## How to install phpMyAdmin manually in Nginx

sudo apt update -y

sudo apt-get install nginx -y

sudo ufw allow 'Nginx HTTP'

sudo ufw allow 'Nginx HTTPS'

sudo ufw allow 'Nginx Full'

sudo ufw enable

sudo ufw status

sudo apt install mysql-server -y

#Alter root user

sudo mysql

ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'new\_root\_password';

FLUSH PRIVILEGES;

exit;

sudo apt-get software-properties-common

sudo add-apt-repository ppa:ondrej/php

sudo apt update -y

sudo apt install php8.1 php8.1-fpm -y

sudo systemctl status php8.1-fpm

#Open /etc/nginx/sites-available/default file with sudo nano  
#Add index.php in index index.html index.html index.nginx-debian.html line

#Uncomment following lines and change php7.4-fpm.sock to php8.1-fpm.sock

location ~ \.php$ {

include snippets/fastcgi-php.conf

fastcgi\_pass unix:/var/run/php/php8.1-fpm.sock;

}

#Install php additional libraries

sudo apt install php8.1-curl php8.1-mysql php8.1-gd php8.1-intl php8.1-mbstring php8.1-soap php8.1-xml php8.1-xmlrpc php8.1-zip -y

sudo rm /var/www/html/index.html

sudo nano /var/www/html/info.php

<?php

phpinfo();

?>

#Save and exit

#Check php is installed or not

<http://localhost/info.php>

#Download and Configure phpmyadmin

wget [https://files.phpmyadmin.net/phpMyAdmin/5.2.0/phpMyAdmin-5.2.0-all-languages.tar.g](https://files.phpmyadmin.net/phpMyAdmin/5.2.0/phpMyAdmin-5.2.0-all-languages.tar.gz)z

tar -zxvf phpMyAdmin-5.2.0-all-languages.tar.gz

sudo mv phpMyAdmin-5.2.0-all-languages /usr/share/phpmyadmin

sudo mv /usr/share/phpmyadmin/config.sample.inc.php /usr/share/phpmyadmin/config.inc.php

sudo nano /usr/share/phpmyadmin/config.inc.php

#make changes  
$cfg['blowfish\_secret'] = 'CfX1la/aG83gx1{7rADus,iqz8RzeV8x'; /\* YOU MUST FILL IN THIS FOR COOKIE AUTH! \*/

#Get Blowfish Secret Key from :-

https://phpsolved.com/phpmyadmin-blowfish-secret-generator/?g=5cecac771c51c

/\*\*

\* phpMyAdmin configuration storage settings.

\*/

/\* User used to manipulate with storage \*/

$cfg['Servers'][$i]['controlhost'] = '**localhost**';

// $cfg['Servers'][$i]['controlport'] = '';

$cfg['Servers'][$i]['controluser'] = '**pmauser**';

$cfg['Servers'][$i]['controlpass'] = '**mypmapass**';

#End of editing

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

sudo mysql -u root -p

CREATE USER 'phpmyadmin'@'localhost' IDENTIFIED BY 'password';

GRANT ALL PRIVILEGES ON phpmyadmin.\* TO 'pmauser'@'localhost' WITH GRANT OPTION;

FLUSH PRIVILEGES;

EXIT;

sudo mkdir /usr/share/phpmyadmin/tmp

sudo chmod 777 /usr/share/phpmyadmin/tmp

sudo chown -R www-data:www-data /usr/share/phpmyadmin

sudo ln -s /usr/share/phpmyadmin /var/www/html

sudo nginx -t

sudo systemctl restart nginx php8.1-fpm

#Access PhpMyAdmin

http://localhost/phpmyadmin