

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 vtiigercrm.conf
- sudo a2dissite 000-default.conf
- sudo a2enmod rewrite
- sudo systemctl restart apache2.service