

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:

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- Support automation using a customer portal and support tickets
- 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:



Also install libapache2-mod-php extension

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

Configure PHP settings like below

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

Set:

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```
date.timezone = Africa/Nairobi  
memory_limit = 256M  
upload_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
```

Check if you can log in to 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-0ubuntu0.18.04.1 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
```



```
| database |
+-----+
| information_schema |
| vtiger |
+-----+
2 rows in set (0.00 sec)
```

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%20CRM
```

Extract the archive to get the files

```
tar xvf vtigercrm7.1.0.tar.gz
```

Move `vtigercrm` folder and its contents to `/srv/vtigercrm`

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```
sudo mv vtigercrm /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
```

Restart `apache2` service

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```
sudo systemctl restart apache2
```

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"**

The screenshot shows a license agreement window with a scroll bar on the right. At the bottom, there are two buttons: a grey 'Disagree' button and a blue 'I Agree' button.

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.

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- 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.

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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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