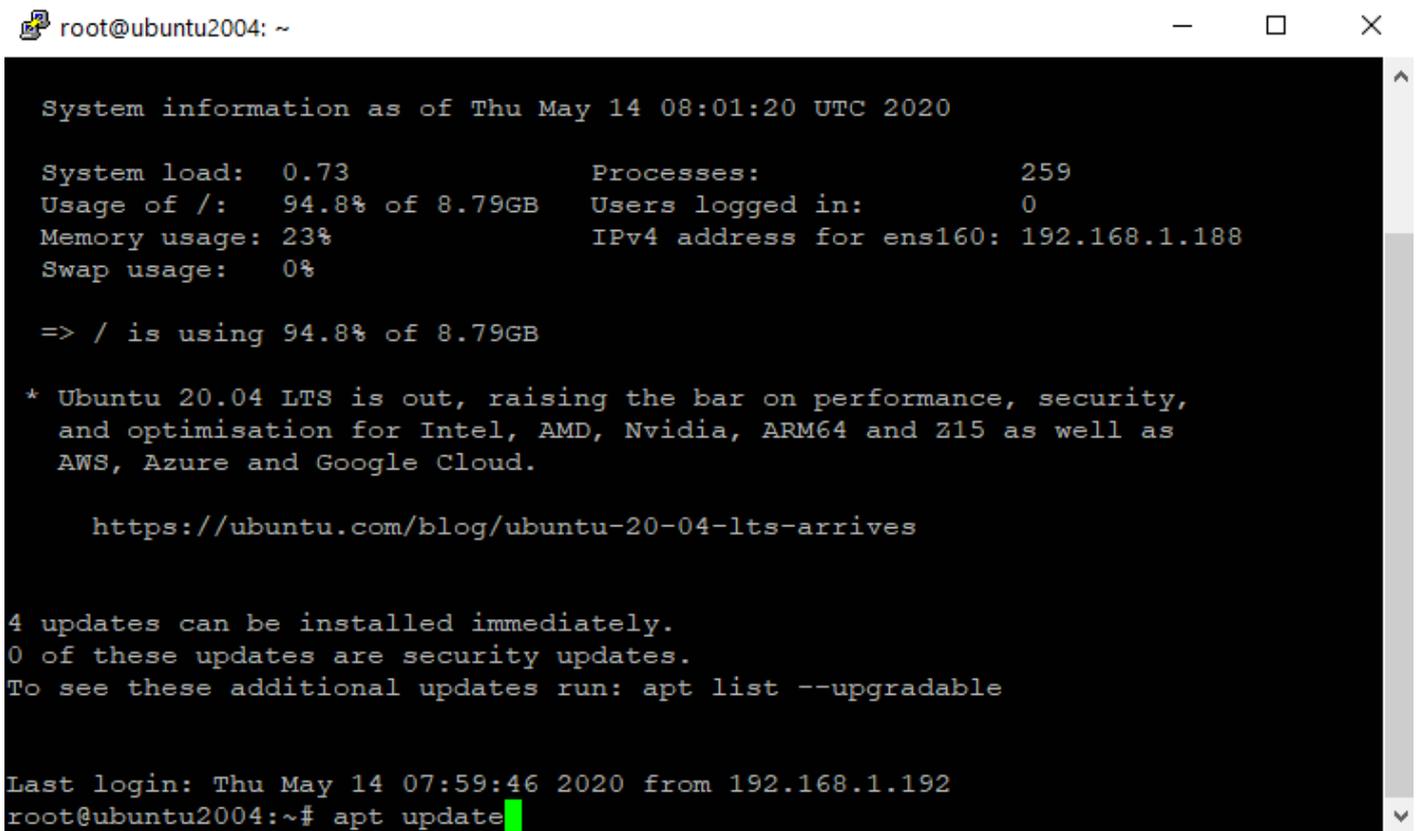


Installazione

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 update* per aggiornare l'elenco locale dei pacchetti con i cambiamenti apportati di recente nei repository.



```
root@ubuntu2004: ~  
  
System information as of Thu May 14 08:01:20 UTC 2020  
  
System load: 0.73          Processes:                259  
Usage of /: 94.8% of 8.79GB  Users logged in:         0  
Memory usage: 23%          IPv4 address for ens160: 192.168.1.188  
Swap usage: 0%  
  
=> / is using 94.8% of 8.79GB  
  
* Ubuntu 20.04 LTS is out, raising the bar on performance, security,  
and optimisation for Intel, AMD, Nvidia, ARM64 and Z15 as well as  
AWS, Azure and Google Cloud.  
  
https://ubuntu.com/blog/ubuntu-20-04-lts-arrives  
  
4 updates can be installed immediately.  
0 of these updates are security updates.  
To see these additional updates run: apt list --upgradable  
  
Last login: Thu May 14 07:59:46 2020 from 192.168.1.192  
root@ubuntu2004:~# apt update
```

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

```
root@ubuntu2004: ~  
Get:6 http://it.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [33.7 kB]  
Get:7 http://it.archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [2204 B]  
Get:8 http://it.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [29.8 kB]  
Get:9 http://it.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [14.7 kB]  
Get:10 http://it.archive.ubuntu.com/ubuntu focal-security/main amd64 Packages [53.7 kB]  
Get:11 http://it.archive.ubuntu.com/ubuntu focal-security/main Translation-en [20.9 kB]  
Get:12 http://it.archive.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [1520 B]  
Get:13 http://it.archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [9360 B]  
Get:14 http://it.archive.ubuntu.com/ubuntu focal-security/universe Translation-en [6580 B]  
Fetched 575 kB in 1s (528 kB/s)  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
11 packages can be upgraded. Run 'apt list --upgradable' to see them.  
root@ubuntu2004:~# apt 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 install apache2 mysql-server`
- `sudo apt install php php-cli php-gd php-imap php-ldap php-mysql php-curl php-imagick php-mbstring php-xml php-apcu libapache2-mod-php`
- `sudo phpenmod imap`
- `a2enmod rewrite`
- `dpkg-reconfigure libapache2-mod-php`

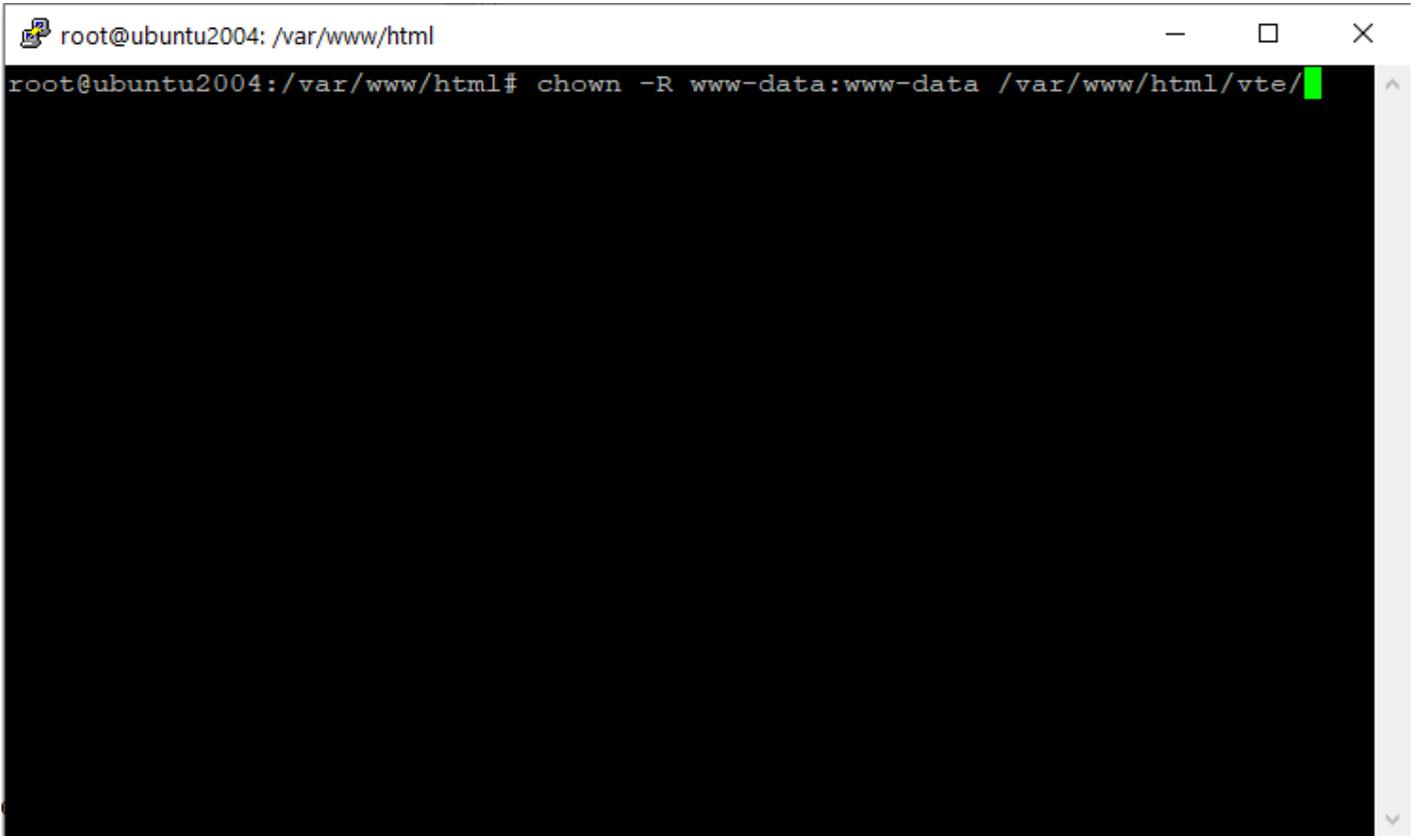
Digitare il comando `sudo nano /etc/php/7.4/apache2/php.ini` e modificare i seguenti parametri:

- `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/7.4/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/html/CARTELLA/`.



```
root@ubuntu2004: /var/www/html
root@ubuntu2004:/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/2.4.41 (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_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_rewrite 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 20.04 (build 2022) .

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.

Plus it is the only Open Source solution with a BPM (Business Process Management) Engine, to drill the Silo Mentality and connect all business ares. This feature allows you to design and automate your own business processes.

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/7.4/apache2/ php.ini* e cercare i valori da modificare, riavviare Apache e premere il pulsante **Check Again**.

Pre Installation Check



PHP Version >= 7.0	7.4.3
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 *

vte

Password

Database Name *

vte2004_2022

Create Database (Will drop if the database exists)

Root User Name *

vte

Root Password

UTF-8 Support

Populate database with demo data

CRM Configuration

URL *

http://mycrmurl

Currency Name *

Euro(€)

BACK

NEXT

Confermare le configurazioni e avviare l'installazione.

Revision #1

Created 14 May 2020 08:29:47 by ddalmaso

Updated 14 May 2020 08:46:37 by ddalmaso