Installation proxmox

Table des matières

Aucune entrée de table des matières n'a été trouvée.



Un Ordinateur Un accès internet

Avant de commencer

Proxmox Vest une plateforme de virtualisation open source basée sur Debian, qui permet de créer et de gérer des machines virtuelles (VM) et des conteneurs (LXC). Il combine les fonctionnalités d'un hyperviseur et d'un système de gestion de conteneurs.

Comment installer proxmox

Gravez l'Iso de proxmox préalablement téléchargée sur une clé boutable via rufus par exemple.

Dans le bios, selectionner la clé pour booter dessus.

Ici nous allons installer la version graphique de proxmox

Proxmox VE 8.3 (iso release 1) - https://www.proxmox.com/



Welcome to Proxmox Virtual Environment

Install Proxmox VE (Graphical) Install Proxmox VE (Terminal UI) Advanced Options

enter: select, arrow keys: navigate, e: edit entry, esc: back

Suivez les étapes d'installation



Proxmox VE Installer

END USER LICENSE AGREEMENT (EULA)

END USER LICENSE AGREEMENT (EULA) FOR PROXMOX VIRTUAL ENVIRONMENT (PROXMOX VE)

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Abort

Previous I agree

Acceptez les condition d'utilisaton



Proxmox Virtual Environment (PVE)

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

Press the Next button to continue the installation.

- Please verify the installation target The displayed hard disk will be used for the 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.





Proxmox VE Installer

Location and Time Zone selection

layout.

 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



Sélectionnez votre pays pour le fuseau horaire.

	Proxmox VE Installer
Proxmox Virtual Environment is a full featured, highly secure GNU/Linux system, based on Debian. In this step, please provide the <i>root</i> 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.
Password Confirm Email	••••••••••• ••••••••••• mail@example.Invalid
Abort	Previous Next

Renseignez votre mot de passe ainsi qu'une adresse mail valide



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.

Management Interface	• ens18 - bc:24:11:ef:2a:b8 (virtio_net) 👻		
Hostname (FQDN)	pve.artis.probesys.net		
IP Address (CIDR)	172.20.110.76 / 24		
Gateway	I 172.20.110.254		
DNS Server	172.20.110.254		
Abort		Previous	Next

Renseignez le nom du server ainsi que son adresse ip la paserelle et le dns

× PRO	(MOX	Proxmox VE Ins	taller
	Summa	ry	
Please confirm the dis begin to partition your d	played information. Once you rive(s) and extract the require	press the Install button, the installer will d files.	
Option	Value		
Filesystem:	ext4		
Disk(s):	/dev/sda		
Country:	France		
Timezone:	Europe/Paris		
Keymap:	fr		
Email:	youssef.ahe@outlook.fr		
Management Interface:	ens18		
Hostname:	pve		
IP CIDR:	172.20.110.76/24		
Gateway:	172.20.110.254		
DNS:	172.20.110.254		
	• •••••••••••••••••••••••••••••••••••	Contract the second	
	Automatically reboot after su	uccessful installation	
Abort			Previous Instal

Cliquez sur installer

	×		K	Proxmox VE Installer
	k	Open Source Virtualization Platform - Enterprise ready - Central Management - Clustering - Online Backup solution - Live Migration - 32 and 64 bit guests For more information, visit www.proxmox.com or the Proxmox VE wikl	•	Container Virtualization Only 1-3% performance loss using OS virtualization as compared to using a standalone server. Full Virtualization (KVM) Run unmodified virtual servers - Linux or Windows.
			ate parti 2%	tions
thert				(Install)

Une fois l'installation terminer connectez-vous avec le login « root » et votre mot de passe.

Welcome to the Proxmox Virtual Environment. Please use your web browser to configure this server - connect to:
https://172.20.110.76:8006/
pve login: root Password:



Connectez-vous ensuite à l'interface proxmox avec l'adresse IP et le port.

Proxmox V	/E Login
User name:	1
Password:	
Realm:	Linux PAM standard authentication \sim
Language:	English - English 🛛 🗸 🗸
	Save User name: 🗌 🛛 Login

Connectez-vous a l'aide du login root et de votre mot de passe

← → C O Non sécurisé https://172.20.110.35:8006/#v1:0:=node%2Fproxmoxtest:4:2:=contentiso:::8::												
XPROXMOX Virtual Environment 8.3.0 Search Crosse VM 😵 Crosse CT 🔝											CT 🔮 root@pam 🗸	
	· •	Node 'proximantest' D Reboot 🗘 Shutdown >_ Shell <									Actions 🗸 👩 Help	
✓ Datacenter												
100 (winserv2								Model				Nearout
U 101 (win11)		Notes			partitions			CT480BX500SSD1	2249E691636E	PASSED		1%
103 (VM 103)		> Shell	- 🖨 /dev/sda		BIOS boot	1.03 MB						N/A
Iocalnetwork (ng ^e System →		12 partition		1.07 GB 479.03 GB	Yes Yes					N/A N/A
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		Hosts										
		Ontions										
		O Time										
		System Log										
		C Updates										
		Pa Bepositories										
		D Firewall										
		A Disks										
		C LVM-Thin										
		Directory										
		II ZFS										
Tasks Cluster log												
Start Time \downarrow												
Feb 27 13:52:35	Feb 27 14:46:08	proxmoxtest root@	pam Y	/M/CT 103 - Consol	8							
Feb 27 13:50:59		proxmoxtest root@	pam V									
Feb 27 13:50:58	Feb 27 13:50:59	proxmoxtest root@	pam V	/M 103 - Start								
Feb 27 13:50:08	Feb 27 13:50:09	proxmoxtest root@	pam V	/M 103 - Create								

Vous etes à présent sur votre interface proxmox.

Après avoir télécharger les iso des systèmes d'exploitation que vous désirez utiliser, vous pouvez les uploader en allant dans l'onglet « local » puis « iso ».



En haut à droite vous pouvez à présent créer une VM.

Nous allons donc créer une VM Windows server 2025

Create: Virt	ual N	lachine							
General	OS								
Node:		proxmoxte	st			Resource Pool			
VM ID:		104							
Name:		windowsm	odop						
P Help							Advanced 🗌		Next
Create: Virt	ual M	lachine							\otimes
General	OS	System							
General	OS /DVD	System disc image	Disks			Network C			
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	I	ISO image:	Win11	_24H2_Fren	ich_:	
⊖ Use pl	hvsical		rive			
	tues er					
Create: Virtual M	t use ar	ny media				
General OS	System					
	disc image	file (iso)		Guest OS:		
03000,000	Storage	local		Type:	Microsoft Windows	
19	SO image:	Win11 24H2 Fre	nch · 🗸	Version [.]	Linux	
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O Do not use an	v media				Solaris Kernel	
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					Advanced 🗌 🛛 Back	

Create: Virt	tual N	lachine									
General	os	System									
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BIOS:		OVMF (UEF	I)			Add TPM:	l	2			
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Create: Vir	tual Ma	achine						\otimes
General	OS	Syster	m Disks	CPU	Memory	Network	Confirm	
Кеу ↑			Value					
bios			ovmf					
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сри			x86-64-v2-A	ES				
efidisk0			local-lvm:1,	efitype=4	m,pre-enroll	ed-keys=1		
ide0			local-lvm:64					
ide2			local:iso/26	100.1742	.240906-033	1.ge_release	e_svc_refresh_SERVER_EVAL_x64F	RE_f
machine			q35					
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Start afte	er create	ed						
							Advanced 🗌 🛛 Back	Finish

Suivez les étapes de la création de VM en attribuant l'iso les cœurs du CPU la mémoire et la RAM.



Vous machines virtuelles son sur le menu de gauche.