u root -p**

**sudo mkdir /usr/share/phpmyadmin/tmp**

**sudo chmod 777 /usr/share/phpmyadmin/tmp**

### **sudo nano /etc/nginx/conf.d/phpmyadmin.conf**

**server {**

**listen 80;**

**server\_name rhelcedcoss.com/phpmyadmin;**

**root /usr/share/nginx/phpmyadmin;**

**location / {**

**index index.php;**

**}**

**## Images and static content is treated different**

**location ~\* ^.+.(jpg|jpeg|gif|css|png|js|ico|xml)$ {**

**access\_log off;**

**expires 30d;**

**}**

**location ~ /\.ht {**

**deny all;**

**}**

**location ~ /(libraries|setup/frames|setup/libs) {**

**deny all;**

**return 404;**

**}**

**location ~ \.php$ {**

**try\_files $uri =404;**

**fastcgi\_intercept\_errors on;**

**fastcgi\_index index.php;**

**include fastcgi\_params;**

**fastcgi\_param SCRIPT\_FILENAME $document\_root$fastcgi\_script\_name;**

**fastcgi\_pass php-fpm;**

**}**

**}**

### **sudo ln -s /usr/share/phpmyadmin/ /usr/share/nginx/html/**

**sudo nginx -t**

**sudo systemctl restart php-fpm**

**sudo systemctl restart myslqd**

**sudo systemctl restart nginx**