Aws EC2:

1. RHEL setup for PHP

After logging to the machine:

yum install nano

nano /etc/yum/pluginconf.d/subscription-manager.conf

* Step 1: Become the root user. command: sudo su
* Step 2: Update Kernal command: yum update -y
* Step 3: Install Apache command: yum install httpd -y
* Step 4: Start Apache command: service httpd start
* sudo systemctl enable httpd.service
* sudo systemctl start httpd.service
* httpd -v
* sudo echo "Hello Sreejit" > /var/www/html/index.html
* Step 5: Check Status of Service command: service httpd status

sudo yum install firewalld

sudo systemctl start firewalld

sudo firewall-cmd --permanent --zone=public --add-service=http

firewall-cmd --permanent --zone=public --add-service=https

firewall-cmd --reload

PHP Setup

* sudo dnf install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm
* sudo rpm -ql epel-release
* sudo dnf install epel-release -y
* sudo dnf install https://rpms.remirepo.net/enterprise/remi-release-8.rpm -y
* dnf module list php
* sudo dnf module enable php:7.4
* sudo dnf install php php-cli php-common
* sudo dnf install php php-mysqlnd php-mbstring php-opcache php-gd
* sudo systemctl start php-fpm
* sudo systemctl enable php-fpm
* sudo systemctl restart httpd

Install Mysql

wget https://repo.mysql.com/mysql80-community-release-el8-1.noarch.rpm

yum localinstall mysql80-community-release-el8-1.noarch.rpm

yum repolist enabled | grep "mysql.\*-community.\*"

yum install mysql-community-server

dnf install -y wget php php-pdo php-pecl-zip php-json php-common php-fpm php-mbstring php-cli php-mysqlnd php-xml tar

<https://www.itzgeek.com/how-tos/linux/centos-how-tos/how-to-install-phpmyadmin-on-rhel-8.html>

grep 'temporary password' /var/log/mysqld.log

mysql\_secure\_installation

chkconfig mysqld on

yum install mysql-server

Install PhpMyAdmin

wget <https://files.phpmyadmin.net/phpMyAdmin/5.1.1/phpMyAdmin-5.1.1-all-languages.tar.gz>

tar -zxvf phpMyAdmin-5.1.1-all-languages.tar.gz

mv phpMyAdmin-5.1.1-all-languages /usr/share/phpMyAdmin

cp -pr /usr/share/phpMyAdmin/config.sample.inc.php /usr/share/phpMyAdmin/config.inc.php

vi /usr/share/phpMyAdmin/config.inc.php

$cfg['blowfish\_secret'] = 'bo95yavJ;V,1PzSlxyFwtyMJ}WmG98-6'; /\* YOU MUST FILL IN THIS FOR COOKIE AUTH! \*/

vi /etc/httpd/conf.d/phpMyAdmin.conf

Alias /phpMyAdmin /usr/share/phpMyAdmin

Alias /phpmyadmin /usr/share/phpMyAdmin

<Directory /usr/share/phpMyAdmin/>

AddDefaultCharset UTF-8

<IfModule mod\_authz\_core.c>

# Apache 2.4

<RequireAny>

Require all granted

</RequireAny>

</IfModule>

<IfModule !mod\_authz\_core.c>

# Apache 2.2

Order Deny,Allow

Deny from All

Allow from 127.0.0.1

Allow from ::1

</IfModule>

</Directory>

<Directory /usr/share/phpMyAdmin/setup/>

<IfModule mod\_authz\_core.c>

# Apache 2.4

<RequireAny>

Require all granted

</RequireAny>

</IfModule>

<IfModule !mod\_authz\_core.c>

# Apache 2.2

Order Deny,Allow

Deny from All

Allow from 127.0.0.1

Allow from ::1

</IfModule>

</Directory>

mkdir /usr/share/phpMyAdmin/tmp

chmod 777 /usr/share/phpMyAdmin/tmp

chown -R apache:apache /usr/share/phpMyAdmin

systemctl restart httpd