

Installation de Proxmox

Démarrer le serveur sur la clé USB.

Sélectionner “Install Proxmox VE” :



Cliquer sur “I agree” en bas à droite de l’écran :



Sélectionner le bon disque, attention la clé USB est présente dans le menu :



Proxmox Virtualization Environment (PVE)

The Proxmox Installer automatically partitions your hard disk. It installs all required packages and finally makes the system bootable from hard disk. All existing partitions and data will be lost.

Please verify the installation target
The displayed hard disk is used for installation. Warning: All existing partitions and data will be lost.

Automatic hardware detection
The installer automatically configures your hardware.

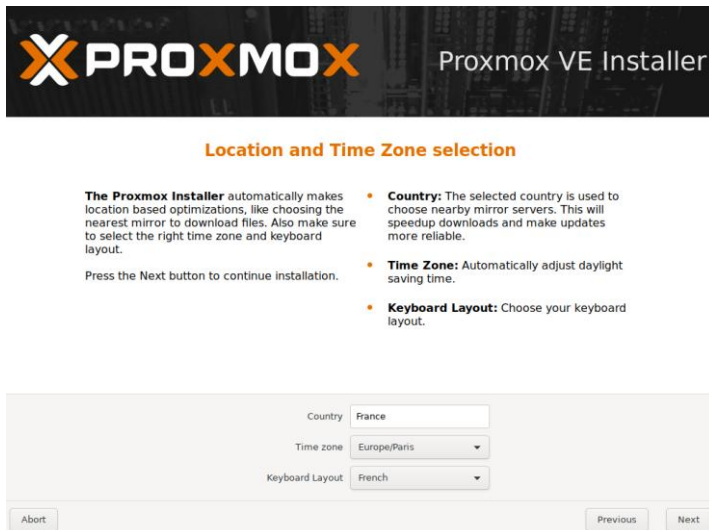
Graphical user interface
Final configuration will be done on the graphical user interface via a web browser.

Press the Next button to continue installation.

Target Harddisk: /dev/sda (50GB, VBOX HARDDISK) Options

Abort Next

Configurer la “Time Zone” en choisissant France dans “country” :



Location and Time Zone selection

The Proxmox Installer automatically makes location based optimizations, like choosing the nearest mirror to download files. Also make sure to select the right time zone and keyboard layout.

Country: The selected country is used to choose nearby mirror servers. This will speedup downloads and make updates more reliable.

Time Zone: Automatically adjust daylight saving time.

Keyboard Layout: Choose your keyboard layout.

Press the Next button to continue installation.

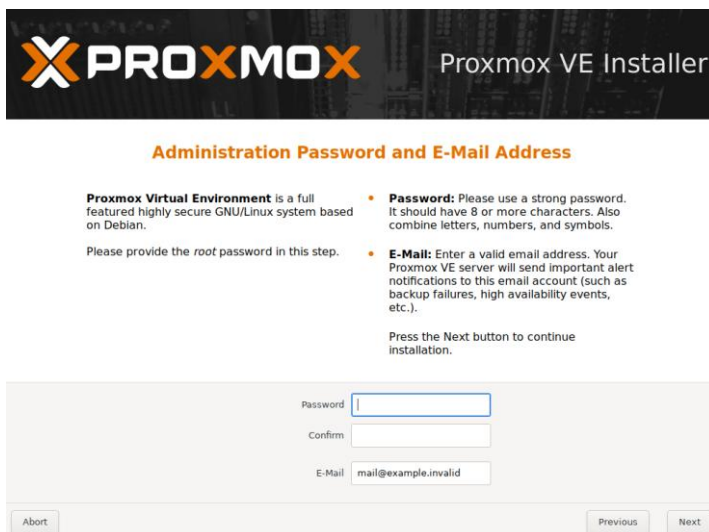
Country: France

Time zone: Europe/Paris

Keyboard Layout: French

Abort Previous Next

Choisir un mot de passe pour le compte root et renseigner le mail :



Administration Password and E-Mail Address

Proxmox Virtual Environment is a full featured highly secure GNU/Linux system based on Debian.

Please provide the root password in this step.

Password: Please use a strong password. It should have 8 or more characters. Also combine letters, numbers, and symbols.

E-Mail: Enter a valid email address. Your Proxmox VE server will send important alert notifications to this email account (such as backup failures, high availability events, etc.).

Press the Next button to continue installation.

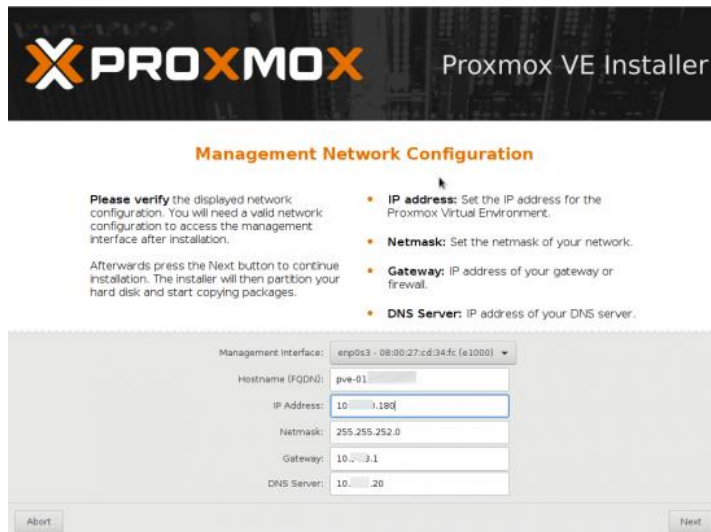
Password:

Confirm:

E-Mail: mail@example.invalid

Abort Previous Next

Renseigner le FQDN et les paramètres réseaux :



The image shows the 'Management Network Configuration' screen of the Proxmox VE Installer. It features the Proxmox logo and title at the top. Below, there is a section for instructions and a list of configuration items: IP address, Netmask, Gateway, and DNS Server. A form below these instructions contains input fields for Management Interface, Hostname (FQDN), IP Address, Netmask, Gateway, and DNS Server. The 'Next' button is visible at the bottom right.

Management Network Configuration

Please verify the displayed network configuration. You will need a valid network configuration to access the management interface after installation.

Afterwards press the Next button to continue installation. The installer will then partition your hard disk and start copying packages.

- **IP address:** Set the IP address for the Proxmox Virtual Environment.
- **Netmask:** Set the netmask of your network.
- **Gateway:** IP address of your gateway or firewall.
- **DNS Server:** IP address of your DNS server.

Management Interface: enp0s3 - 08:00:27:cd:34:fc (e1000)

Hostname (FQDN): pve-01

IP Address: 10.16.24.150

Netmask: 255.255.252.0

Gateway: 10.16.3.1

DNS Server: 10.16.20

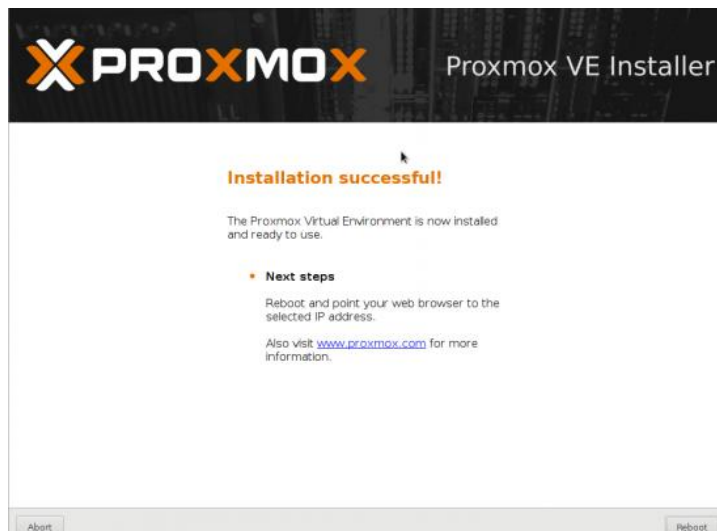
Abort Next

Hostname : pve1

IP Address : 172.16.24.150

Netmask : 255.255.255.0

Pour finir, cliquer sur “Reboot” :



The image shows the 'Installation successful!' screen of the Proxmox VE Installer. It features the Proxmox logo and title at the top. Below, there is a message stating that the Proxmox Virtual Environment is now installed and ready to use. A section titled 'Next steps' provides instructions to reboot and point the web browser to the selected IP address. It also includes a link to the Proxmox website for more information. The 'Reboot' button is visible at the bottom right.

Installation successful!

The Proxmox Virtual Environment is now installed and ready to use.

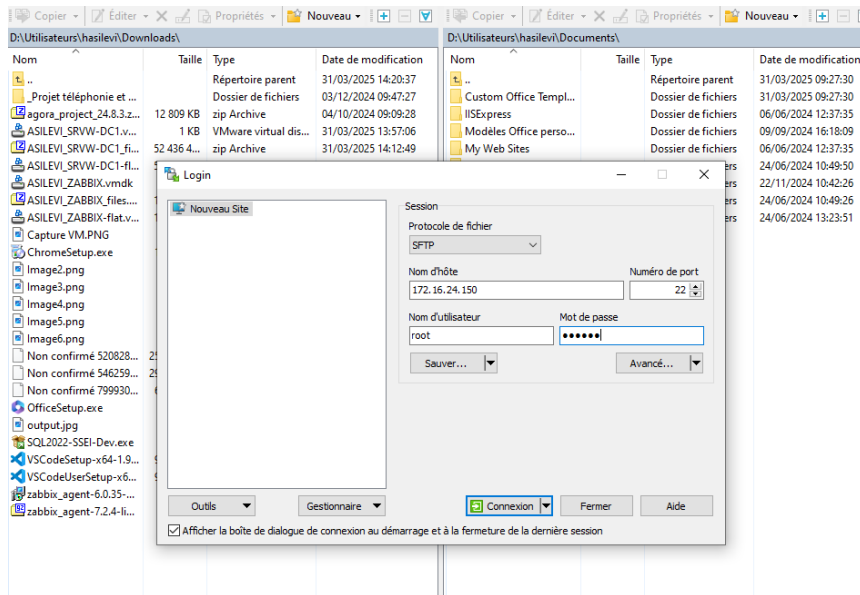
- **Next steps**

Reboot and point your web browser to the selected IP address.

Also visit www.proxmox.com for more information.

Abort Reboot

Pour ajouter des VM fonctionnelle au serveur Proxmox :



- Déplacer les fichiers VMDK vers le bon emplacement Proxmox

Puisque vous avez déjà téléchargé les fichiers .vmdk et -flat.vmdk, connectez-vous en SSH à Proxmox et déplacez-les dans le bon répertoire :

Créer un repertoire : `mkdir -p /var/lib/vz/images/100/`

Déplacer les fichiers .vmdk : `mv /var/lib/vz/images/ASILEVI_GLPLIC.vmdk /var/lib/vz/images/100/`

`mv /var/lib/vz/images/ASILEVI_GLPLIC-flat.vmdk /var/lib/vz/images/100/`

- Convertir VMDK au format Proxmox (QCOW2 ou RAW)

Proxmox n'utilise pas le format VMDK en natif, vous devez donc le convertir.

Exécutez la commande suivante :

```
qemu-img convert -f vmdk -O qcow2 /var/lib/vz/images/100/ASILEVI_ZABBIX.vmdk
/var/lib/vz/images/100/ASILEVI_ZABBIX.qcow2
```

- `mv /var/lib/vz/vm-100-disk-0.qcow2 /var/lib/vz/images/100/`
`qm set 100 --scsi0 local:100/vm-100-disk-0.qcow2`

Verify the VM Configuration

- `qm config 100`
- You should see:
`scsi0: local:100/vm-100-disk-0.qcow2`

Start the VM

`qm start 100`