APACHE/PHP 5.6

* sudo apt update
* sudo apt install apache2
* sudo sed -i "s/Options Indexes FollowSymLinks/Options FollowSymLinks/" /etc/apache2/apache2.conf
* sudo systemctl stop apache2.service
* sudo systemctl start apache2.service
* sudo systemctl enable apache2.service
* sudo apt-get install software-properties-common
* sudo add-apt-repository ppa:ondrej/php
* sudo apt update
* sudo apt install php5.6 libapache2-mod-php5.6 php5.6-common php5.6-mbstring php5.6-xmlrpc php5.6-soap php5.6-gd php5.6-xml php5.6-intl php5.6-mysql php5.6-cli php5.6-mcrypt php5.6-ldap php5.6-zip php5.6-curl php5.6-imap
* sudo nano /etc/php/5.6/apache2/php.ini
  1. file\_uploads = On
  2. allow\_url\_fopen = On
  3. memory\_limit = 256M
  4. upload\_max\_filesize = 64M
  5. max\_execution\_time = 0
  6. display\_errors = On
  7. log\_errors = Off
  8. max\_input\_vars = 1500
  9. date.timezone = America/Chicago

MariaDB/MYSQL:

* sudo apt-get install mariadb-server mariadb-client
* sudo systemctl stop mysql.service
* sudo systemctl start mysql.service
* sudo systemctl enable mysql.service
* sudo mysql\_secure\_installation

1. Enter current password for root (enter for none): Just press the Enter
2. Set root password? [Y/n]: Y
3. New password: Enter password
4. Re-enter new password: Repeat password
5. Remove anonymous users? [Y/n]: Y
6. Disallow root login remotely? [Y/n]: Y
7. Remove test database and access to it? [Y/n]: Y
8. Reload privilege tables now? [Y/n]: Y

* sudo systemctl restart mysql.service
* sudo mysql -u root -p
* CREATE DATABASE vtiger;
* CREATE USER 'vtiger'@'localhost' IDENTIFIED BY 'StrongPassword';
* GRANT ALL ON vtiger.\* TO 'vtiger'@'localhost' WITH GRANT OPTION;
* ALTER DATABASE vtiger CHARACTER SET utf8 COLLATE utf8\_general\_ci;
* FLUSH PRIVILEGES;
* EXIT;

(OR)

* CREATE DATABASE vtigercrmdb;
* CREATE USER 'vtigercrmuser'@'localhost' IDENTIFIED BY 'pass@123';
* GRANT ALL ON vtigercrmdb.\* TO 'vtigercrmuser'@'localhost' WITH GRANT OPTION;
* ALTER DATABASE vtiger CHARACTER SET utf8 COLLATE utf8\_general\_ci;
* FLUSH PRIVILEGES;
* EXIT;

INSTALL VTIGER 6.5.0

* cd /tmp && wget https://sourceforge.net/projects/vtigercrm/files/vtiger%20CRM%206.5.0/Core%20Product/vtigercrm6.5.0.tar.gz
* tar xzf vtigercrm6.5.0.tar.gz
* sudo mv vtigercrm /var/www/html/vtigercrm
* sudo chown -R www-data:www-data /var/www/html/vtigercrm/
* sudo chmod -R 755 /var/www/html/vtigercrm/

CONFIGURE APACHE2

* sudo nano /etc/apache2/sites-available/vtigercrm.conf

PASTE:

<VirtualHost \*:80>

ServerAdmin admin@example.com

DocumentRoot /var/www/html/vtigercrm/

ServerName example.com

ServerAlias www.example.com

<Directory /var/www/html/vtigercrm/>

Options +FollowSymlinks

AllowOverride All

Require all granted

</Directory>

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

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

</VirtualHost>

* //to verify syntax of above conf file

sudo apachectl -t

* sudo a2ensite vtigercrm.conf
* sudo a2dissite 000-defualt.conf
* sudo a2enmod rewrite
* sudo systemctl restart apache2.service