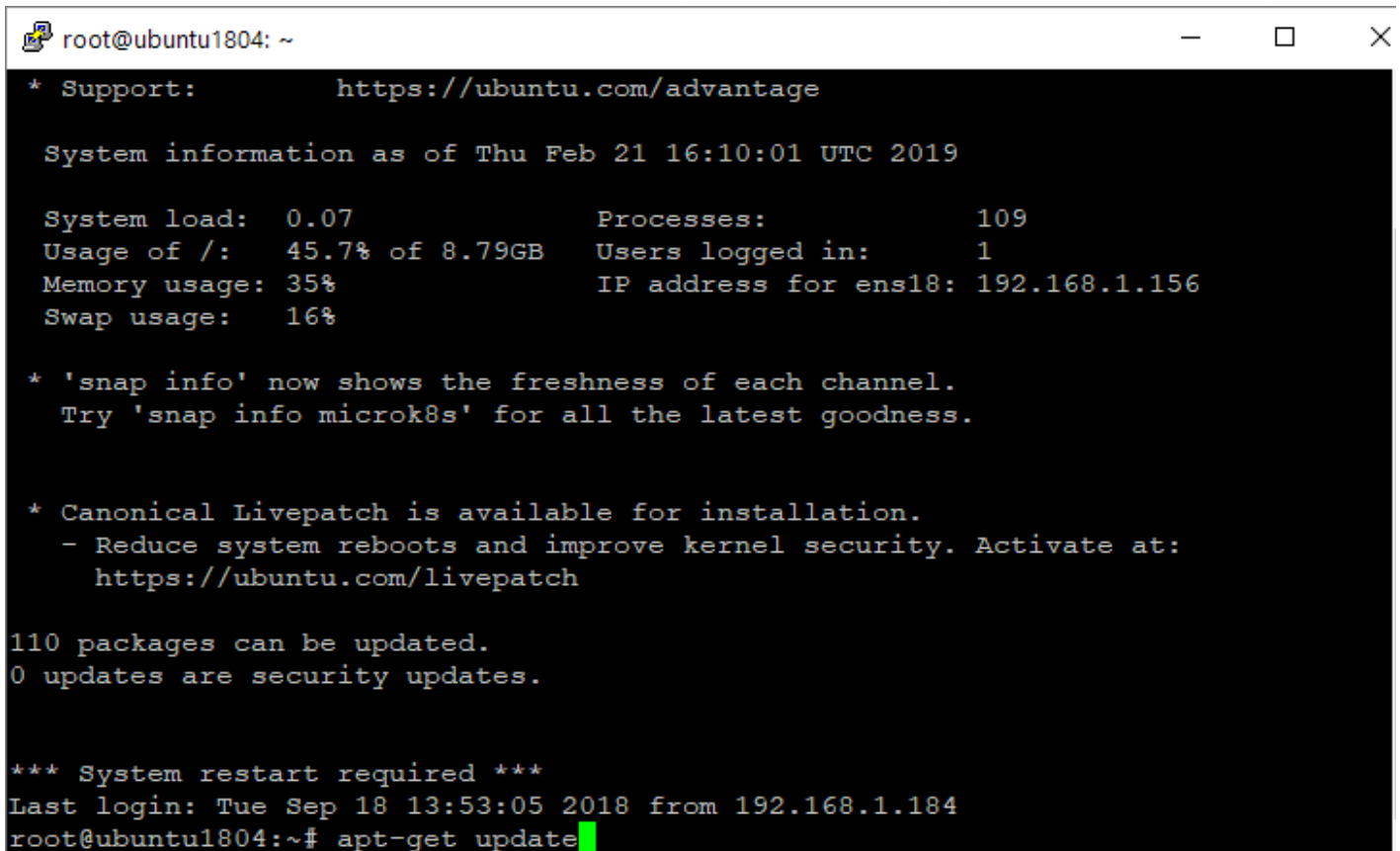


# Installazione

Aprire il programma *Putty* e collegarsi all'host remoto dove si dovrà installare vte tramite connessione SSH. Per prima cosa si deve eseguire il comando *apt-get update* per aggiornare l'elenco locale dei pacchetti con i cambiamenti apportati di recente nei repository.

A screenshot of a terminal window titled 'root@ubuntu1804: ~'. The terminal output shows system information as of Thu Feb 21 16:10:01 UTC 2019. It lists system load (0.07), usage of / (45.7% of 8.79GB), memory usage (35%), swap usage (16%), processes (109), users logged in (1), and IP address for ens18 (192.168.1.156). It also mentions 'snap info' and Canonical Livepatch. At the bottom, it states '110 packages can be updated. 0 updates are security updates.' and '\*\*\* System restart required \*\*\*'. The last login is Tue Sep 18 13:53:05 2018 from 192.168.1.184. The command 'apt-get update' is being entered at the prompt.

```
root@ubuntu1804: ~
* Support:          https://ubuntu.com/advantage

System information as of Thu Feb 21 16:10:01 UTC 2019

System load:  0.07          Processes:           109
Usage of /:   45.7% of 8.79GB Users logged in:      1
Memory usage: 35%          IP address for ens18: 192.168.1.156
Swap usage:   16%

* 'snap info' now shows the freshness of each channel.
  Try 'snap info microk8s' for all the latest goodness.

* Canonical Livepatch is available for installation.
  - Reduce system reboots and improve kernel security. Activate at:
    https://ubuntu.com/livepatch

110 packages can be updated.
0 updates are security updates.

*** System restart required ***
Last login: Tue Sep 18 13:53:05 2018 from 192.168.1.184
root@ubuntu1804:~# apt-get update
```

Successivamente digitare il comando *apt-get upgrade* per aggiornare i pacchetti installati sul sistema.

```
Try 'snap info microk8s' for all the latest goodness.

* Canonical Livepatch is available for installation.
- Reduce system reboots and improve kernel security. Activate at:
  https://ubuntu.com/livepatch

110 packages can be updated.
0 updates are security updates.

*** System restart required ***
Last login: Tue Sep 18 13:53:05 2018 from 192.168.1.184
root@ubuntu1804:~# apt-get update
Hit:1 http://archive.ubuntu.com/ubuntu bionic InRelease
Get:2 http://archive.ubuntu.com/ubuntu bionic-security InRelease [88.7 kB]
Get:3 http://archive.ubuntu.com/ubuntu bionic-updates InRelease [88.7 kB]
Get:4 http://archive.ubuntu.com/ubuntu bionic-security/main amd64 Packages [269 kB]
Get:5 http://archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages [527 kB]
Fetched 974 kB in 1s (925 kB/s)
Reading package lists... Done
root@ubuntu1804:~# apt-get upgrade
```

Dopo aver aggiornato il sistema è necessario installare i pacchetti, se non presenti, che permetteranno il funzionamento di vte.

### Eseguire i seguenti comandi:

- *sudo apt-get install apache2 mysql-server*
- *sudo apt-get install php php-cli php-gd php-imap 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*

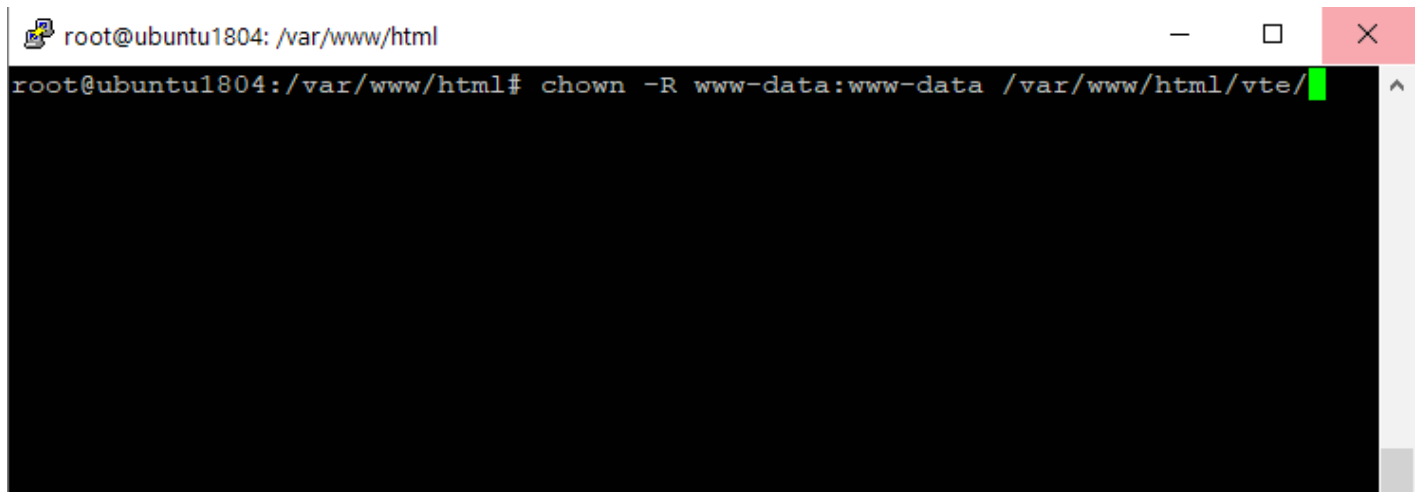
Digitare il comando *sudo nano /etc/php/7.2/apache2/php.ini* e modificare i seguenti parametri:

- *error\_reporting = E\_ALL & ~E\_DEPRECATED & ~E\_STRICT & ~E\_NOTICE*
- *display\_errors = Off*
- *max\_execution\_time = 600*
- *memory\_limit = 256M*
- *log\_errors = On*
- *file\_uploads = On*
- *output\_buffering = On*
- *short\_open\_tag = On*

**Salvare il file ed applicare la stessa modifica al file */etc/php/7.2/cli/php.ini***

Digitare il comando `sudo service apache2 restart` per riavviare il servizio Apache e applicare le modifiche effettuate.

Decomprimere il pacchetto vte nella cartella `/var/www/html/` ed assegnare proprietario e gruppo alla cartella e ai file contenuti ricorsivamente con il comando `chown -R www-data:www-data /var/www/CARTELLA/`.



```
root@ubuntu1804: /var/www/html
root@ubuntu1804:/var/www/html# chown -R www-data:www-data /var/www/html/vte/
```

**NB:** l'utente e il gruppo di apache si visualizzano creando un nuovo file phpinfo. Per creare il file digitare il comando `nano phpinfo.php` e scrivere la seguente riga di codice:

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

Salvare e successivamente aprire la pagina `phpinfo.php` nel browser e cercare la seguente voce:

Apache Version	Apache/2.4.29 (Ubuntu)
Apache API Version	20120211
Server Administrator	webmaster@localhost
Hostname:Port	ubuntu1804.localdomain: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_authn_core mod_authn_file mod_authz_core mod_authz_host mod_authz_user mod_autoindex mod_deflate mod_dir mod_env mod_filter mod_mime prefork mod_negotiation mod_php7 mod_reqtimeout mod_setenvif mod_status

Aprire il browser digitare nella barra degli indirizzi l'url per giungere alla cartella appena generata nel server e si avvierà la procedura di configurazione di vte.

# Configuration Wizard



This configuration wizard helps you install VTENEXT 18.12 (build 1802) .

VTENEXT is now ready to install!

The most complete CRM system for businesses of all sizes. All the core CRM functionality includes sales force automation, marketing email campaigns, helpdesk and customer portal, project management, advanced calendaring and much more. Built in PHP, supports MySQL, SQL Server and Oracle.

MIGRATE

INSTALL

Premere il pulsante **Install** e accettare le condizioni di licenza per proseguire.

## License Agreement



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BACK

I DO NOT AGREE

I AGREE

Se tutti i pacchetti sono stati installati e le impostazioni del file php.ini sono state settate correttamente si visualizzerà la seguente schermata.

Per modificare i parametri di **RECOMMENDED PHP SETTINGS** digitare *sudo nano/etc/php/7.2/apache2/ php.ini* e cercare i valori da modificare, riavviare Apache e premere il pulsante **Check Again**.

## Pre Installation Check



PHP Version >= 5.3	7.2.15-0ubuntu0.18.04.1
IMAP Support	Yes
Zlib Support	Yes
GD graphics library	Yes
Database Extension	Yes
cURL library	Yes
SimpleXML extension	Yes
Multibyte String extension	Yes
Imagick extension	Yes

CHECK AGAIN

### Recommended PHP Settings:

Your PHP directives have the Recommended values

BACK

NEXT

Premere il pulsante **Next**. Configurare i parametri del database e premere il pulsante **Next**.

# System Configuration



## Database Information

Database Type\* MySQL

Host Name\*

localhost

Server listen Port

3306

User Name\*

root

Password

.....

Database Name\*

vte1812\_1802

☒ Create Database (Will drop if the database exists)

Root User Name\*

root

Root Password

.....

☒ UTF-8 Support

☐ Populate database with demo data

## CRM Configuration

URL\*

http://192.168.1.156/vte

Currency Name\*

Euro(€)



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NEXT

**Confermare le configurazioni e avviare l'installazione.**

Revision #1

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