

validateur : x

La version (1)

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PROCÉDURE D'INSTALLATION PROXMOX

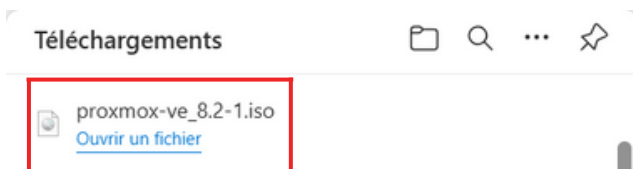
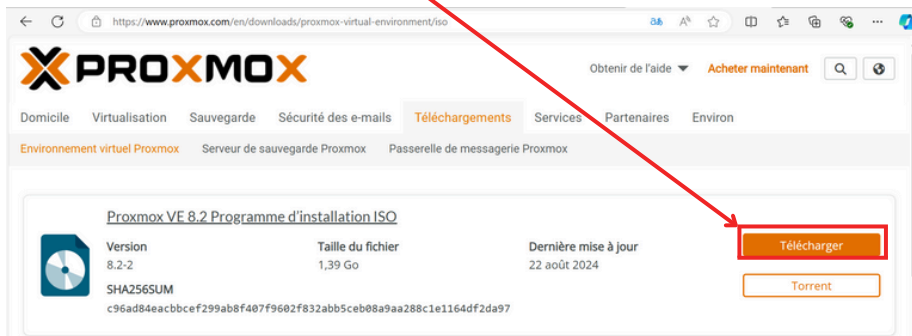
4 SEPTEMBRE 2024



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L'école de l'expertise numérique

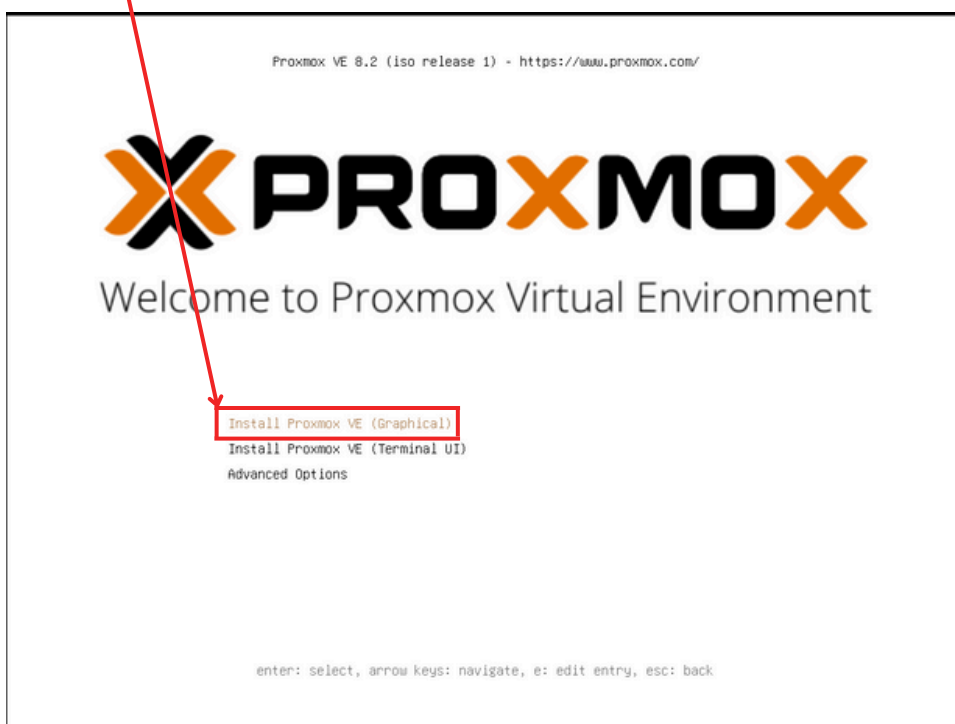
VI. Procédure d'installation

Pour installer Proxmox, nous devons nous rendre sur le site officiel pour y récupérer l'ISO souhaitée. Puis téléchargé la version la plus récente.



Nous stockons cette ISO sur une clé USB bootable, que nous insérons ensuite dans nos PC pour le déployer. Une fois le PC allumé, nous arrivons sur cette page :

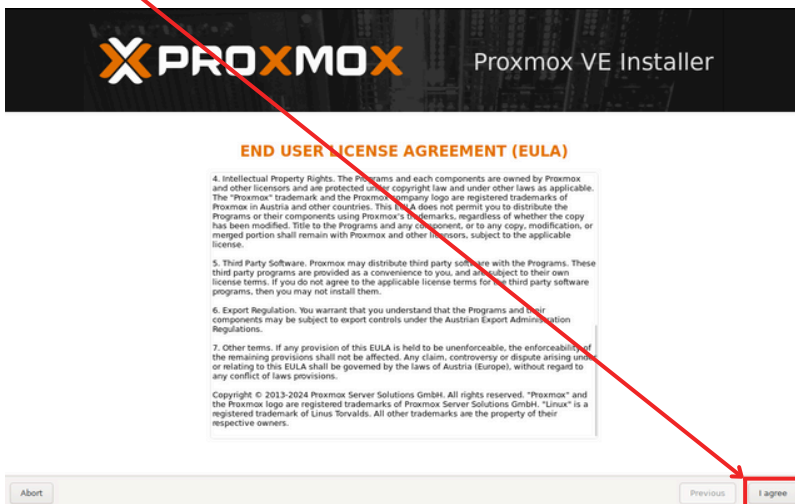
Cliquez sur "Install Proxmox VE (Graphical)".



Patientez pendant le chargement

```
Welcome to the Proxmox VE 8.2 installer
initial setup startup
mounting proc filesystem
mounting sys filesystem
boot commandline: BOOT_IMAGE=/boot/linux26 ro ramdisk_size=16777216 rw quiet spla
loading drivers: i2c_pllx4 pata_acpi mptspi mac_hid sr_mod uhci_hcd ehci_pci in
apl_aesni_intel sha1_ssse3 sha256_ssse3 ghash_c1mulni_intel polyval_c1mulni_crc3
l_gmc_core intel_uncore_frequency intel_rapl_common
modprobe: ERROR: could not insert 'intel_cstate': No such device
modprobe: ERROR: could not insert 'intel_tcc_cooling': No such device
modprobe: ERROR: could not insert 'intel_uncore_frequency': No such device
searching for block device containing the ISO proxmox-ve-8.2-1
with ISO ID '833ec68e-022d-11ef-99a4-e710060aa5b6'
testing device '/dev/sr0' for ISO
found Proxmox VE ISO
preparing installer mount points and working environment
switching root from initrd to actual installation system
Starting Proxmox installation
Installing additional hardware drivers
Starting hotplug events dispatcher: systemd-udevd.
Synthesizing the initial hotplug events (subsystems)...done.
Synthesizing the initial hotplug events (devices)...done.
Waiting for /dev to be fully populated....
```

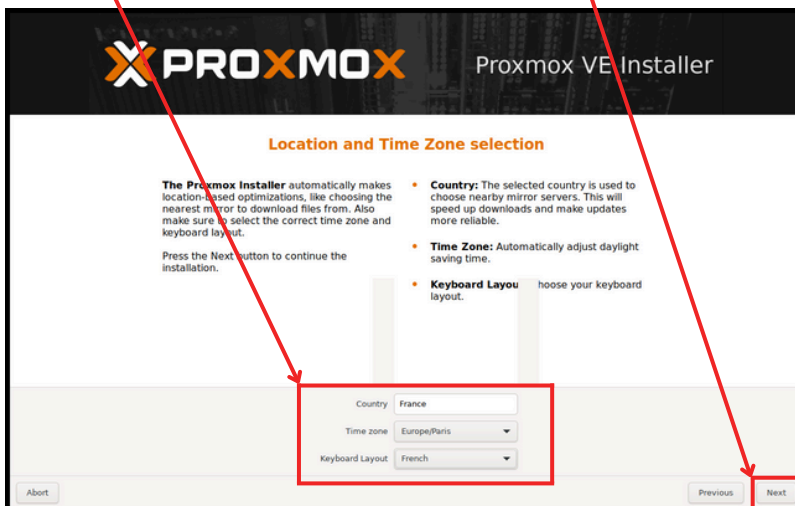
Cliquez sur "I agree".



Cliquez sur Next



Ajoutez les informations nécessaires, puis cliquez sur “Next”.



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.

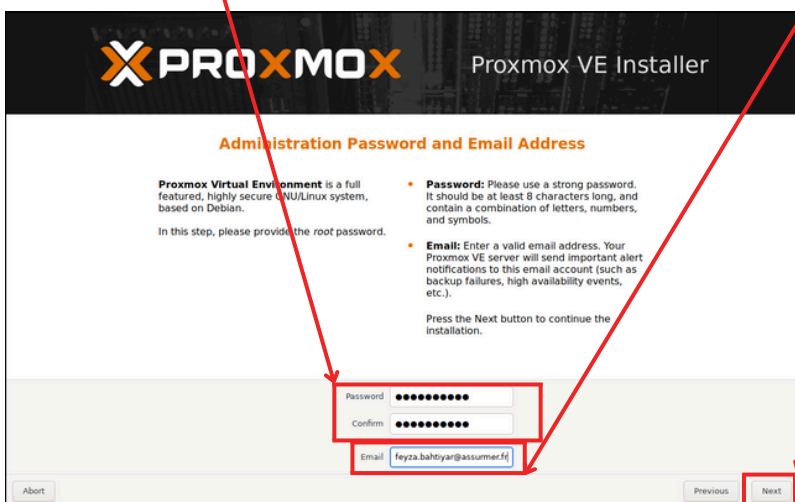
Press the Next button to continue the installation.

- 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: France
Time zone: Europe/Paris
Keyboard Layout: French

Abort Previous Next

Configurez votre mot de passe et ajoutez une adresse e-mail, puis cliquez sur “Next”.



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

In this step, please provide the root password.

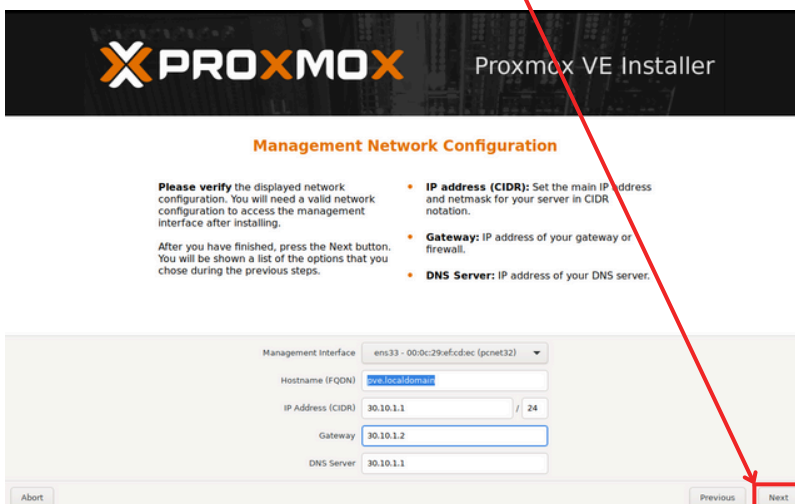
- Password:** Please use a strong password. It should be at least 8 characters long, and contain a combination of letters, numbers, and symbols.
- Email:** Enter a valid email address. Your Proxmox VE server will send important alert notifications to this email account (such as backup failures, high availability events, etc.).

Press the Next button to continue the installation.

Password:
Confirm:
Email: feyza.bahtiyar@assumerme.fr

Abort Previous Next

Vérifiez les adresses IP, puis cliquez sur “Next”.



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: ens33 - 00:0c:29:e6:cd:ec (pnet32)
Hostname (FQDN): blue.localdomain
IP Address (CIDR): 30.10.1.1 / 24
Gateway: 30.10.1.2
DNS Server: 30.10.1.1

Abort Previous Next

Terminez avec le récapitulatif des informations. Une fois vérifiées, cliquez sur “Install”.



The image shows the 'Summary' screen of the Proxmox VE Installer. It features a table of configuration options and their values. A red arrow points from the text 'Terminez avec le récapitulatif des informations. Une fois vérifiées, cliquez sur “Install”.' to the 'Install' button at the bottom right.

Option	Value
Filesystem:	ext4
Disk(s):	/dev/sda
Country:	France
Timezone:	Europe/Paris
Keymap:	fr
Email:	feysa.bahtiyar@edu.eslee-ll.fr
Management Interface:	ens33
Hostname:	pve
IP CIDR:	30.10.1.1/24
Gateway:	30.10.1.2
DNS:	30.10.1.1

At the bottom, there is a checkbox for 'Automatically reboot after successful installation' which is checked. Below the checkbox are three buttons: 'Abort', 'Previous', and 'Install'.

Une fois l'installation réussie, cliquez sur “Reboot”.



The image shows the 'Virtualize your IT Infrastructure' screen of the Proxmox VE Installer. It contains text about Proxmox VE's features and a progress bar for 'configuring base system' which is at 60%. A red arrow points from the text 'Une fois l'installation réussie, cliquez sur “Reboot”.' to the 'Reboot' button on the final screen.

Proxmox VE is ready for enterprise deployments.

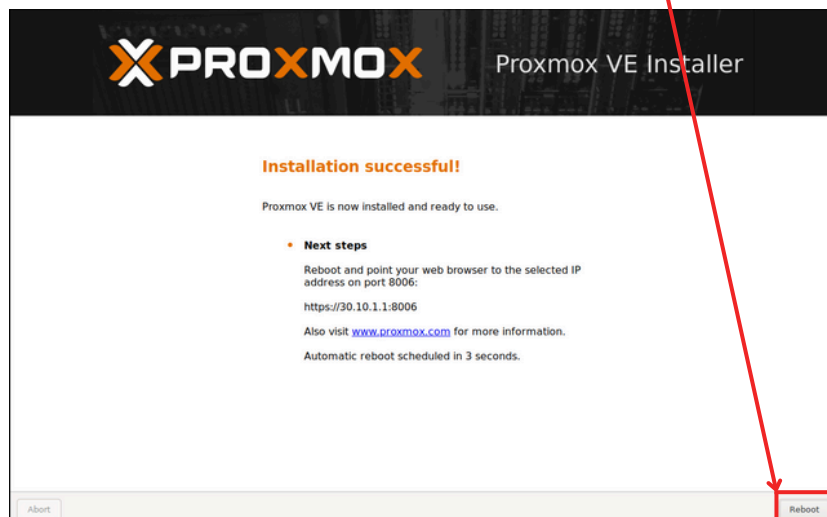
The role based permission management combined with the integration of multiple external authentication sources is the base for a secure and stable environment.

Visit www.proxmox.com for more information about commercial support subscriptions.

- **Commitment to Free Software**
The source code is released under the GNU Affero General Public License.
- **RESTful web API**
Resource-oriented architecture (ROA) and declarative API definition using JSON Schema enable easy integration for third party management tools.
- **Virtual Appliances**
Pre-installed applications - up and running within a few seconds.

configuring base system 60%

Buttons: 'Abort' and 'Install'.



The image shows the 'Installation successful!' screen of the Proxmox VE Installer. It provides instructions for the next steps, including rebooting and accessing the web interface. A red arrow points from the text 'Une fois l'installation réussie, cliquez sur “Reboot”.' to the 'Reboot' button at the bottom right.

Installation successful!

Proxmox VE is now installed and ready to use.

- **Next steps**
Reboot and point your web browser to the selected IP address on port 8006:
<https://30.10.1.1:8006>
Also visit www.proxmox.com for more information.
Automatic reboot scheduled in 3 seconds.

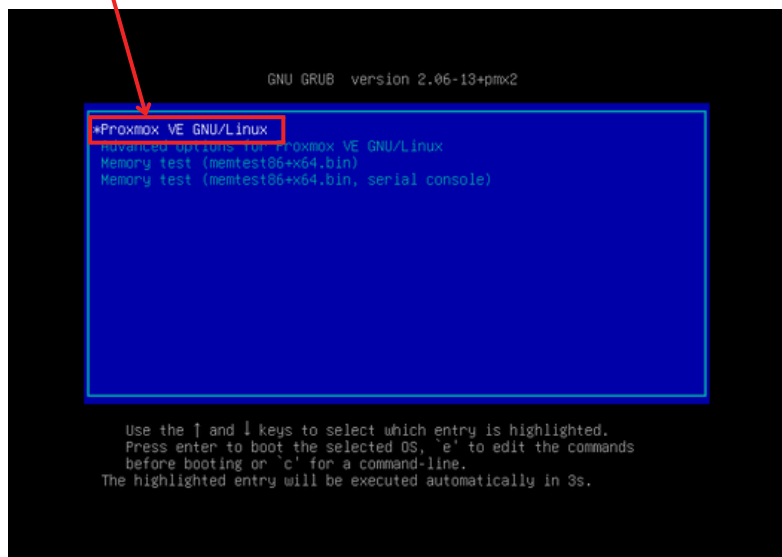
Buttons: 'Abort' and 'Reboot'.

Patientez pendant le chargement

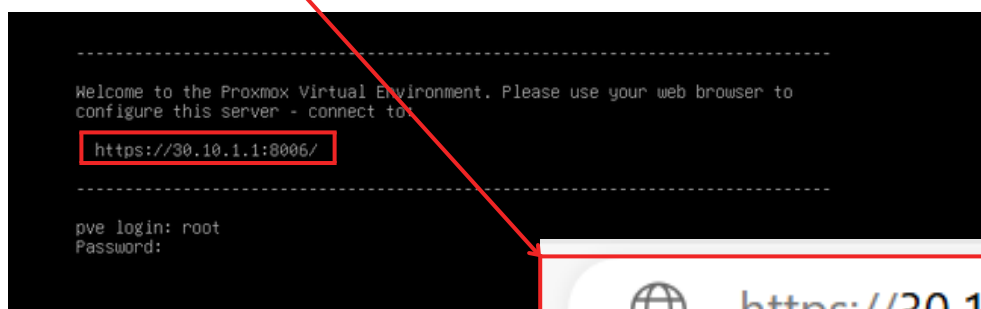
```
l_pac_core intel_uncore_frequency intel_rapl_common
modprobe: ERROR: could not insert 'intel_cstate': No such device
modprobe: ERROR: could not insert 'intel_tcc_cooling': No such device
modprobe: ERROR: could not insert 'intel_uncore_frequency': No such device
searching for block device containing the ISO proxmox-ve-8.2-1
with ISO ID '833edde8-9c28-11ef-9944-e71060aa306'
testing device '/dev/sr0' for ISO
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Synthesizing the initial hotplug events (subsystems)...done.
Synthesizing the initial hotplug events (devices)...done.
Waiting for /dev to be fully populated...done.
mount: devpts mounted on /dev/pts.
/bin/dbus-daemon
Starting D-Bus daemon
Attempting to get DHCP leases... Internet Systems Consortium DHCP Client 4.4.3-P1
Copyright 2004-2022 Internet Systems Consortium.
All rights reserved.
For info, please visit https://www.isc.org/software/dhcp/

Listening on LPF/ens33/00:0c:29:1ef:cd:ec
Sending on LPF/ens33/00:0c:29:1ef:cd:ec
Sending on Socket/fallback
DHCPDISCOVER on ens33 to 255.255.255.255 port 67 interval 4
DHCPOFFER of 30.10.1.1 from 30.10.1.254
DHCPREQUEST for 30.10.1.1 on ens33 to 255.255.255.255 port 67
DHCPACK of 30.10.1.1 from 30.10.1.254
bound to 30.10.1.1 -- renewal in 756 seconds.
done
Starting chrony for opportunistic time-sync...
Starting a root shell on tty0.
unable to detect country
Starting the installer GUI - see tty2 (CTRL+ALT+F2) for any errors...
Installation done, rebooting...
Stopping hotplug events dispatcher: systemd-udevd.
Terminate all remaining processes
Kill any remaining processes
unmounting ISO
/sys : ignored
/binoc : ignored
/dev : ignored
/cdrom : successfully unmounted
/ : ignored
eject: cannot open /dev/sr0: device or resource busy
rebooting - please remove the ISO boot media
=
```

Cliquez sur "Proxmox VE GNU/Linux".



Une fois la page chargée, récupérez l'URL afin de pouvoir accéder à l'interface web de votre serveur. Entrez-la dans votre navigateur.



<https://30.10.1.1:8006/>