How To Install vTiger CRM on Ubuntu 18.04 LTS

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Let's look at how to Install vTiger CRM on Ubuntu 18.04 LTS. Vtiger is an open source CRM that enables support, sales, marketing teams to collaborate and organize to boost business growth and improve customer delight.

Vtiger CRM also includes inventory, email, project management, and other tools, providing a complete business management suite.

Features of vTiger CRM

Some top features of vTiger CRM include but not limited to:



• Support automation using a customer portal and support tickets

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- Has a role-based access control
- Provides End to end sales cycle management from campaigns, leads, potentials, quotes, invoices.
- Gives you Outlook, Thunderbird, Firefox, & Gmail plugins
- Workflows, tasks, and project management
- Support Data import & export via CSV files, web-to-lead forms, reports & customizable user dashboards

Our installation of vTiger CRM on Ubuntu 18.04 LTS will require Apache web server, PHP, and MariaDB database server. Here are the steps to get you started.

Step 1: Install PHP

Install PHP and its extensions by running the commands below on your terminal:

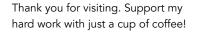


```
sudo apt install -y apache2 libapache2-mod-php

Configure PHP settings like below

sudo vim /etc/php/7.2/apache2/php.ini

Set:
```







```
date.timezone = Africa/Nairobi
memory_limit = 256M
unload_max_filesize = 64M
```



Step 2: Install MariaDB and Create Database

vTiger CRM needs a database store for its data. Install MariaDB in your Ubuntu 18.04 LTS by using the guide below:

Install MariaDB 10.x on Ubuntu 18.04 and CentOS 7

If you're a MySQL user, check:

How to Install MySQL 8.0 on Ubuntu 18.04 / 16.04

After the database server is installed, login to MySQL shell as root user and create a Database for vTiger CRM.

Login to the MariaDB shell:

\$ mysql -u root -p

Create a database and user for vTiger CRM:



```
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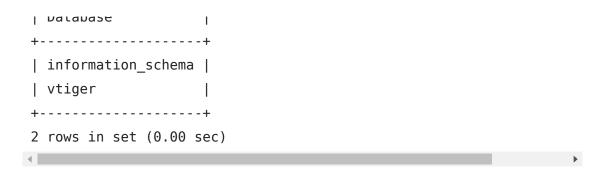
```
CREATE USER 'vtiger'@'localhost' IDENTIFIED BY 'StrongPassword';
CREATE DATABASE vtiger;
GRANT ALL PRIVILEGES ON vtiger.* TO 'vtiger'@'localhost';
FLUSH PRIVILEGES;
QUIT

Checkifyou can log into Database shell as vtiger user:

$ mysql -u vtiger -p
Enter password:
Welcome to the MariaDB monitor. Commands end with; or \g.
Your MariaDB connection id is 42
Server version: 10.3.34-MariaDB-Oubuntu0.18.04.1 Ubuntu 18.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input
```



Step 3: Download Vtiger on Ubuntu 18.04

The next step is to download the latest Vtiger latest version to your Ubuntu 18.04 system using the wget command:

```
wget https://tenet.dl.sourceforge.net/project/vtigercrm/vtiger%20CRN
```

Extract the archive to get the files

tar xvf vtigercrm7.1.0.tar.gz

Move vtigercrm folder and its contents to /srv/vtigercrm





Step 4: Install and Configure Apache2

```
Install Apache2 using:
 sudo apt -y install apache2
 sudo a2enmod rewrite
 sudo systemctl restart apache2
Then set proper directory permissions.
 sudo chown -R www-data:www-data /srv/vtigercrm
Then create a Virtual Host file for vTiger
 sudo vim /etc/apache2/sites-enabled/vtigercrm.conf
Add data:
 <VirtualHost *:80>
      ServerAdmin webmaster@example.com
      ServerName crm.example.com
      ServerAlias www.crm.example.com
      DocumentRoot /srv/vtigercrm/
      <Directory /srv/vtigercrm/>
         Options +FollowSymlinks
         AllowOverride All
         Require all granted
      </Directory>
      ErrorLog /var/log/apache2/vtigercrm_error.log
      CustomLog /var/log/apache2/vtigercrm_access.log combined
 </VirtualHost>
Verify file syntax:
 $ sudo apachectl -t
 Syntax OK
                                                           Thank you for visiting. Support my
```



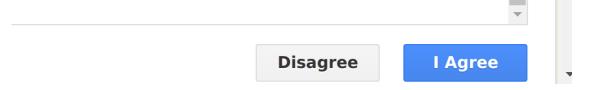
sudo systemctl restart apache2

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Finish the installation by opening http://crm.example.com in your browser.

The first page to show up will be Installation Wizard.

Accept the License Agreement by click "I Agree"



Confirm all Installation prerequisites checks the click **Next** button.

PHP Configuration	Required Value	Present Value
PHP Version	5.4.0	7.2.10-0ubuntu0.18.04.1
Imap Support	Yes	
Zlib Support	Yes	Yes
mysqli support	Yes	Yes
openssl support	Yes	Yes
cURL support	Yes	Yes
GD Library Support	Yes	Yes
SimpleXML Support	Yes	Yes

Under System Configuration:

1. Provide Database and System Information.



X

• Database Type: MySQL

• Host Name: localhost

• User Name: vtiger

• Password: **StrongPassword**

• Database Name: vtiger

2. Provide System Information

• Provide admin user Password

• Provide the Last Name

• Provide an Email address for the admin user

• Set Date format and Timezone

Confirm settings then click **Next**

Set your Industry type and finish the installation.





Finish the installation and login to the dashboard to start administering vTiger CRM. Thanks for using our guide to install vTiger CRM on Ubuntu 18.04 LTS.

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