

# AI-02057 SuiteCRM Setup Ubuntu

Owner	© Rigel Arcayan
Tags	
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**Tell me more about SuiteCRM Application in Ubuntu Server. Can I run it in Azure? Will it do inventory also for a warehouse? Create a Step by Step instructions for SuiteCRM installation in Ubuntu Server from start to finish.**

SuiteCRM is a powerful open-source Customer Relationship Management (CRM) application that runs well on Ubuntu Server and can absolutely be deployed in **Microsoft Azure**. Here's a breakdown of your questions:

## What is SuiteCRM?

SuiteCRM is a fork of SugarCRM Community Edition, designed to provide enterprise-level CRM capabilities for free. It includes modules for:

- **Sales** (Leads, Opportunities, Quotes)
- **Marketing** (Campaigns, Email templates)
- **Customer Support** (Cases, Knowledge Base)
- **Workflow Automation**
- **Reporting and Dashboards**
- **Custom Modules and Fields**

## Can You Run SuiteCRM on Azure?

**Yes, you can!** Here's how:

1. **Deploy an Ubuntu Server VM** in Azure.
2. Install the required stack:

- Apache or Nginx
  - PHP (usually 7.4 or higher)
  - MySQL or MariaDB
3. Download and install SuiteCRM from [suitecrm.com](https://suitecrm.com).
  4. Configure DNS, SSL (via Let's Encrypt), and backups.

Alternatively, you can use **Azure App Services** or **Docker containers** if you prefer a more scalable or containerized setup.

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## Can SuiteCRM Handle Inventory for a Warehouse?

Out of the box, SuiteCRM is **not primarily designed for inventory management**, but you have options:

### What It Can Do:

- Track products and services
- Associate products with quotes, invoices, and opportunities
- Use custom modules to simulate inventory tracking

### What You Might Need:

- **Custom Modules:** You can create modules for stock levels, warehouse locations, and inventory movements.
  - **Third-party Extensions:** Some plugins or integrations (e.g., with ERP systems) can add inventory features.
  - **Integration with ERP:** You can connect SuiteCRM with tools like **Odoo**, **Dolibarr**, or **SAP** for full inventory and warehouse management.
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Would you like help setting up SuiteCRM on Azure, or exploring inventory plugins or customizations for warehouse use?

Here's a **step-by-step guide** to install **SuiteCRM** on an **Ubuntu Server** from scratch. This assumes you're starting with a fresh Ubuntu 20.04 or 22.04 server (either locally or on a cloud platform like Azure).

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# Step-by-Step SuiteCRM Installation on Ubuntu Server

## Step 1: Update Your Server

```
sudo apt update && sudo apt upgrade -y
```

## Step 2: Install Apache, MySQL, and PHP

```
sudo apt install apache2 mysql-server php libapache2-mod-php php-mysql php-curl php-json php-cgi php-cli php-zip php-mbstring php-xml php-soap php-gd php-imap php-bcmath unzip -y
```

## Step 3: Configure MySQL

### 1. Secure MySQL:

Follow prompts to set root password and remove anonymous users.

```
sudo mysql_secure_installation
```

### 2. Create a database and user for SuiteCRM:

```
sudo mysql -u root -p
```

Inside MySQL shell:

```
CREATE DATABASE suitecrm CHARACTER SET utf8mb4 COLLATE utf8mb4_general_ci;  
CREATE USER 'suitecrmuser'@'localhost' IDENTIFIED BY 'your_secure_password';  
GRANT ALL PRIVILEGES ON suitecrm.* TO 'suitecrmuser'@'localhost';
```

```
FLUSH PRIVILEGES;  
EXIT;
```

## Step 4: Download SuiteCRM

```
cd /var/www/html  
sudo wget https://suitecrm.com/files/162/SuiteCRM-8/XXX -O suitecrm.zip  
sudo unzip suitecrm.zip  
sudo mv SuiteCRM-* suitecrm
```

Replace XXX with the latest SuiteCRM 8.x download link. I can help find it if needed.

## Step 5: Set Permissions

```
sudo chown -R www-data:www-data /var/www/html/suitecrm  
sudo chmod -R 755 /var/www/html/suitecrm
```

## Step 6: Configure Apache

Create a new virtual host file:

```
sudo nano /etc/apache2/sites-available/suitecrm.conf
```

Paste the following:

```
<VirtualHost *:80>  
    ServerAdmin admin@example.com  
    DocumentRoot /var/www/html/suitecrm/public  
    ServerName yourdomain.com  
  
    <Directory /var/www/html/suitecrm/public>  
        Options Indexes FollowSymLinks
```

```
AllowOverride All
Require all granted
</Directory>
```

```
ErrorLog ${APACHE_LOG_DIR}/suitecrm_error.log
CustomLog ${APACHE_LOG_DIR}/suitecrm_access.log combined
</VirtualHost>
```

Enable the site and rewrite module:

```
sudo a2ensite suitecrm.conf
sudo a2enmod rewrite
sudo systemctl restart apache2
```

## Step 7: Install SSL (Optional but Recommended)

If using a domain:

```
sudo apt install certbot python3-certbot-apache -y
sudo certbot --apache
```

## Step 8: Run SuiteCRM Installer

Open your browser and go to:

```
http://yourdomain.com
```

or

```
http://your_server_ip
```

Follow the web installer:

- Accept license
- Enter database info

- Create admin user
  - Finish setup
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## Final Steps

- Log in to SuiteCRM dashboard
- Configure cron jobs for scheduled tasks:

```
sudo crontab -e
```

Add:

```
* * * * * cd /var/www/html/suitecrm && php -f cron.php > /dev/nu  
ll 2>&1
```

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Would you like help finding the latest SuiteCRM download link or setting this up on Azure specifically?