

Fiche Procédure Ubuntu Server



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Introduction

Version d'Ubuntu spécialement conçue pour les environnements de serveurs. Ubuntu Server est utilisé pour gérer des services comme les bases de données, les sites web, le stockage de fichiers et bien plus encore.

Il est populaire en raison de sa fiabilité, sa sécurité et sa facilité de maintenance, ainsi que pour le large éventail d'applications open-source disponibles pour lui.

Ubuntu Server est compatible avec différents types d'architecture, ce qui signifie qu'il peut fonctionner de manière transparente sur les éléments suivants :

- x86
- x86-64
- BRAS v7
- ARM64
- POWER8, et
- Ordinateurs centraux IBM System z via LinuxONE

Le serveur Ubuntu a quatre exigences principales et votre système doit répondre aux critères suivants :

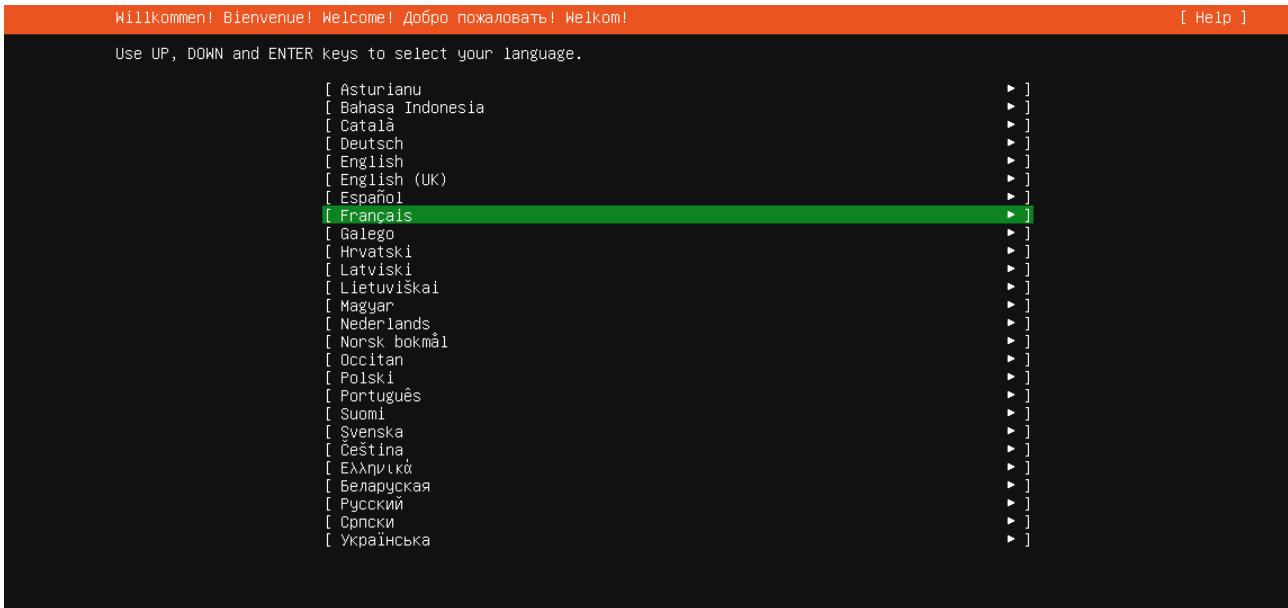
- **RAM** : 4 Go de mémoire
- **CPU** : processeur double cœur 2 GHz

Processus d'installation d'Ubuntu Server

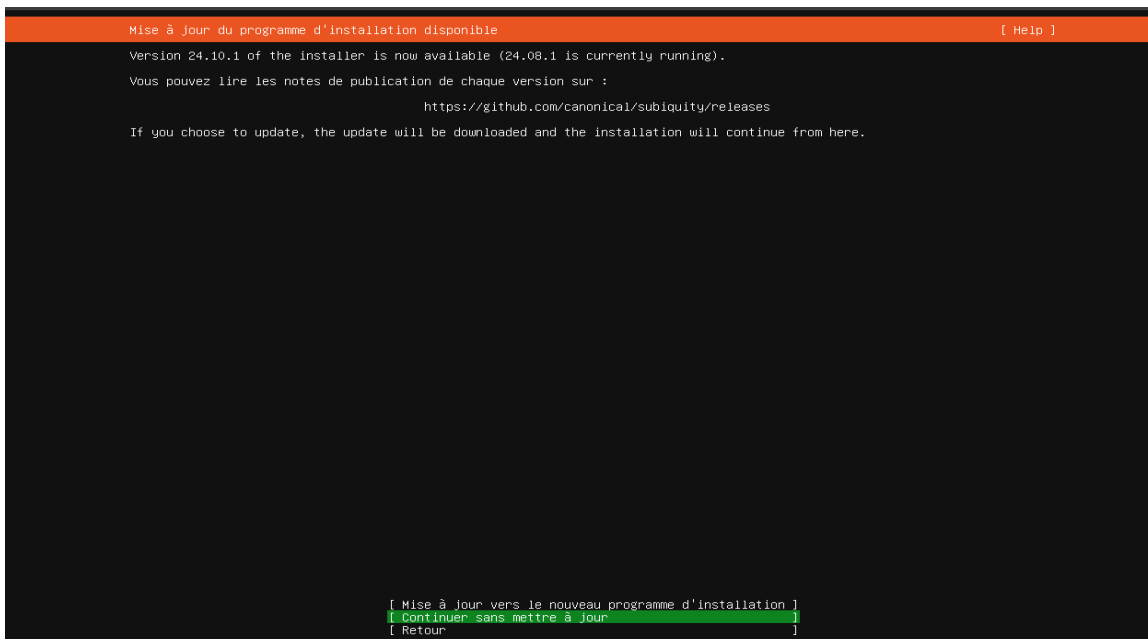
Vous trouverez l'image ISO d'Ubuntu Server à cette adresse : <https://ubuntu.com/download/server>.

1- Lancer l'ISO

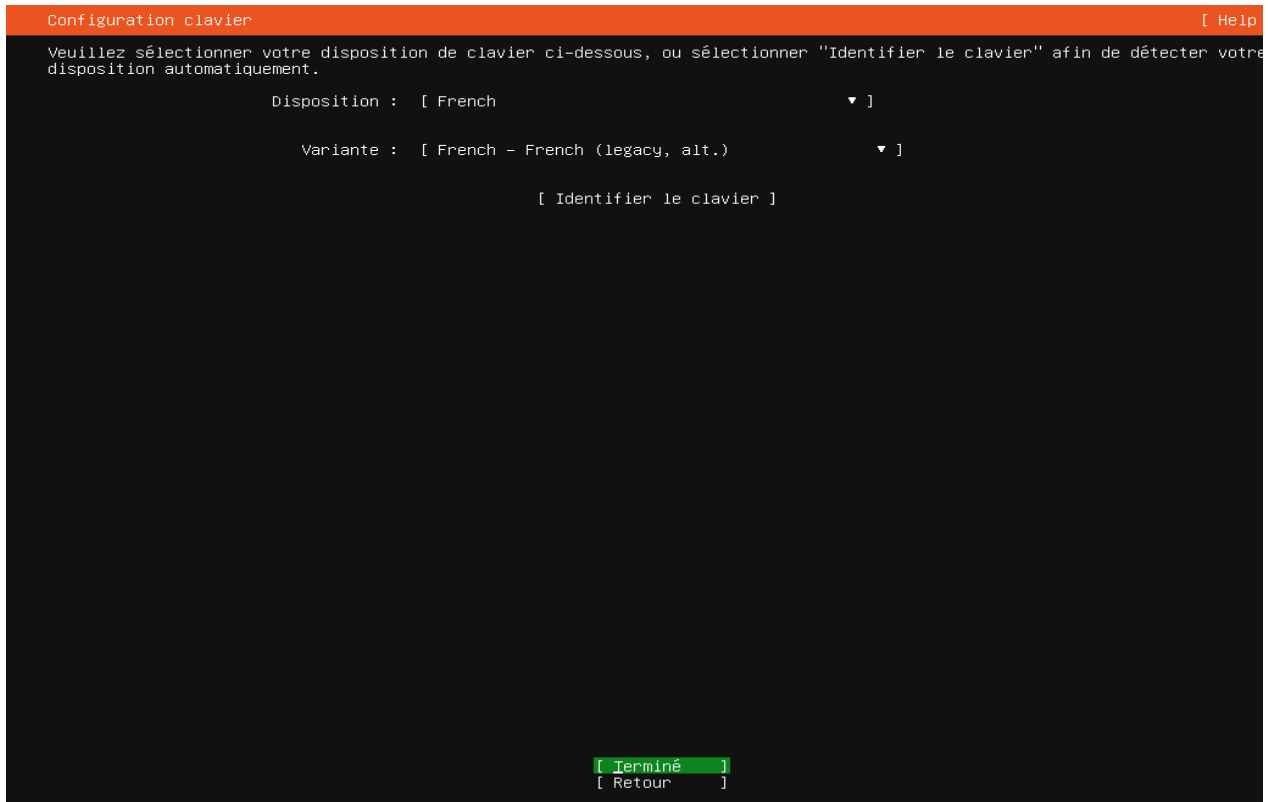
2- Sélection la langue Souhaitez ici c'est Français :



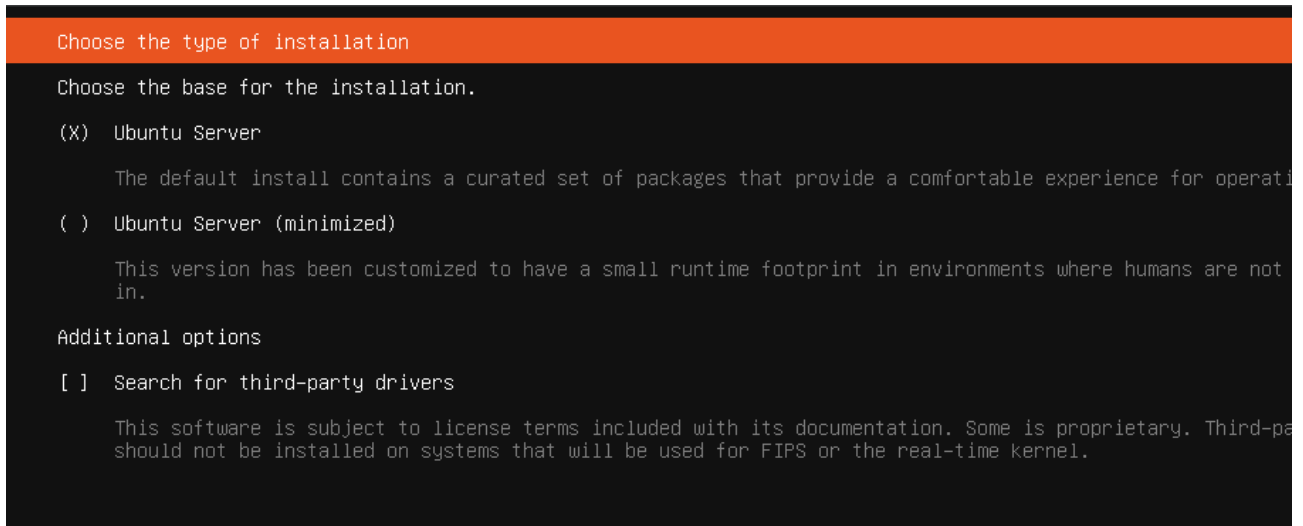
3- Choisir « continuer sans mettre à jour »



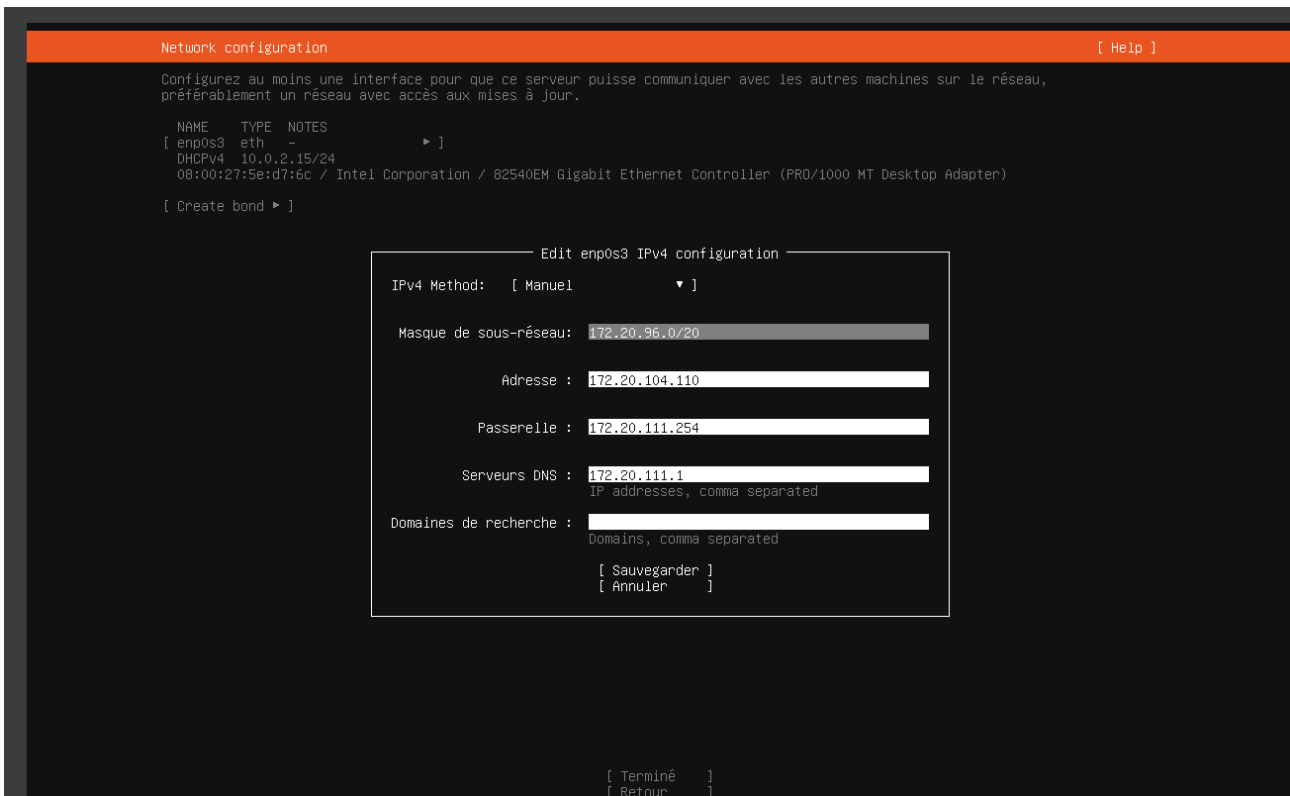
4-Choisir « Terminé»



5-Sélectionner Ubuntu server

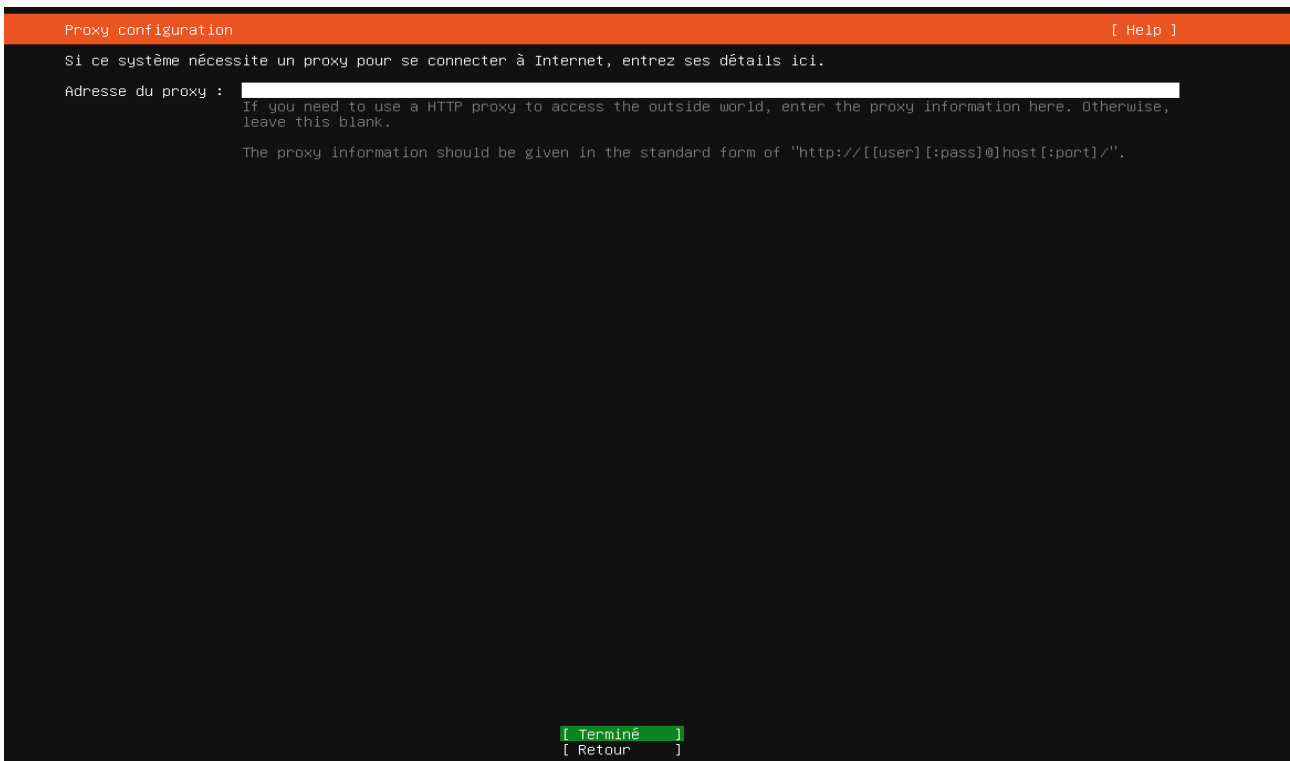


6-choisir la configuration manuel du reseaux



attention le masque et juste le réseaux

7-ne pas mettre de serveur Proxy donc appuyer sur « Terminé »



8-Continuer

```
Ubuntu archive mirror configuration [ Help ]
If you use an alternative mirror for Ubuntu, enter its details here.
Adresse du miroir : http://archive.ubuntu.com/ubuntu/
                    You may provide an archive mirror to be used instead of the default.
The mirror location is being tested. /

Ign :1 http://archive.ubuntu.com/ubuntu noble InRelease
Ign :2 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Ign :3 http://archive.ubuntu.com/ubuntu noble-backports InRelease

----- Mirror check still running -----
The check of the mirror URL is still running. You can continue, but
there is a chance that the installation will fail.
[ Annuler ]
[ Continuer ]

[ Terminé ]
[ Retour ]
```

9-On ne touche a rien on appuie sur continuer

```
Configuration de stockage guidée [ Help ]
Configure a guided storage layout, or create a custom one:
(X) Utiliser un disque entier
    [ VBOX_HARDDISK_VBde2b88bf-cd3459a4 local disk 32.148G ▼ ]
[X] Set up this disk as an LVM group
    [ ] Encrypt the LVM group with LUKS
        Phrase de passe :
        Confirmez la phrase de passe :
    [ ] Also create a recovery key
        The key will be stored as ~/recovery-key.txt in the live system and will be
        copied to /var/log/installer/ in the target system.
( ) Custom storage layout

[ Terminé ]
[ Retour ]
```

10- Cliquer sur Terminer

```
Configuration du stockage

SOMMAIRE DU SYSTÈME DE FICHIERS

  POINT DE MONTAGE      TAILLE  TYPE      TYPE DE PÉRIPHÉRIQUE
[ /                     15.070G new ext4  nouveau LVM logical volume ▶ ]
[ /boot                 2.000G  new ext4  nouveau partition de disque local ▶ ]

DISQUES DISPONIBLES

  PÉRIPHÉRIQUE          TYPE      TAILLE
[ ubuntu-vg (nouveau) LVM volume group 30.144G ▶ ]
  espace libre                               15.074G ▶

[ Create software RAID (md) ▶ ]
[ Create volume group (LVM) ▶ ]

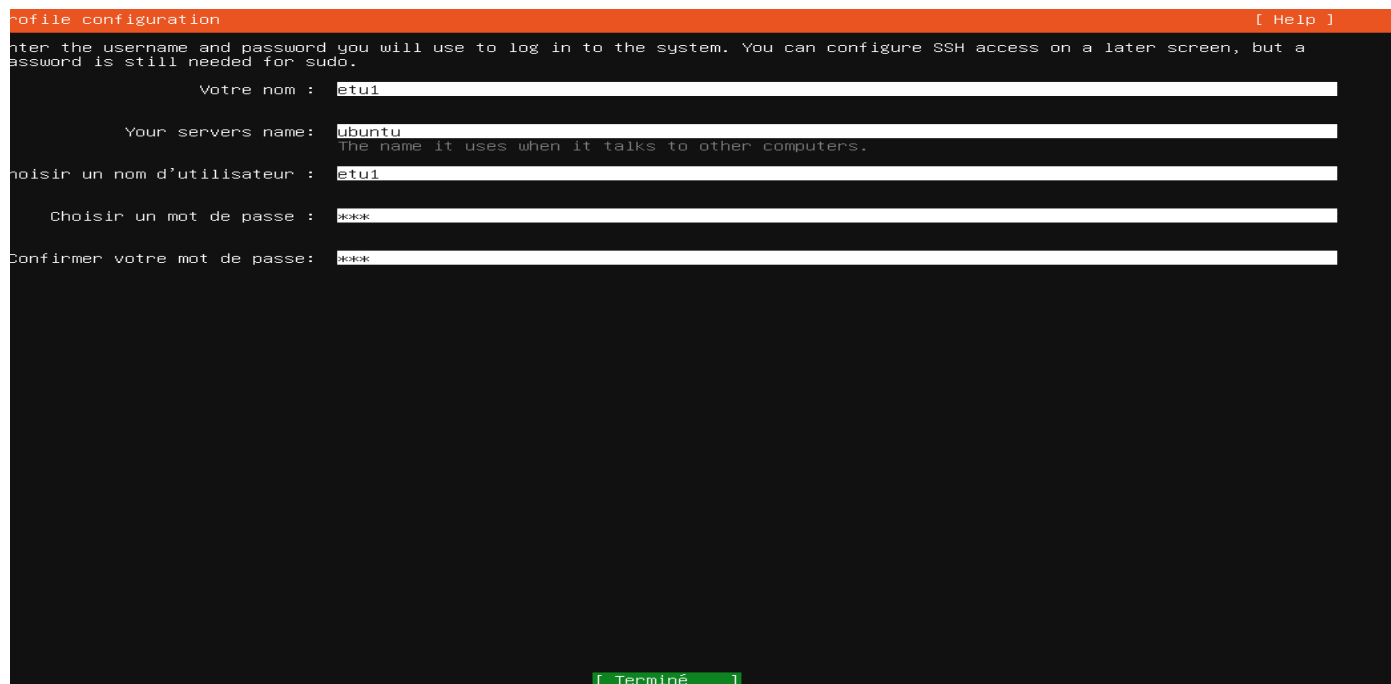
PÉRIPHÉRIQUES UTILISÉS

  PÉRIPHÉRIQUE          TYPE      TAILLE
[ ubuntu-vg (nouveau) LVM volume group 30.144G ▶ ]
  ubuntu-lv            nouveau, to be formatted as ext4, mounted at / 15.070G ▶

[ VBOX_HARDDISK_VBde2b88bf-cd3459a4          disque local 32.148G ▶ ]
  partition 1          nouveau, BIOS grub spacer 1.000M ▶
  partition 2          nouveau, to be formatted as ext4, mounted at /boot 2.000G ▶
  partition 3          nouveau, PV of LVM volume group ubuntu-vg 30.145G ▶

[ Terminé ]
[ Rétablir ]
[ Retour ]
```

11-entrer les information dans les champ ici le mdp « bts » et l'utilisateur « etu1 »



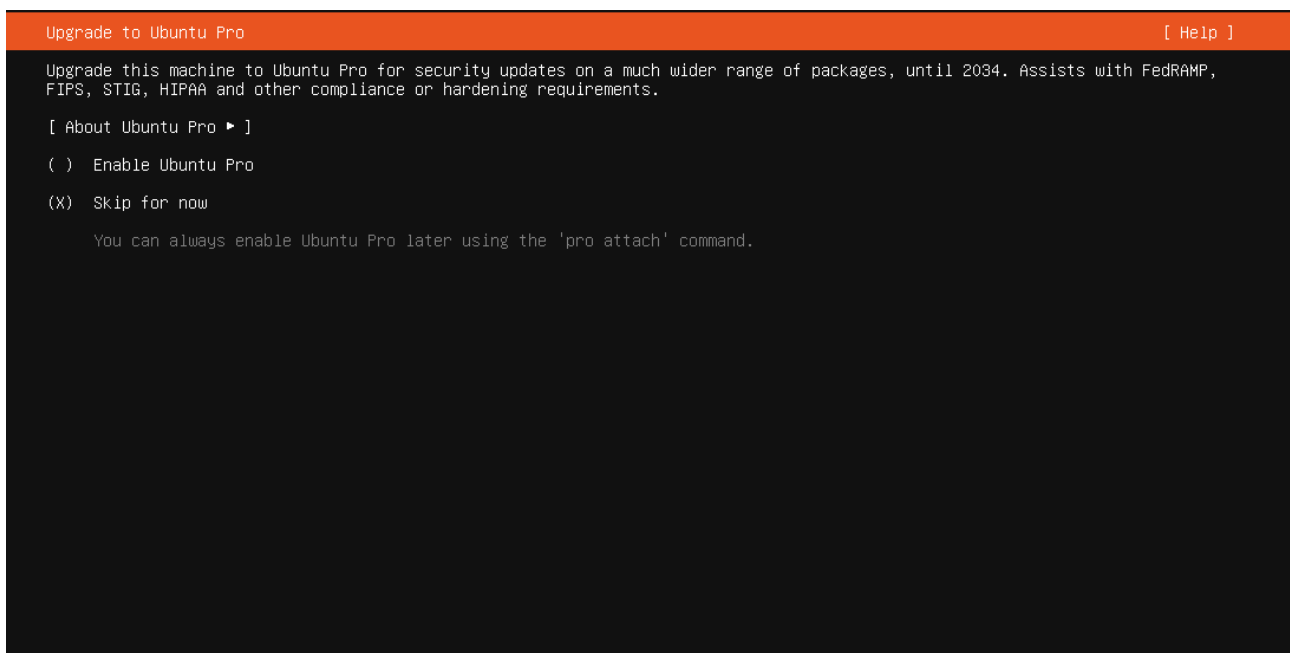
The image shows a terminal window titled "profile configuration" with a red header bar containing "[Help]". The terminal text is as follows:

```
profile configuration [ Help ]
Enter the username and password you will use to log in to the system. You can configure SSH access on a later screen, but a
password is still needed for sudo.

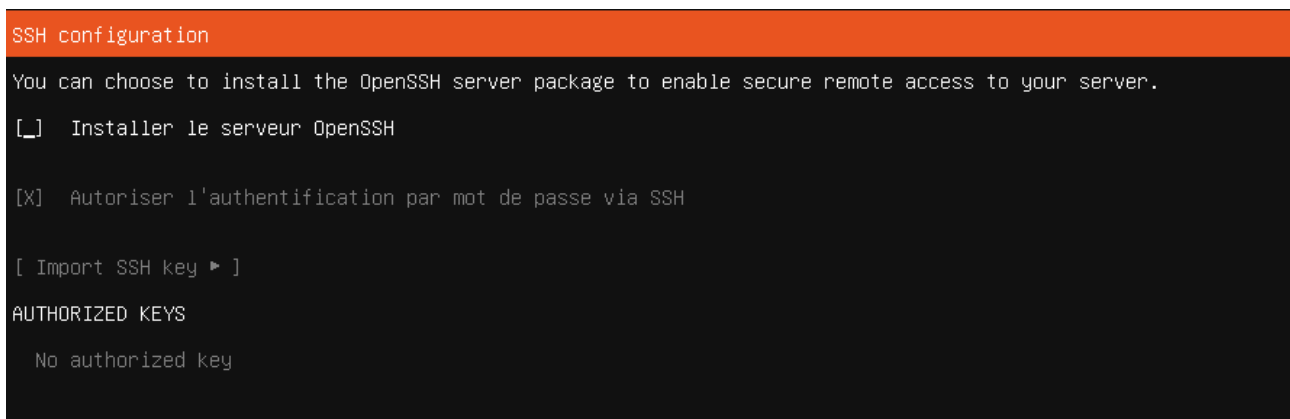
  Votre nom : etu1
  Your servers name: ubuntu
                The name it uses when it talks to other computers.
  Choisir un nom d'utilisateur : etu1
  Choisir un mot de passe : ***
  Confirmer votre mot de passe: ***
```

At the bottom of the terminal, there is a green button labeled "[Terminé]".

12- Selectioner terminer Terminer



13- sélectionner « terminer »



14-sélectionner terminé

```

Featured server snaps [ Help ]

These are popular snaps in server environments. Select or deselect with SPACE, press ENTER to see more details of the package,
publisher and versions available.

[ ] microk8s          canonical✓      Kubernetes for workstations and appliances
[ ] nextcloud        nextcloud✓     Nextcloud Server - A safe home for all your data
[ ] wekan            xet7          Open-Source Kanban
[ ] kata-containers  katacontainers✓ Build lightweight VMs that seamlessly plug into the containers ecosystem
[ ] docker           canonical✓     Docker container runtime
[ ] canonical-livepatch canonical✓     Canonical Livepatch Client
[ ] rocketchat-server rocketchat✓    Rocket.Chat server
[ ] mosquito         mosquito✓     Eclipse Mosquitto MQTT broker
[ ] etcd             canonical✓     Resilient key-value store by CoreOS
[ ] powershell      microsoft-powershell✓ PowerShell for every system!
[ ] sabnzbd          safihre       SABnzbd
[ ] wormhole         snapcrafters  get things from one computer to another, safely
[ ] aws-cli          aws✓          Universal Command Line Interface for Amazon Web Services
[ ] google-cloud-sdk google-cloud-sdk✓ Google Cloud SDK
[ ] slcli            softlayer     Python based SoftLayer API Tool.
[ ] doctl            digitalocean✓ The official DigitalOcean command line interface
[ ] conjure-up       canonical✓     Package runtime for conjure-up spells
[ ] postgresql10    cmd✓          PostgreSQL is a powerful, open source object-relational database system.
[ ] heroku           heroku✓       CLI client for Heroku
[ ] keepalived       keepalived-project✓ High availability VRRP/BFD and load-balancing for Linux
[ ] prometheus      canonical✓     The Prometheus monitoring system and time series database
[ ] lxd              canonical✓     LXDM - container and VM manager

[ Terminé ]
[ Retour ]

```

15- Redémarrer la machine

```
Installation complete! [ Help ]

configuring format: format-1
configuring mount: mount-1
configuring mount: mount-0
executing curtin install extract step
curtin command install
writing install sources to disk
running 'curtin extract'
curtin command extract
acquiring and extracting image from cp:///tmp/tmpuhrxs147/mount
configuring keyboard
curtin command in-target
executing curtin install curthooks step
curtin command install
configuring installed system
running 'curtin curthooks'
curtin command curthooks
configuring apt configuring apt
installing missing packages
Installing packages on target system: ['grub-pc']
configuring iscsi service
configuring raid (mdadm) service
configuring NVMe over TCP
installing kernel
setting up swap
apply networking config
writing etc/fstab
configuring multipath
updating packages on target system
configuring pollinate user-agent on target
updating initramfs configuration
configuring target system bootloader
installing grub to target devices
copying metadata from /cdrom
final system configuration
calculating extra packages to install
configuring cloud-init
downloading and installing security updates
curtin command in-target
restoring apt configuration
curtin command in-target
subiquity/Late/run:

[ View full log ]
[ Redémarrer maintenant ]
```

16 - une fois la machine relancer ce connecter en root en effectuant un « sudo -i »

17- effectuer un « apt update »