

Proxmox Installation Made Simple: A Step-by-Step TutorialЧерновик

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PROXMOX INSTALLATION STEP-BY-STEP TUTORIAL



Proxmox is a powerful virtualization tool that allows you to manage multiple virtual machines on a single server. Installing Proxmox may seem like a daunting task for novice users, but the process is actually quite simple. In this article, we'll go through the steps to install and configure Proxmox so you can start using it for your virtualization projects.

There are two ways to install Proxmox:

- Install Proxmox using the iso image
- Install Proxmox on the server with the Linux operating system already installed

Install Proxmox using the iso image

Download the latest version of Proxmox from the [official website](#) and save it to your local computer.

Preparing a bootable USB disk

You can use [Ventoy](#) or [Rufus](#) to create a bootable disk.

After preparing a bootable USB disk, insert it into the server and boot from the USB disk.

Follow the instructions prepared in this video.



Watch Video At: <https://youtu.be/CrvmY28EgEo>

Installing Proxmox on a server running Debian 11 Bullseye

Before starting the installation we need to prepare the system, to do this edit the file / etc / hosts and make it look like this, replacing 10.10.10.10 with the IP address of your server

```
127.0.0.1      localhost

10.10.10.10    prox4m1.proxmox.com prox4m1

# The following lines are desirable for IPv6 capable hosts

::1           localhost ip6-localhost ip6-loopback

ff02::1       ip6-allnodes

ff02::2       ip6-allrouters
```

Adding the Proxmox repository

Add a repository key

```
wget https://enterprise.proxmox.com/debian/proxmox-release-bullseye.gpg -O
/etc/apt/trusted.gpg.d/proxmox-release-bullseye.gpg
```

Perform a system upgrade

```
apt update && apt full-upgrade
```

Installing the Proxmox VE kernel

```
apt install pve-kernel-5.15
```

```
systemctl reboot
```

After the reboot we will install Proxmox VE

```
apt install proxmox-ve postfix open-iscsi
```

Removing the Unnecessary Debia Kernel

```
apt remove linux-image-amd64 'linux-image-5.10*'
```

Updating grub

```
update-grub
```

Remove os-probe

```
apt remove os-prober
```

