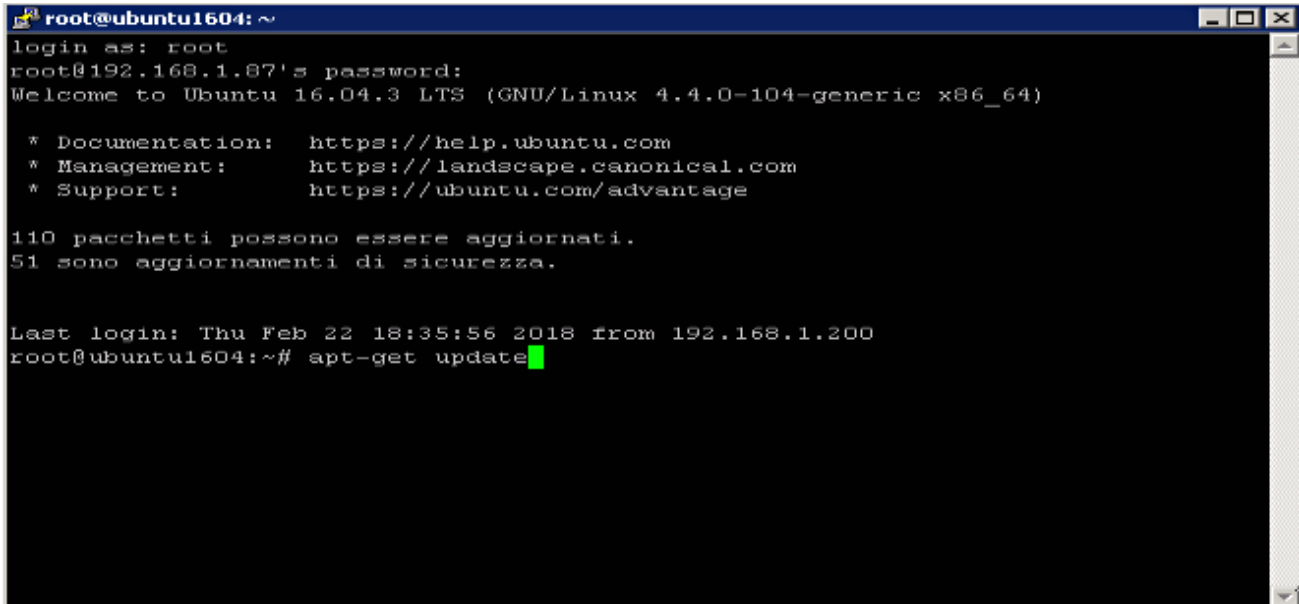


# Installation

Open Putty and connect to the remote host where you will install VTE via SSH connection. First, you must run the command `apt-get update` to update the local package with the recent changes in the repository.

A terminal window titled 'root@ubuntu1604: ~' showing the execution of the 'apt-get update' command. The output includes login information, system version (Ubuntu 16.04.3 LTS), documentation links, and a notification that 110 packages can be updated, including 51 security updates. The last login was on Thu Feb 22 18:35:56 2018 from 192.168.1.200. The command 'apt-get update' is shown with a green cursor at the end.

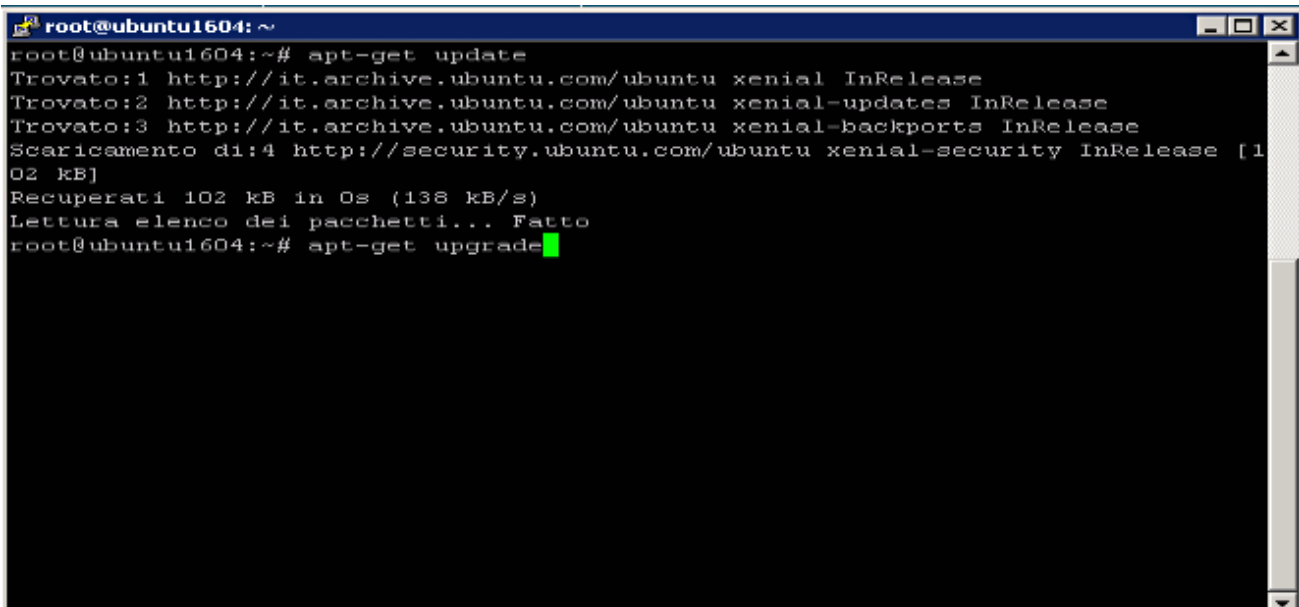
```
root@ubuntu1604: ~
login as: root
root@192.168.1.87's password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-104-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

110 pacchetti possono essere aggiornati.
51 sono aggiornamenti di sicurezza.

Last login: Thu Feb 22 18:35:56 2018 from 192.168.1.200
root@ubuntu1604:~# apt-get update
```

Then type the command `apt-get upgrade` to update the packages installed on your system.

A terminal window titled 'root@ubuntu1604: ~' showing the execution of the 'apt-get upgrade' command. The output lists four repositories found: 'http://it.archive.ubuntu.com/ubuntu xenial InRelease', 'http://it.archive.ubuntu.com/ubuntu xenial-updates InRelease', 'http://it.archive.ubuntu.com/ubuntu xenial-backports InRelease', and 'http://security.ubuntu.com/ubuntu xenial-security InRelease'. It reports downloading 102 kB in 0s at 138 kB/s and that the package list is ready. The command 'apt-get upgrade' is shown with a green cursor at the end.

```
root@ubuntu1604:~# apt-get update
Trovato:1 http://it.archive.ubuntu.com/ubuntu xenial InRelease
Trovato:2 http://it.archive.ubuntu.com/ubuntu xenial-updates InRelease
Trovato:3 http://it.archive.ubuntu.com/ubuntu xenial-backports InRelease
Scaricamento di:4 http://security.ubuntu.com/ubuntu xenial-security InRelease [102 kB]
Recuperati 102 kB in 0s (138 kB/s)
Letture elenco dei pacchetti... Fatto
root@ubuntu1604:~# apt-get upgrade
```

After you upgraded your system, you must install the packages that will allow the operation of VTE.

**Run the following commands:**

- `sudo apt-get install apache2 mysql-server`
- `apt-get install php php-cli php-gd php-imagick php-ldap php-mysql php-curl php-imagick php-mbstring php-xml libapache2-mod-php`
- `sudo phpenmod imap`
- `a2enmod rewrite`
- `dpkg-reconfigure libapache2-mod-php`

Type the command `sudo nano /etc/php/7.0/apache2/php.ini` and check the following:

- `error_reporting = E_ALL & ~E_DEPRECATED & ~E_STRICT & ~E_NOTICE`
- `display_errors = On`
- `max_execution_time = 600`
- `memory_limit = 256M`
- `log_errors = On`
- `file_uploads = On`
- `output_buffering = On`
- `short_open_tag = On`

**Save the file and apply the same change to the file `/etc/php/7.0/cli/php.ini`**

Type the command `service apache2 restart` to restart the Apache service and apply the changes.

Unzip the package VTE in the folder `/var/www/` and assign the owner and group to the folder and files recursively with the command `chown -R www-data:www-data /var/www/CARTELLA/`.



```
root@ubuntu1604: /var/www/html
root@ubuntu1604:/var/www/html# chown -R www-data:www-data /var/www/html/vte/
```

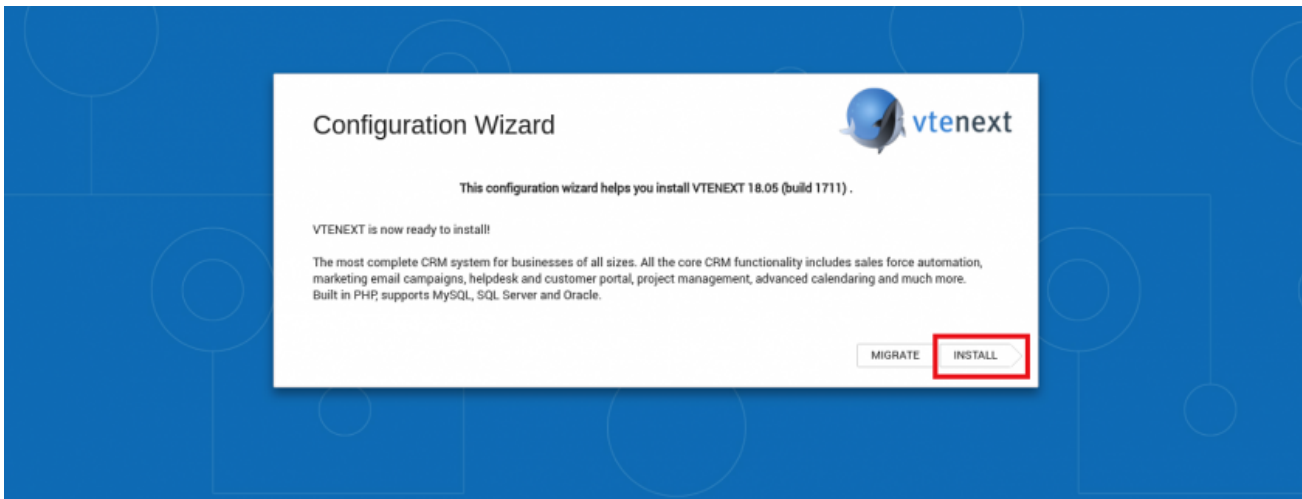
**NB:** The Apache group and the user are displayed by creating a new file called `phpinfo.php`. To create the file, type the command `nano phpinfo.php` and write the following line of code:

```
<?php phpinfo(); ?>
```

Save and then open the `phpinfo.php` page in your browser and look for the following entry:

Apache Version	Apache/2.4.18 (Ubuntu)
Apache API Version	20120211
Server Administrator	webmaster@localhost
Hostname:Port	127.0.1.1:80
User/Group	www-data(33)/33
Max Requests	Per Child: 0 - Keep Alive: on - Max Per Connection: 100
Timeouts	Connection: 300 - Keep-Alive: 5
Virtual Server	Yes
Server Root	/etc/apache2
Loaded Modules	core mod_so mod_watchdog http_core mod_log_config mod_logio mod_version mod_unixd mod_access_compat mod_alias mod_auth_basic mod_auth_core mod_auth_file mod_auth_core mod_auth_host mod_auth_user mod_autoindex mod_deflate mod_dir mod_env mod_filter mod_mime prefork mod_negotiation mod_php7 mod_rewrite mod_setenvif mod_status

Open the folder of VTE through a browser and start the setup procedure of VTE.

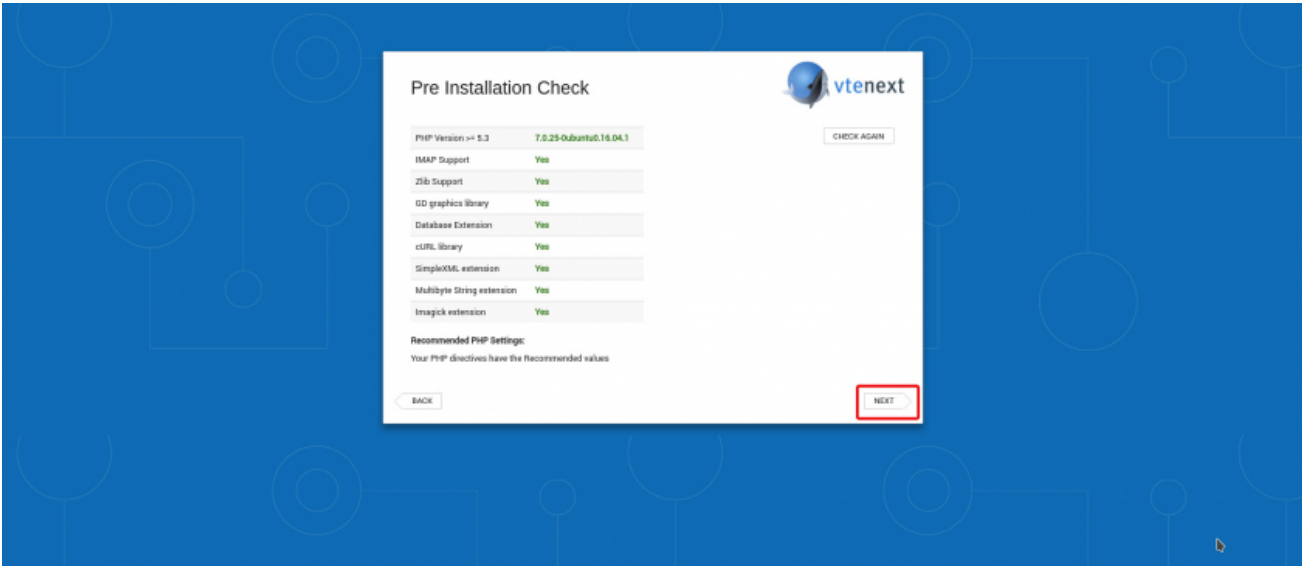


Press the **Install** button and accept the license agreement to continue.

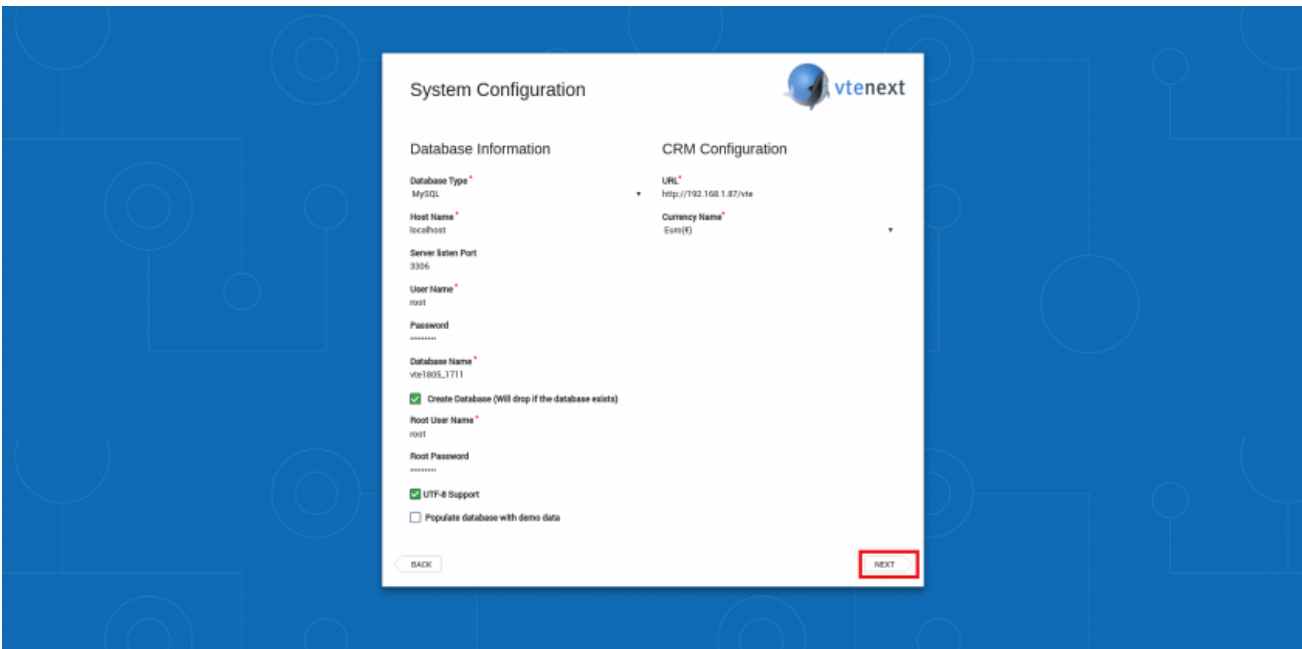


If all packages have been installed and the settings of the *php.ini* file are set correctly you will see the following screen.

To change the parameters of **PHP RECOMMENDED SETTINGS** type `nano/etc/php5/cli/php.ini` and change the values, restart Apache, and press the **Check Again** button.



Press the **Next** button. Configure the database parameters and press the **Next** button.



**Confirm the configuration and start the installation.**

Revision #6

Created 2019-04-29 10:35:22 UTC by Admin

Updated 2020-11-27 11:43:30 UTC by ddalmaso