

## **Projet: Proxmox**

Proxmox est une plateforme open-source de virtualisation (hyperviseur) qui permet de gérer des machines virtuelles (VM) et des conteneurs, facilitant la gestion de serveurs, de stockage et de réseaux via une interface web.

### ***Pré-requis***

Pour installer Proxmox VE, il doit être sur une clé USB bootable. Un serveur, avec ou sans configuration RAID sur les disques, doit être prêt pour l'installation. Il suffit ensuite de démarrer le serveur à partir de la clé USB contenant Proxmox VE.

Installation et configuration :

Commencez par démarrer à partir d'une clé USB bootable contenant l'image ISO de Proxmox VE. Accédez au menu de démarrage au démarrage du serveur, sélectionnez la clé USB, puis redémarrez le serveur. Celui-ci lancera le démarrage depuis la clé, et vous serez dirigé vers la page d'installation de Proxmox. Sélectionnez « Install Proxmox VE » pour commencer l'installation.

Proxmox VE 8.2 (iso release 2) - <https://www.proxmox.com/>



Welcome to Proxmox Virtual Environment

Install Proxmox VE (Graphical)

Install Proxmox VE (Terminal UI)

Advanced Options

Acceptez ensuite la licence de condition d'utilisation :



## Proxmox VE Installer

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Abort

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I agree

Choisissez ensuite le disque sur lequel vous souhaitez installer le système d'exploitation.



## Proxmox VE Installer

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I agree

Sélectionner ensuite la langue ainsi que le clavier que vous souhaitez utiliser :



## Proxmox VE Installer

### Location and Time Zone selection

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

Press the Next button to continue the installation.

- **Country:** The selected country is used to choose nearby mirror servers. This will speed up downloads and make updates more reliable.
- **Time Zone:** Automatically adjust daylight saving time.
- **Keyboard Layout:** Choose your keyboard layout.

Country	<input type="text" value="France"/>
Time zone	<input type="text" value="Europe/Paris"/>
Keyboard Layout	<input type="text" value="French"/>

La prochaine étape consiste à configurer le mot de passe administrateur, appelé "root" sous Linux. Ce compte dispose de tous les privilèges, il est donc essentiel que le mot de passe soit très complexe. Attention également à la configuration du clavier : dans le terminal de Proxmox sur le serveur, le clavier sera en QWERTY, car le choix de langue effectué précédemment ne s'applique qu'à l'interface Web de Proxmox.



**PROXMOX** Proxmox VE Installer

### Administration Password and Email Address

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

In this step, please provide the root password.

- Password:** Please use a strong password. It should be at least 8 characters long, and contain a combination of letters, numbers, and symbols.
- Email:** 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 the installation.

Form fields:  
Password: [masked]  
Confirm: [masked]  
Email: M2L@mail.com

Buttons: Abort, Previous, Next

Vous devez maintenant configurer la carte réseau en attribuant une adresse IP fixe pour l'interface Web, ainsi que définir la passerelle du routeur



**PROXMOX** Proxmox VE Installer

### Management Network Configuration

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

After you have finished, press the Next button. You will be shown a list of the options that you chose during the previous steps.

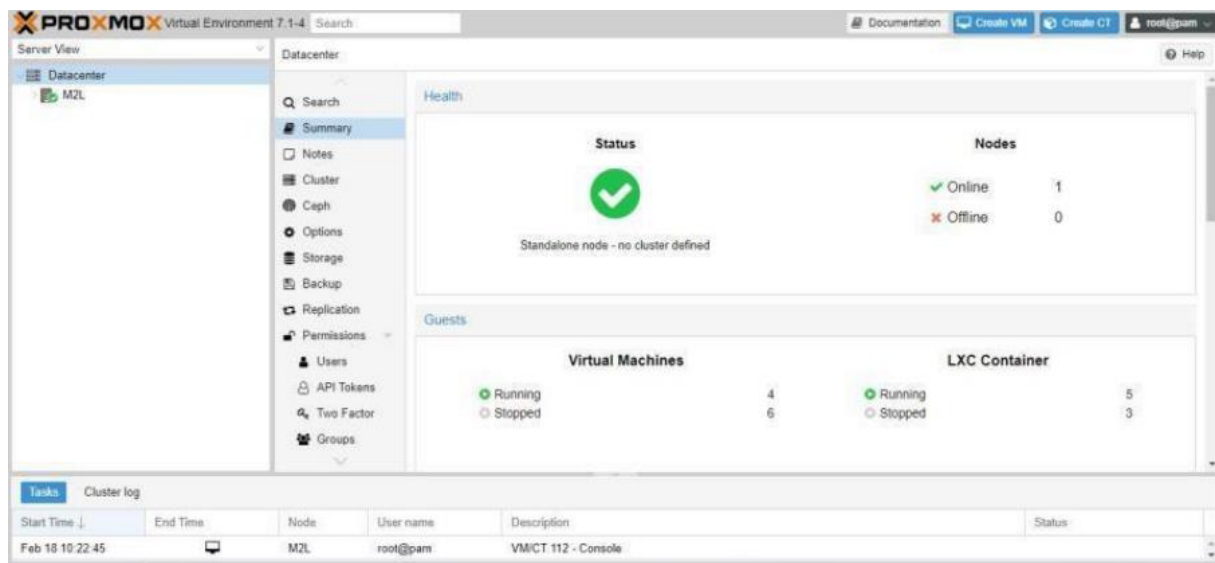
- IP address (CIDR):** Set the main IP address and netmask for your server in CIDR notation.
- Gateway:** IP address of your gateway or firewall.
- DNS Server:** IP address of your DNS server.

Form fields:  
Management interface: enp0s3 - 08:00:27:6b:09:a5 (e1000) ▼  
Hostname (FQDN): M2L.local  
IP Address (CIDR): 192.168.1.50 / 24  
Gateway: 192.168.1.1  
DNS Server: 127.0.0.1

Buttons: Abort, Previous, Next

Les informations de votre serveur s'affichent sur la page suivante. Vérifiez que tout est correct. Une fois la vérification effectuée, validez pour lancer l'installation. Une fois terminée, le serveur

redémarre pour finaliser l'installation. Vous pourrez alors accéder à l'interface Web via l'adresse suivante : <https://votreip:8006> Utilisez vos identifiants pour vous connecter.



À partir de cette interface, vous avez la possibilité de créer des machines virtuelles et des conteneurs, consulter leurs aperçus, obtenir toutes les informations les concernant, et les démarrer. Concernant l'installation et la configuration de machines virtuelles et de conteneurs : avant de créer des VMs dans Proxmox VE, vous devez d'abord importer les images des systèmes d'exploitation au format .ISO à installer. Pour ce faire, sélectionnez le datastore local dans l'onglet "Image ISO" et cliquez sur "upload" pour envoyer les fichiers nécessaires.

