Proxmox Install and Setup

Today we will go through the steps needed to install Proxmox VE on an old laptop. I used a Sony Vaio VHN-NW350F with 4GB RAM and a 320GB HDD.

* Download Proxmox install and use Belena Etcher to flash the image to a USB Stick.

 

To do this, after downloading the Proxmox ISO, launch Belena Etcher and select the image. Click ***next***. Then select your target drive. Click ***Flash.***

2. Once the ISO finishing being flashed on the USB drive, reboot the computer and plug in the USB drive.

3. You may need to change your boot order in your BIOS in order to tell your computer to boot from the USB. Once your computer boots from the USB you will see the Proxmox install Screen.



4. Highlight the ***Install Proxmox VE*** option and hit ***enter.***

5.The installer will start the process.









6. Accept the EULA



7. Set the country, time zone and keyboard layout.



8. Set your desired password and enter the email.



9. Confirm the settings and click ***Install***.



10. Once the install completes you are greeted with the login screen.



11. Next, we need to make sure that the Proxmox server has a static IP. Log into your router.



12. Navigate to your LAN settings and reserve a static address for your Proxmox server. Here, we can see that I have set the IP to 192.168.1.27.



13. Time to log in to your new Proxmox install. The username is ***root*** and the password is what you set during the install.



14. Now, because we used a laptop for this server, we really don’t want to keep the lid open all of the time. Let’s make a few modifications to a couple files to ensure our server stays on when the lid is closed.

15. Enter ***sudo nano /etc/sytemd/logind.conf***



16. Locate two entries in this file, uncomment them and set the values to ***ignore.***  
***HandleLidSwitch=ignore***

***HandleLidSwitchDocked=ignore***



17. Hit ***ctrl+o*** and hit ***enter,*** then ***ctrl+x.***

Next, we need to make sure that the screen shuts off when we close the lid so we don’t burn out our screen. First, type ***sudo nano /etc/default/grub***



18. Locate the line that starts with ***GRUB\_CMDLINE\_LINUX\_DEFAULT-”quiet”***

19. Just below that line add another line that says “***GRUB\_CMDLINE\_LINUX=”consoleblank=300”***

This will tell the computer to shut the screen off after 300 seconds once we close the lid.



20. Again, hit ***ctrl+o,*** hit ***enter*** and then ***ctrl+x.***

21. Now we need to update the grub configuration. Type the command ***sudo update-grub.***



Now we can restart the Proxmox server and you have successfully installed Proxmox. Once the server reboots, we can log in.