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Récupération de l'ISO Proxmox Backup Server

A completer.

Captures d'écran - Partie I



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**Proxmox Backup Server (PBS)**

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.

To continue the installation, press the Next button.

- **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.

Target Harddisk

/dev/sda (50.00GiB, QEMU HARDDISK) ▾



Proxmox Backup Server

Location and Time Zone selection

The Proxmox Installer will set up your time zone and keyboard layout. Ensuring that your system behaves as intended once it is up and running.

Press the Next button to continue the installation.

- **Country:** Narrows down the available time zones to make selection easier.
- **Time Zone:** Automatically adjust daylight saving time.
- **Keyboard Layout:** Choose your keyboard layout.

Country

France

Time zone

Europe/Paris

Keyboard Layout

French

Abort

Previous

Next



Proxmox Backup Server

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

nic0 - bc:24:11:78:56:d5 (virtio_net)

Hostname (FQDN)

pbs.m2l.lan

IP Address (CIDR)

10.99.99.2

Gateway

10.99.99.1

DNS Server

1.1.1.1

Pin network interface names

Options

Abort

Previous

Next



Proxmox Backup Server

Summary

Please confirm the displayed information. Once you press the **Install** button, the installer will begin to partition your drive(s) and extract the required files.

Option	Value
Filesystem:	ext4
Disk(s):	/dev/sda
Country:	France
Timezone:	Europe/Paris
Keymap:	fr
Email:	mail@example.com
Management Interface:	nic0
Hostname:	pbs
IP CIDR:	10.99.99.2/27
Gateway:	10.99.99.1
DNS:	1.1.1.1

Automatically reboot after successful installation

Abort

Previous

Install

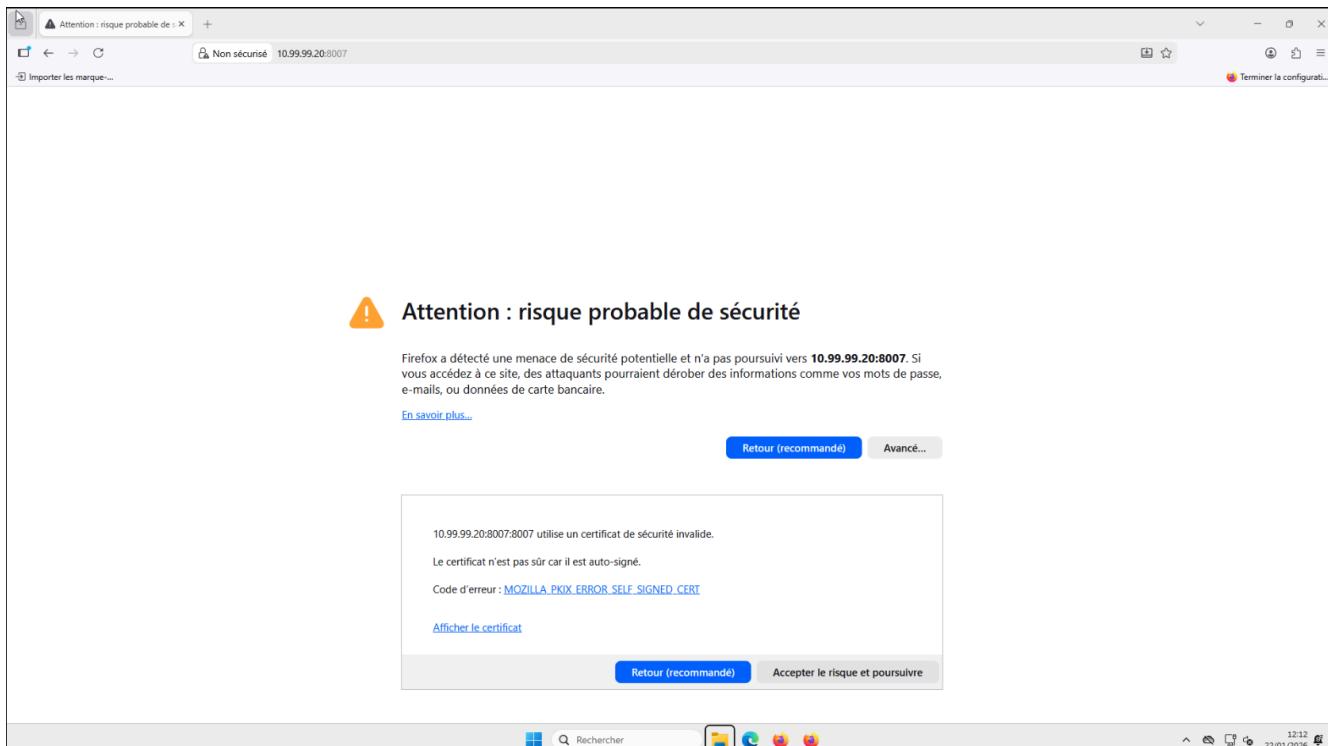
Attention : risque probable de sécurité

Firefox a détecté une menace de sécurité potentielle et n'a pas poursuivi vers **10.99.99.20:8007**. Si vous accédez à ce site, des attaquants pourraient dérober des informations comme vos mots de passe, e-mails, ou données de carte bancaire.

[En savoir plus...](#)

[Retour \(recommandé\)](#) [Avancé...](#)

Terminer la configuration



Connexion au serveur Proxmox Backup

Nom d'utilisateur:	<input type="text" value="root"/>
Mot de passe:	<input type="password" value="*****"/>
Royaume:	<input type="text" value="Linux PAM standard authentication"/>
Langue:	<input type="text" value="Français - français"/>
<input type="checkbox"/> Enregistrer le nom d'utilisateur: <input type="checkbox"/>	
<input type="button" value="Connexion"/>	

The screenshot shows the PBS (Proxmox Backup Server) interface. The left sidebar contains navigation links for the dashboard, notes, configuration, distances, points of termination, traffic control, certificates, notifications, subscriptions, administration, shell, storage and disks, and backup on tape. The main content area includes:

- pbs (Durée de fonctionnement: 01:07:16)**: A summary box showing processor usage (0.08% of 4 Processors), latency (0 ms), memory usage (9.47% of 3.82 GiB), swap space (0.00% of 3.82 GiB), and disk usage (6.53% of 41.49 GiB). It also lists processor details (4 x QEMU Virtual CPU version 2.5+), kernel version (Linux 6.17.2-1-pve (2025-01-21T11:55Z)), and boot mode (UEFI (Secure Boot)).
- Utilisation de l'entrepot de données**: A table showing data storage usage.
- Tâches les plus longues (30 jours)**: A table showing the longest tasks over the last 30 days, currently empty.
- Tâches en cours**: A table showing current tasks, currently empty.
- Résumé de la tâche (30 jours)**: A table showing task statistics for the last 30 days.
- Abonnement**: A section indicating no valid subscription is active.

Captures d'écran - Partie 2

The screenshot shows a sidebar navigation menu. At the top is a 'Tableau de bord' icon. Below it are 'Notes' and 'Configuration'. Under 'Configuration', there are several items: 'Contrôle d'accès', 'Distantes', 'Points de terminaison S3', 'Contrôle de trafic', 'Certificats', 'Notifications', 'Abonnement', and 'Administration'. Under 'Administration', there are 'Shell', 'Stockage et disques', 'Sauvegarde sur bande', and 'Entrepôt de données'. The 'Entrepôt de données' item is highlighted with a blue background. At the bottom of the list is a button labeled '+ Ajouter un entrepôt de données'.

The screenshot shows a configuration dialog titled 'Ajouter: Entrepôt de données'. It has two tabs: 'Général' (selected) and 'Options de purge'. The 'Général' tab contains the following fields:

Nom:	backup-pve	Planification du nettoyage:	daily
Type d'entrepôt de données:	Local	Planification des purges:	daily
Répertoire de sauvegarde:	/mnt/datastore/backup-pve	Périphérique:	Chemin d'accès du péri
Identifiant du point de terminaison S3:		Compartiment (bucket):	
Commentaire:			

At the bottom left is an 'Aide' button, and at the bottom right are 'Avancé' and 'Ajouter' buttons.

X PROXMOX Backup Server 4.1.2

Documentation Tâches 0 root@gami 7

Tableau de bord

Notes

Configuration

Contrôle d'accès

Distantes

Points de terminaison S3

Contrôle de trafic

Certificats

Notifications

Abonnement

Administration

Shell

Stockage et disques

Sauvegarde sur bande

Entrepôts de données

Résumé Tâches de purge et nettoyage Tâches de synchro Vérifier les tâches Permissions

backup-pve

Historique d'utilisation

2% 4.28 Go sur 207.39 Go

Résumé de la tâche (30 jours)

	0	0	0
Sauvegardes	0	0	0
Purges	0	0	0
Nettoyages	0	0	0
Synchronisations	0	0	0
Vérifier	0	0	0
Estimation de saturation	0	0	0
Données insuffisantes	0	0	0
Facteur de déduplication	1.00	1.00	1.00
Sauvegarde sur bande	0	0	0
Restoration de la bande	0	0	0

Ajouter un entrepôt de données

Entrepôt de données backup-pve Ajouter un entrepôt de données

Vue serveur

Centre de données

Centre de données

Rechercher

Documentation

Créer une VM

Créer un conteneur

Actions multiples

Centre de données

100 (VMOPNNSense)

101 (ADNS1)

102 (ADNS2)

103 (SQUID)

104 (VM 104)

105 (VM 105)

106 (Win11)

107 (DebianC110)

108 (MasterWin11)

109 (GLPI)

110 (GLPI)

151 (VPN-RUTH)

155 (OPENVPN0U)

localnetwork (pve)

local (pve)

local-lvm (pve)

ProxmoxEnvironment

VLAN10-MZ

VLAN20-DMZ

VLAN30-INFO

VLAN40-GUEST

VLAN50-VPN

VLAN60-HA

Centre de données

Rechercher

Résumé

Notes

Groupe de serveurs

Ceph

Options

Stockage

Sauvegarde

Réplication

Permissions

Utilisateurs

Jetons d'API

Double facteur

Groupes

Pools

Rôles

Royaumes

HA

Ajout

Supprimer

Éditer

Type	Contenu	Chemin d'accès/Cible	Partagé	Activé	Limite de bande passante
Répertoire	Sauvegarde, Importer, Image ISO, Modèle de co...	/var/lib/vz	Non	Oui	
LVM-Thin	Image disque, Conteneur		Non	Oui	

4

3

2

1

The screenshot shows the Proxmox Backup Server 4.1.2 interface. The left sidebar has a red circle with '1' over 'Configuration'. The main area shows the 'Certificates' page with a table of certificates. One row is selected, highlighted with a red circle containing '3'. The table columns are: Fichier, Émetteur, Sujet, Valable depuis, Date d'expiration, and Noms alternatifs du sujet. The selected row contains: proxy.pem, O = Proxmox Backup Server, OU = 87B679CF-AD79-4D36..., O = Proxmox Backup Server, OU = 87B679CF-AD79-4D36..., 2026-02-04 13:39:29, 3025-06-07 13:39:29, localhost, pbs, pbs.etu.ipssl.lan. Below the table is an 'ACME' section with buttons for Ajouter, Éditer, Supprimer, Commander un certificat maintenant, Aucun compte disponible, and Ajouter un compte ACME. At the bottom, there's a 'Domaine ↑' input field, a 'Type' dropdown, and a 'Greffon' button.

Certificat	
Nom:	proxy.pem
Empreinte:	e5:b9:71:ee:3a:3c:55:8a:72:6e:20:3b:5d:13:44:66:58:fa:93:02:9e:6a:89:fd:0c:4b:a4:d7:89:c0:a4:42
Émetteur:	O = Proxmox Backup Server, OU = 87B679CF-AD79-4D36-A953-5D56A66737DF, CN = pbs.etu.ipssi.lan
Sujet:	O = Proxmox Backup Server, OU = 87B679CF-AD79-4D36-A953-5D56A66737DF, CN = pbs.etu.ipssi.lan
Type de la clef publique:	rsaEncryption
Taille de la clef	4096

Task viewer: VM/CT 108 - Sauvegarde



Sortie Statut

Stopper

Télécharger

```
INFO: starting new backup job: vzdump 108 --mode snapshot --notification-mode notification-system --storage pbs --remove 0 --notes-template '{{guestname}}' --n
INFO: Starting Backup of VM 108 (qemu)
INFO: Backup started at 2026-02-04 17:28:35
INFO: status = running
INFO: VM Name: MasterWin11
INFO: include disk 'virtio0' 'local-lvm:vm-108-disk-2' 32G
INFO: include disk 'efidisk0' 'local-lvm:vm-108-disk-0' 4M
INFO: include disk 'tpmstate0' 'local-lvm:vm-108-disk-1' 4M
INFO: backup mode: snapshot
INFO: ionice priority: 7
INFO: creating Proxmox Backup Server archive 'vm/108/2026-02-04T16:28:35Z'
INFO: attaching TPM drive to QEMU for backup
INFO: started backup task '5cf36e51-26f7-42a6-ae57-96fb0602c9a8'
INFO: resuming VM again
INFO: efidisk0: dirty-bitmap status: created new
INFO: tpmstate0-backup: dirty-bitmap status: created new
INFO: virtio0: dirty-bitmap status: created new
INFO: 1% (520.0 MiB of 32.0 GiB) in 3s, read: 173.3 MiB/s, write: 114.7 MiB/s
INFO: 2% (856.0 MiB of 32.0 GiB) in 6s, read: 112.0 MiB/s, write: 112.0 MiB/s
INFO: 3% (1.2 GiB of 32.0 GiB) in 9s, read: 114.7 MiB/s, write: 114.7 MiB/s
INFO: 4% (1.5 GiB of 32.0 GiB) in 12s, read: 110.7 MiB/s, write: 110.7 MiB/s
INFO: 5% (1.8 GiB of 32.0 GiB) in 15s, read: 114.7 MiB/s, write: 114.7 MiB/s
```



X PROXMOX Virtual Environment 9.1.4

Vue serveur

Centre de données

- pve
 - 100 (VMOPNSense) ● ●
 - 101 (ADONIS2) ● ●
 - 102 (ADONIS2) ● ●
 - 103 (SQUID) ● ● **1**
 - 104 (VM 104) ● ●
 - 105 (VM 105) ● ●
 - 106 (Win11) ● ●
 - 107 (DebianCI10) ● ●
 - 108 (MasterWin11) ● ●
 - 109 (GLPI1)
 - 110 (GLPI)
 - 111 (client1Squid)
 - 151 (VPN-RUTH) ●
 - 195 (OPENVPNNOU)
- localnetwork (pve)
 - local (pve)
 - local-lvm (pve)
 - pbs (pve)
- ProxmoxEnvironnement
 - VLAN10-M2
 - VLAN20-DMZ
 - VLAN30-INFO
 - VLAN40-GUEST
 - VLAN50-VPN
 - VLAN99-HYPV

Machine virtuelle 103 (SQUID) sur le noeud pve

Rechercher

Démarrer Arrêter Console Plus Aide

Sauvegarder maintenant 2 Restaurer Afficher la configuration Éditer les notesModifier la protection Supprimer Stockage local Filtrer par n° de VM Rechercher

Nom Notes Date Format Taille

Résumé Consolé Matériel Cloud-Init Options Historique des tâches Moniteur Sauvegarde Réplication Instantanées Pare-feu Permissions

1 **2**

Sauvegarde VM 103 (SQUID)



Stockage:	pbs	Compression:	ZSTD (bonne et rapide)
Mode:	Instantané	Notification:	Utiliser les paramètres
Protégé:	<input type="checkbox"/>		
Notes:	{{guestname}}		

Les variables de modèle possibles sont: {{cluster}}, {{guestname}}, {{node}}, {{vmid}}

Aide

Sauvegarde

Task viewer: VM/CT 103 - Sauvegarde



Sortie Statut

Stopper

Télécharger

```
INFO: 71% (22.7 GiB of 32.0 GiB) in 45s, read: 132.0 MiB/s, write: 132.0 MiB/s
INFO: 72% (23.1 GiB of 32.0 GiB) in 48s, read: 109.3 MiB/s, write: 109.3 MiB/s
INFO: 73% (23.4 GiB of 32.0 GiB) in 52s, read: 101.0 MiB/s, write: 101.0 MiB/s
INFO: 74% (23.8 GiB of 32.0 GiB) in 55s, read: 102.7 MiB/s, write: 102.7 MiB/s
INFO: 75% (24.1 GiB of 32.0 GiB) in 58s, read: 133.3 MiB/s, write: 104.0 MiB/s
INFO: 76% (24.5 GiB of 32.0 GiB) in 1m 1s, read: 121.3 MiB/s, write: 121.3 MiB/s
INFO: 77% (24.8 GiB of 32.0 GiB) in 1m 4s, read: 118.7 MiB/s, write: 118.7 MiB/s
INFO: 78% (25.2 GiB of 32.0 GiB) in 1m 7s, read: 109.3 MiB/s, write: 109.3 MiB/s
INFO: 79% (25.5 GiB of 32.0 GiB) in 1m 10s, read: 117.3 MiB/s, write: 117.3 MiB/s
INFO: 80% (25.8 GiB of 32.0 GiB) in 1m 13s, read: 116.0 MiB/s, write: 108.0 MiB/s
INFO: 82% (26.3 GiB of 32.0 GiB) in 1m 16s, read: 149.3 MiB/s, write: 108.0 MiB/s
INFO: 83% (26.7 GiB of 32.0 GiB) in 1m 19s, read: 129.3 MiB/s, write: 129.3 MiB/s
INFO: 96% (30.7 GiB of 32.0 GiB) in 1m 22s, read: 1.4 GiB/s, write: 38.7 MiB/s
INFO: 100% (32.0 GiB of 32.0 GiB) in 1m 25s, read: 436.0 MiB/s, write: 0 B/s
INFO: Waiting for server to finish backup validation...
INFO: backup is sparse: 23.85 GiB (74%) total zero data
INFO: backup was done incrementally, reused 24.12 GiB (75%)
INFO: transferred 32.00 GiB in 107 seconds (306.2 MiB/s)
INFO: adding notes to backup
INFO: Finished Backup of VM 103 (00:01:47)
INFO: Backup finished at 2026-02-04 17:32:57
INFO: Backup job finished successfully
INFO: notified via target 'mail-to-root'
TASK OK
```