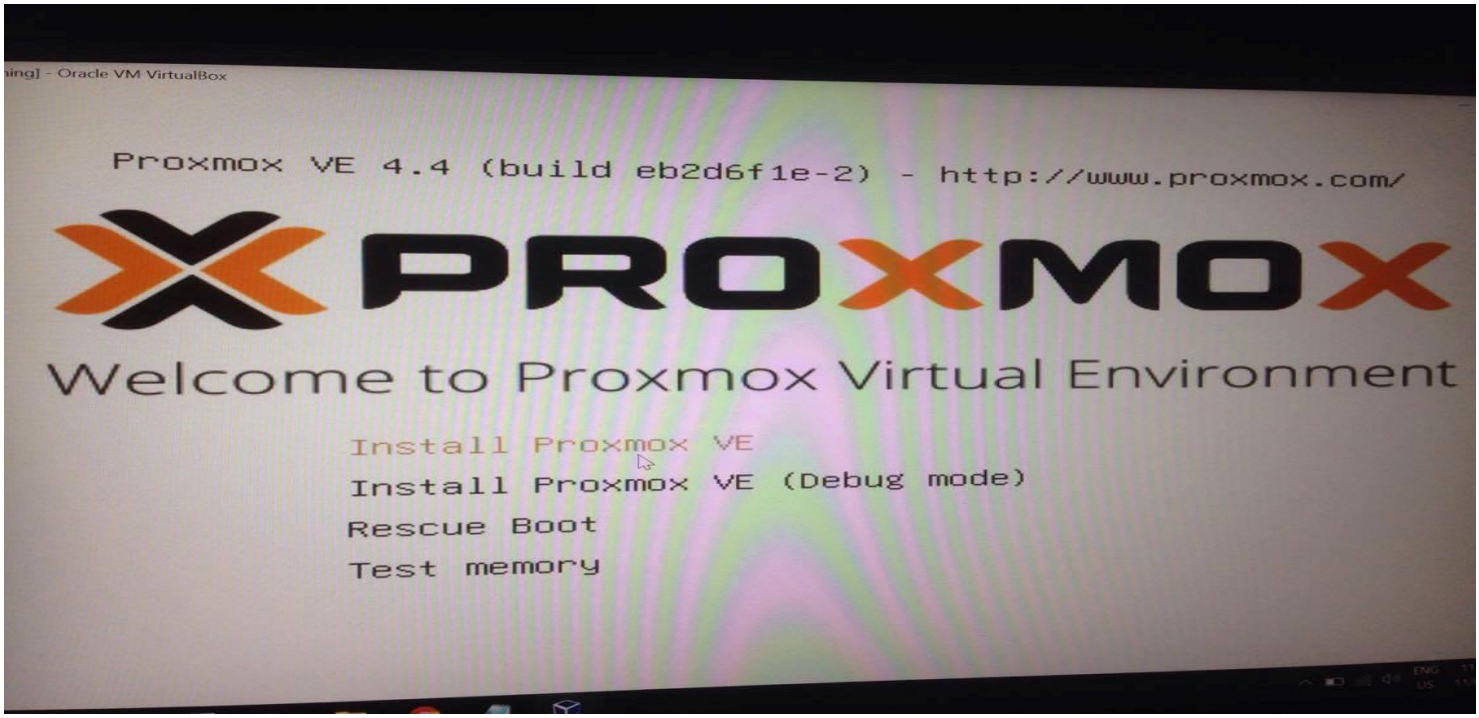
Proxmox & Pfsense Installation

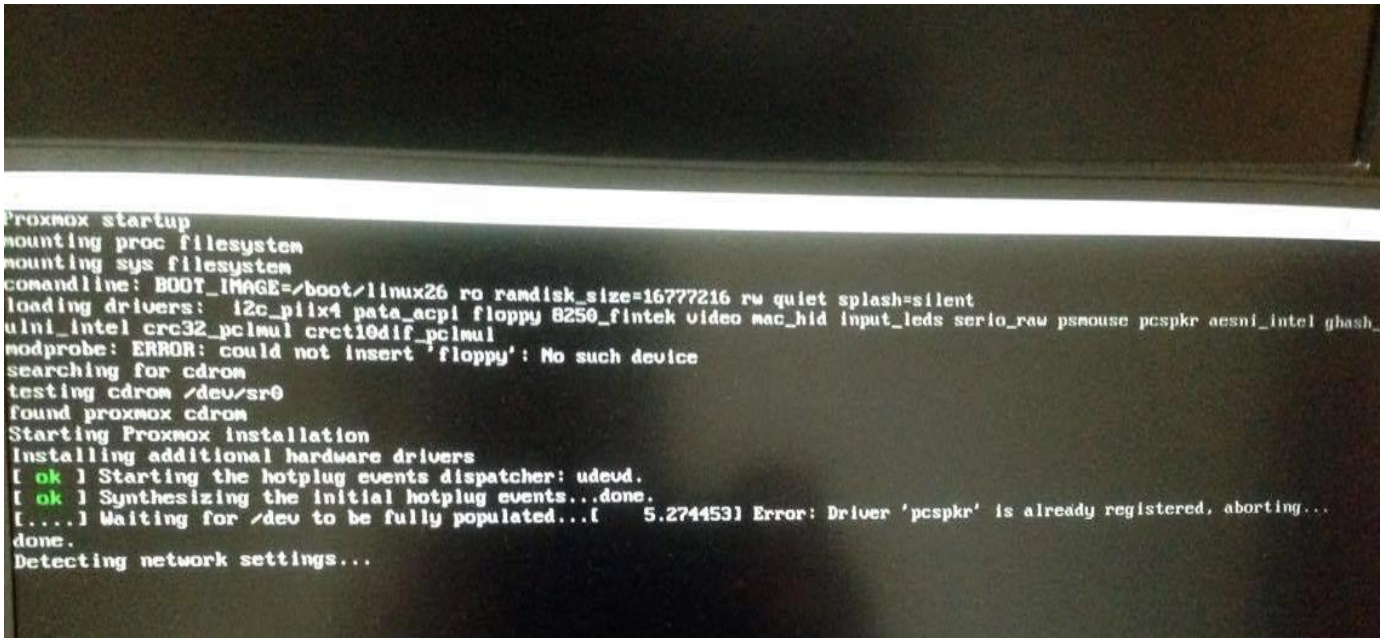
1st Step

Followed this settings for VMBox then run it.

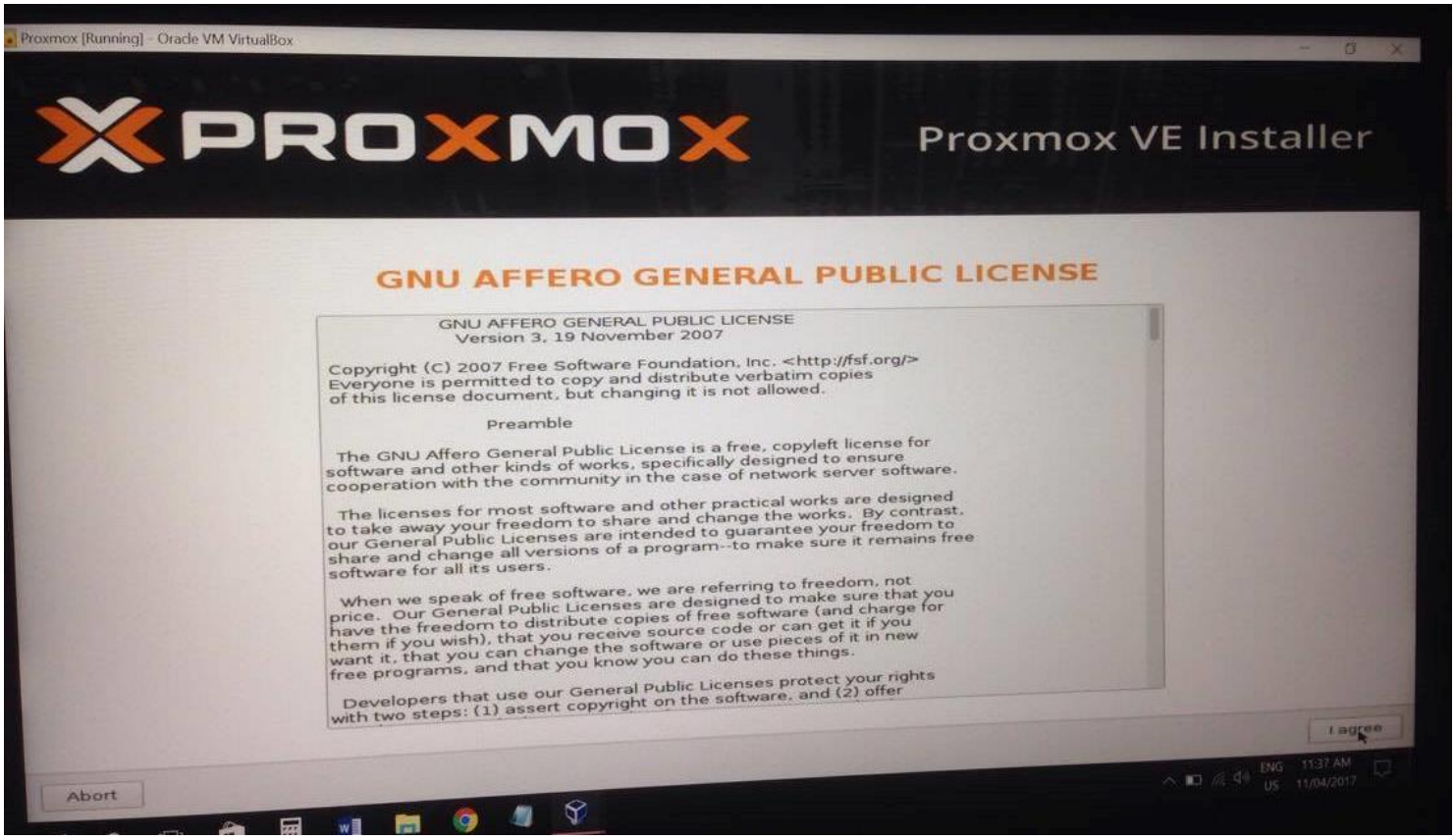
1. Create a new Virtualbox Virtual Machine for Proxmox
   Sample settings:
   Name: Proxmox-vm
   OS Type: Linux
   Version: Debian (64 bit)
   Memory: 6GB
   Disk: Use a SSD if possible. Preallocated might provide faster access.
2. Edit the settings
   Audio: disable
   Storage:
   IDE - Select Empty - click IDE Secondary - select the disk symbol, pick ISO for Proxmox
   Network:
   Adapter 1: Host-only Adapter, vboxnet0; recommended leave the advanced settings as they are (Paravirtualized Network (virtio-net)).
   Adapter 2: NAT (attention: NOT NAT-network!!)



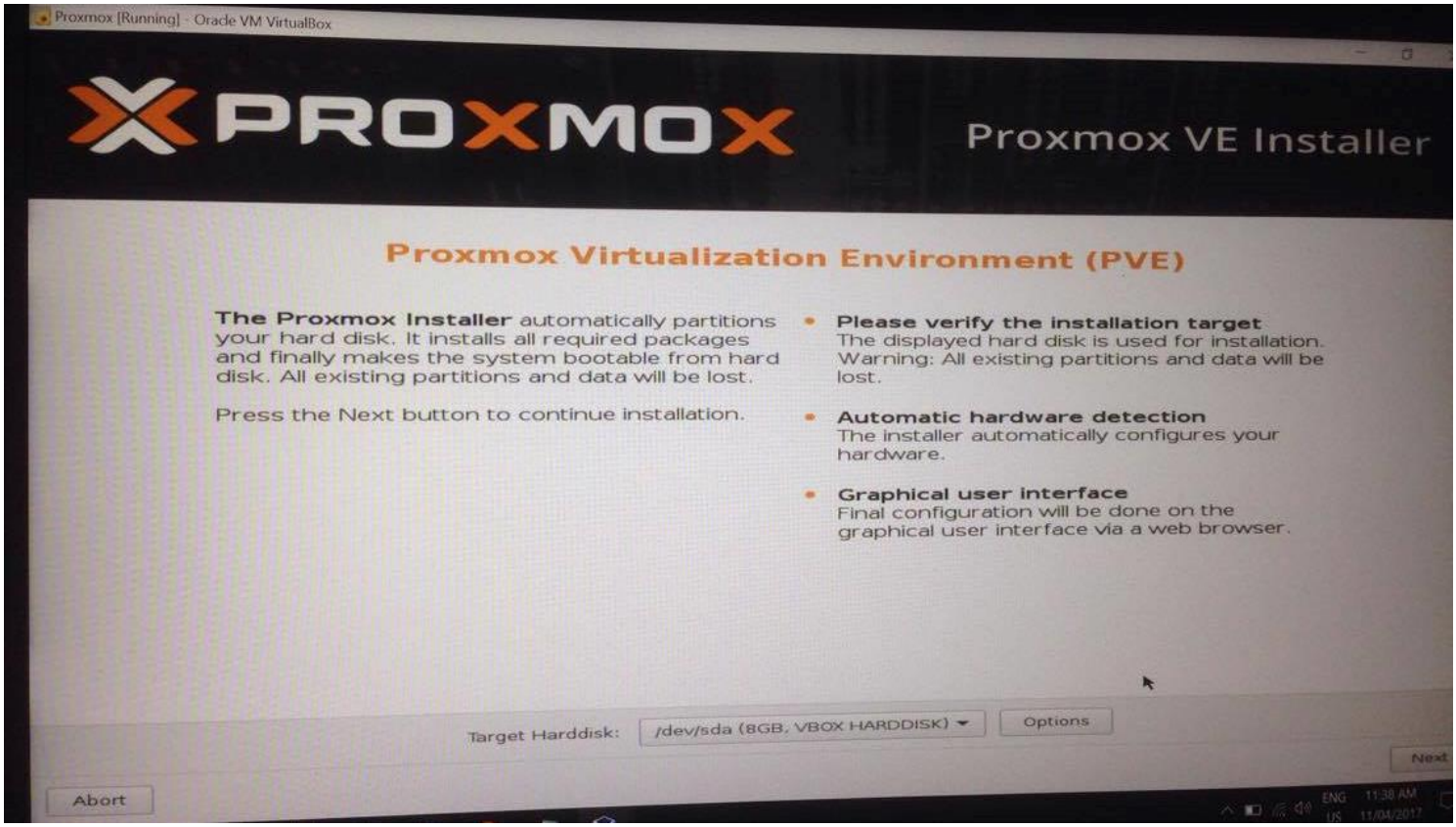
2nd Step
After entering Install Proxmox VE



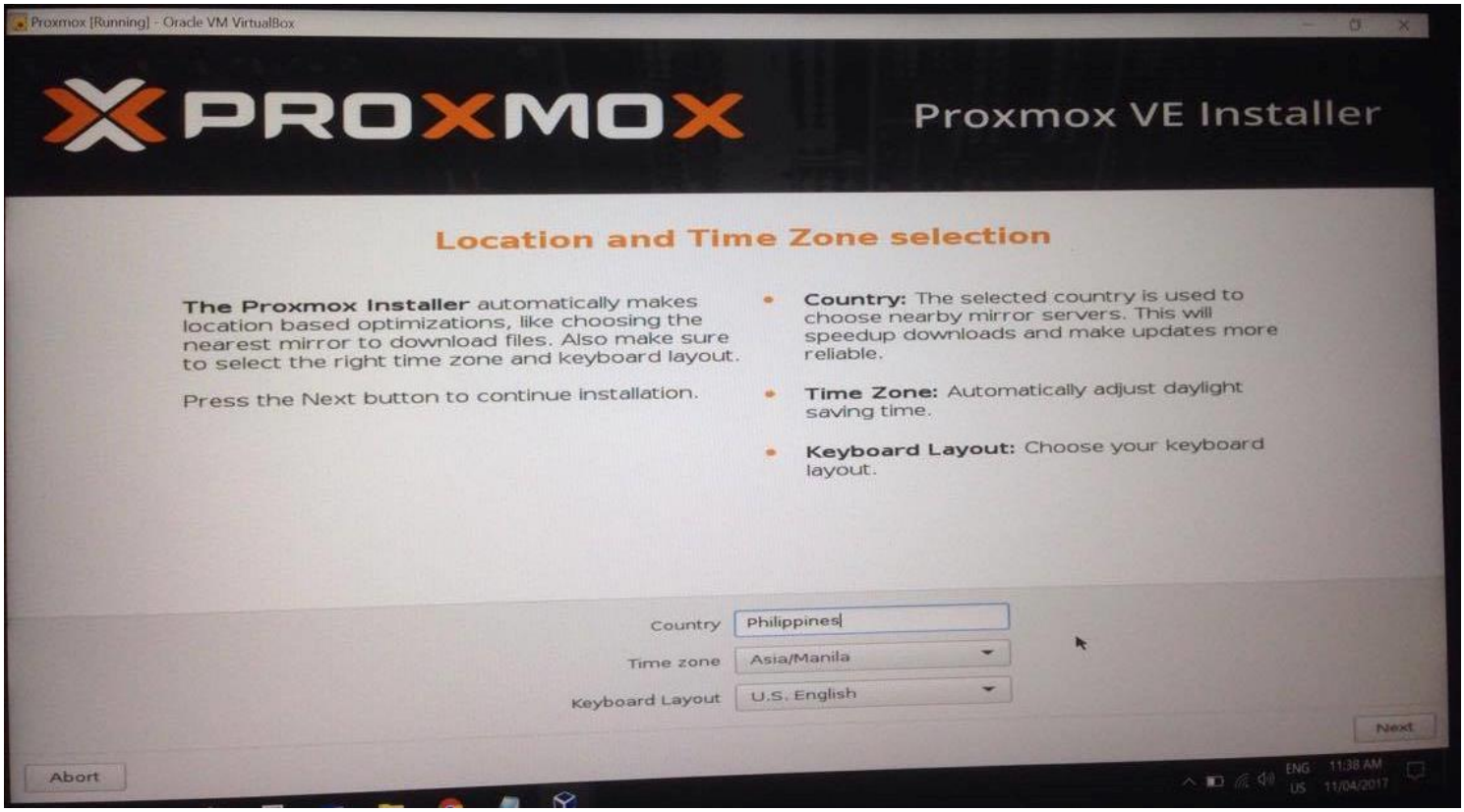
3rd Step
After loading the contents of the Proxmox ISO. Read and continue by clicking “I agree”.



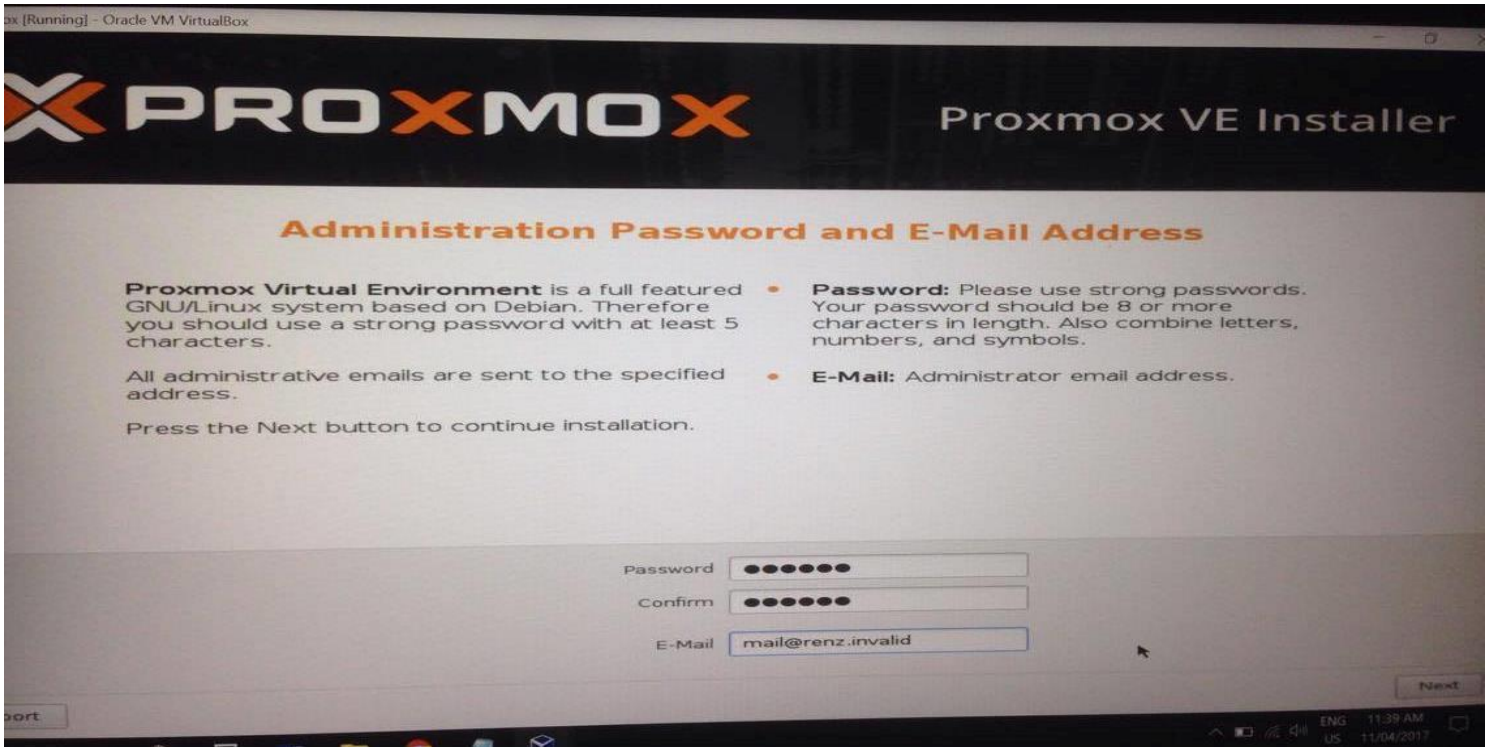
4th Step
Set up the hard disk option by clicking the Options botton.



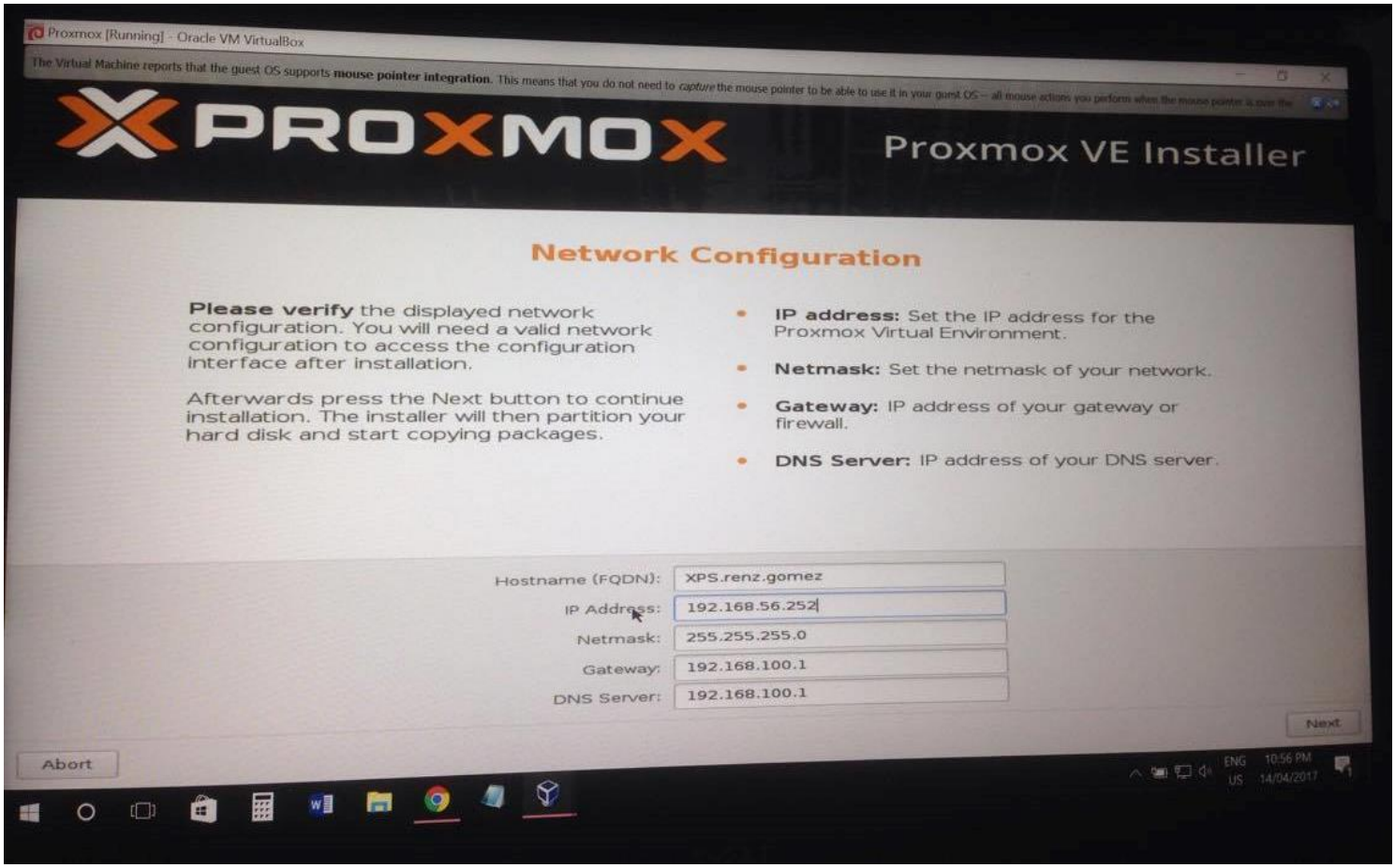
5th Step
Input the country.



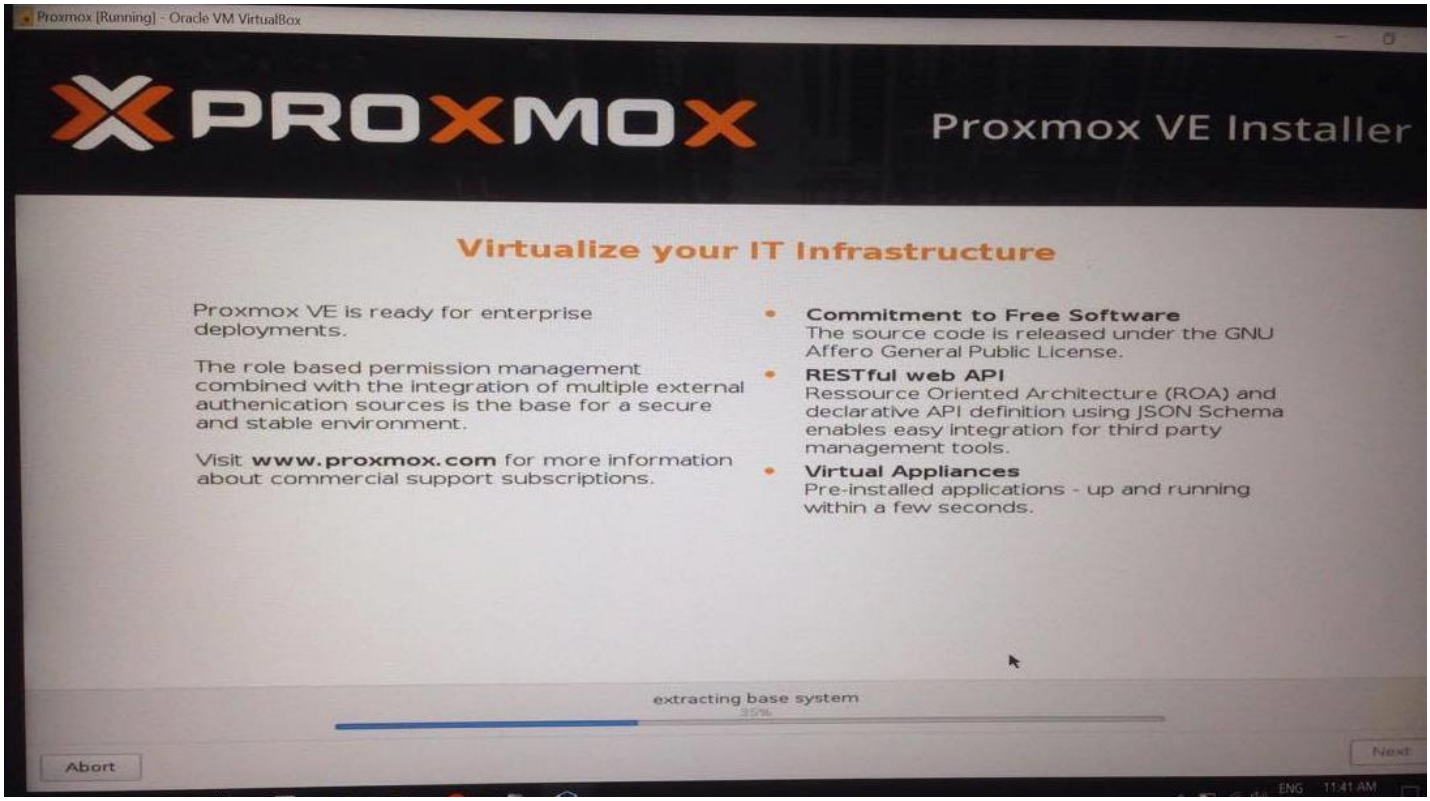
6th Step
Enter the Proxmox password and email address.



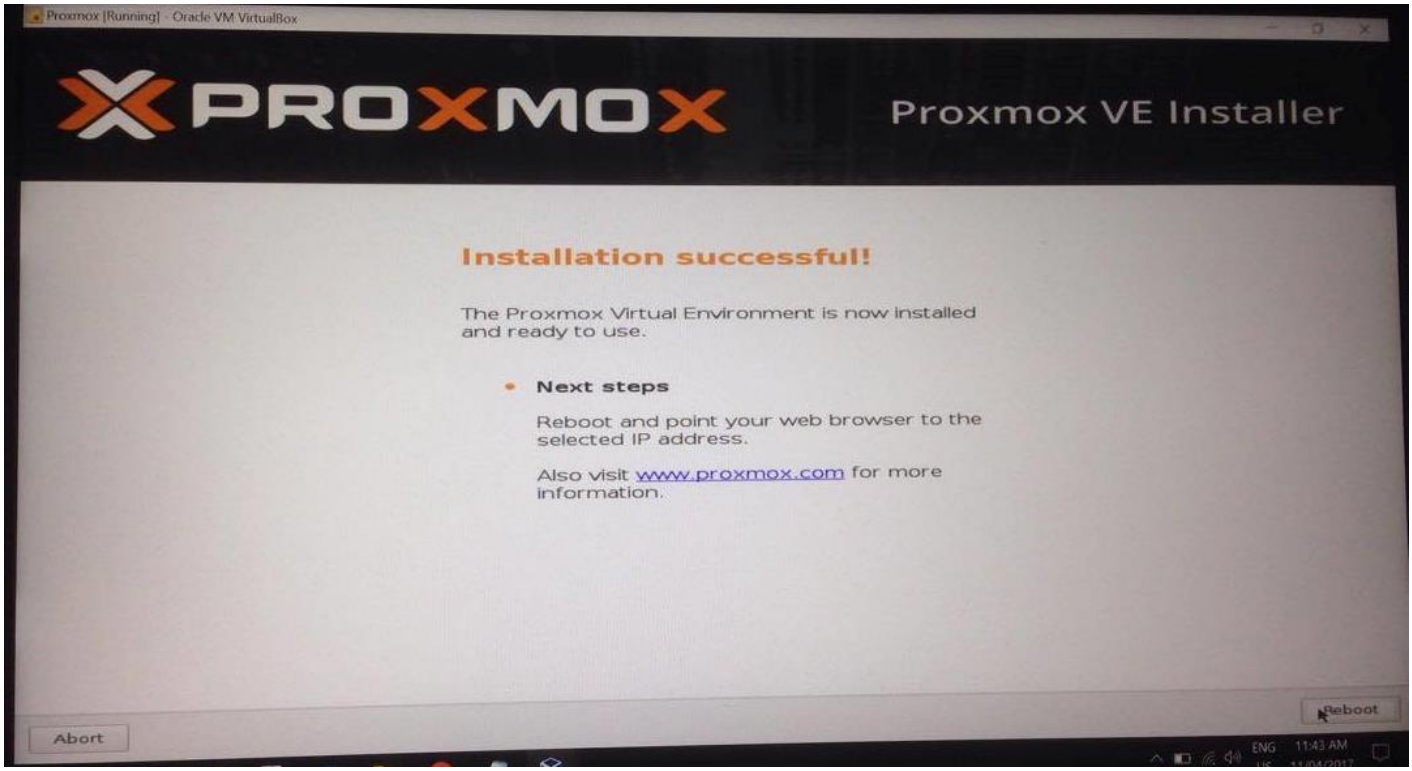
7th Step
Fill out the network configuration. I modified the IP Address to 192.168.56.252



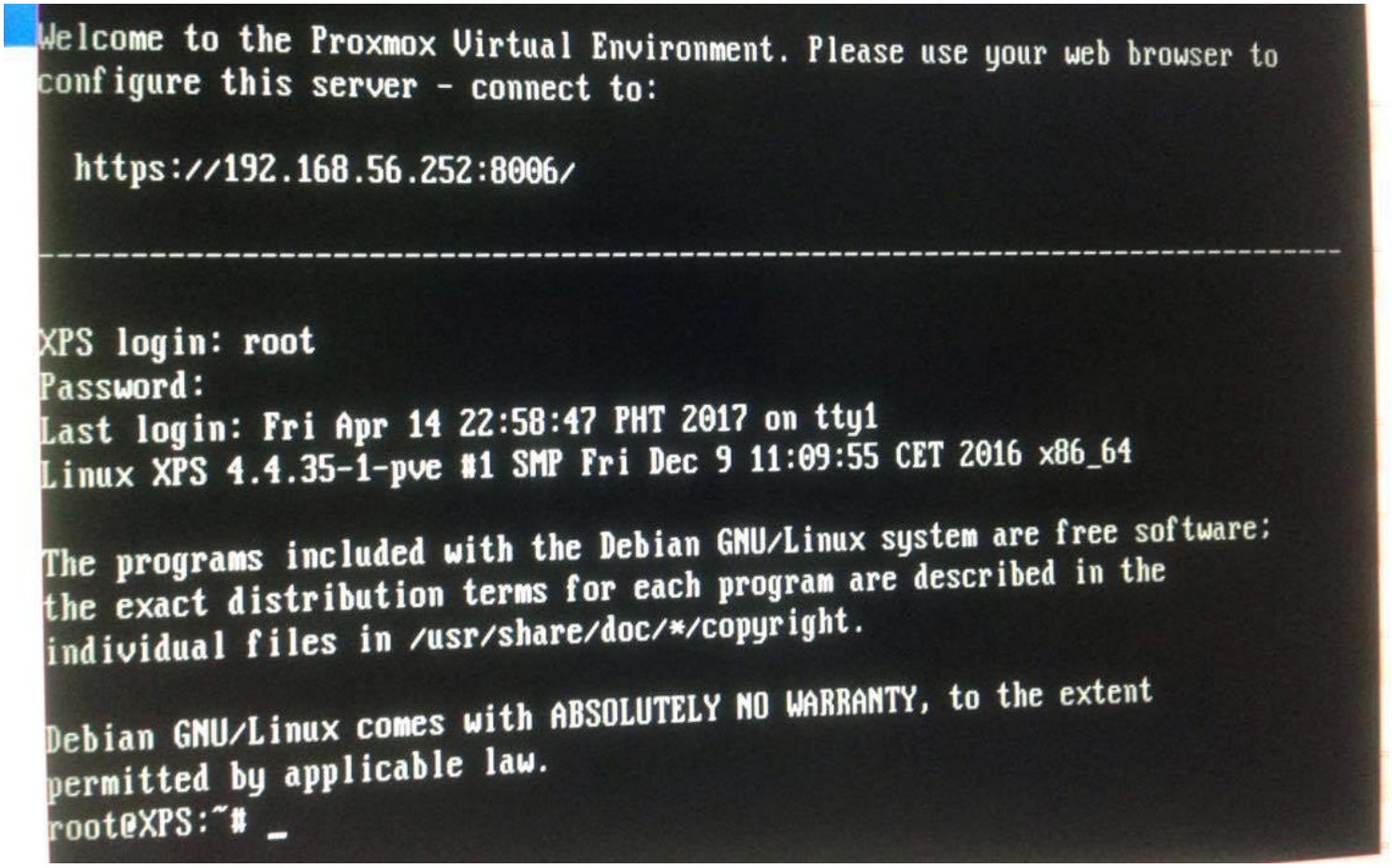
8th Step
Installation starts.



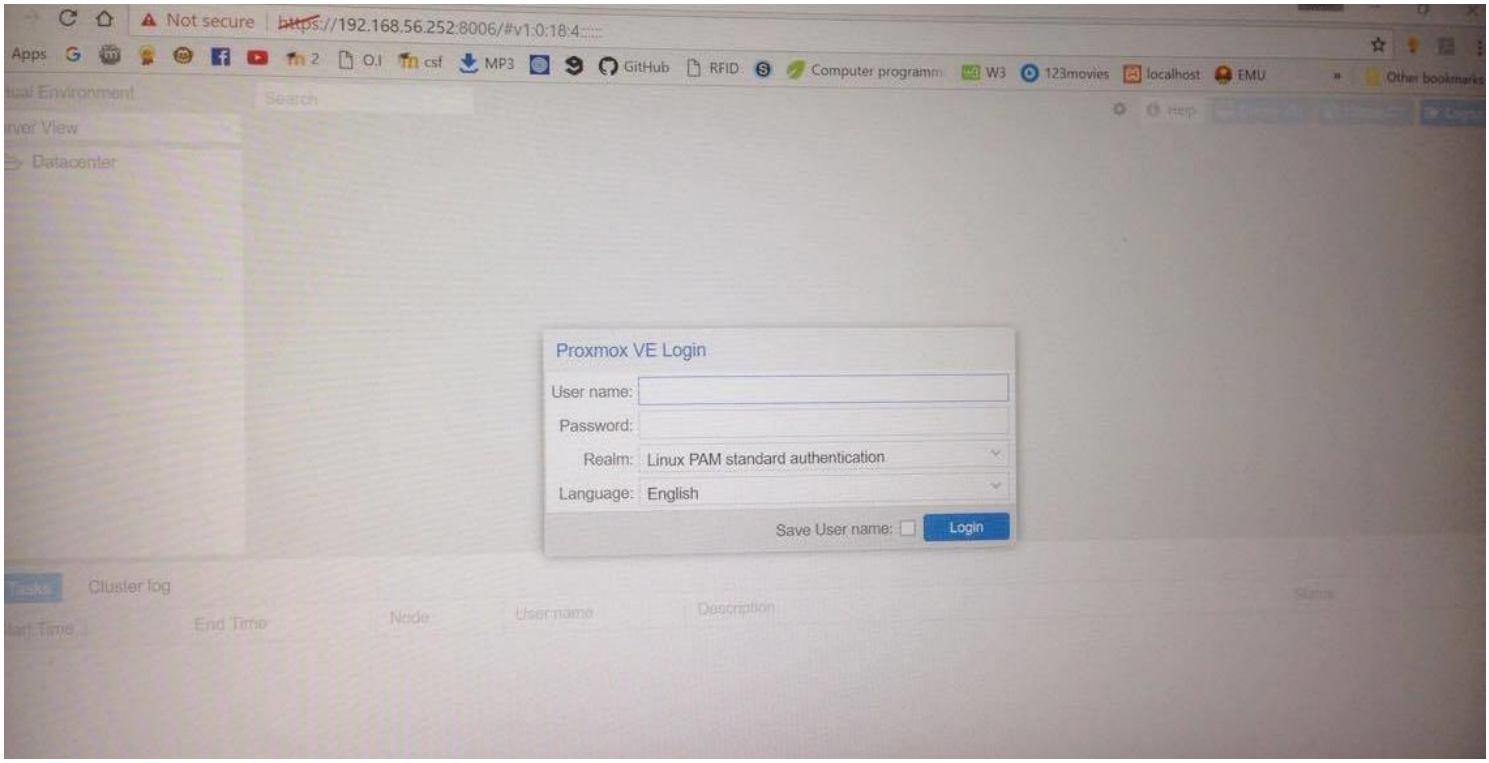
9th Step
After installation reboot Proxmox or close the Proxmox virtual machine then run again.



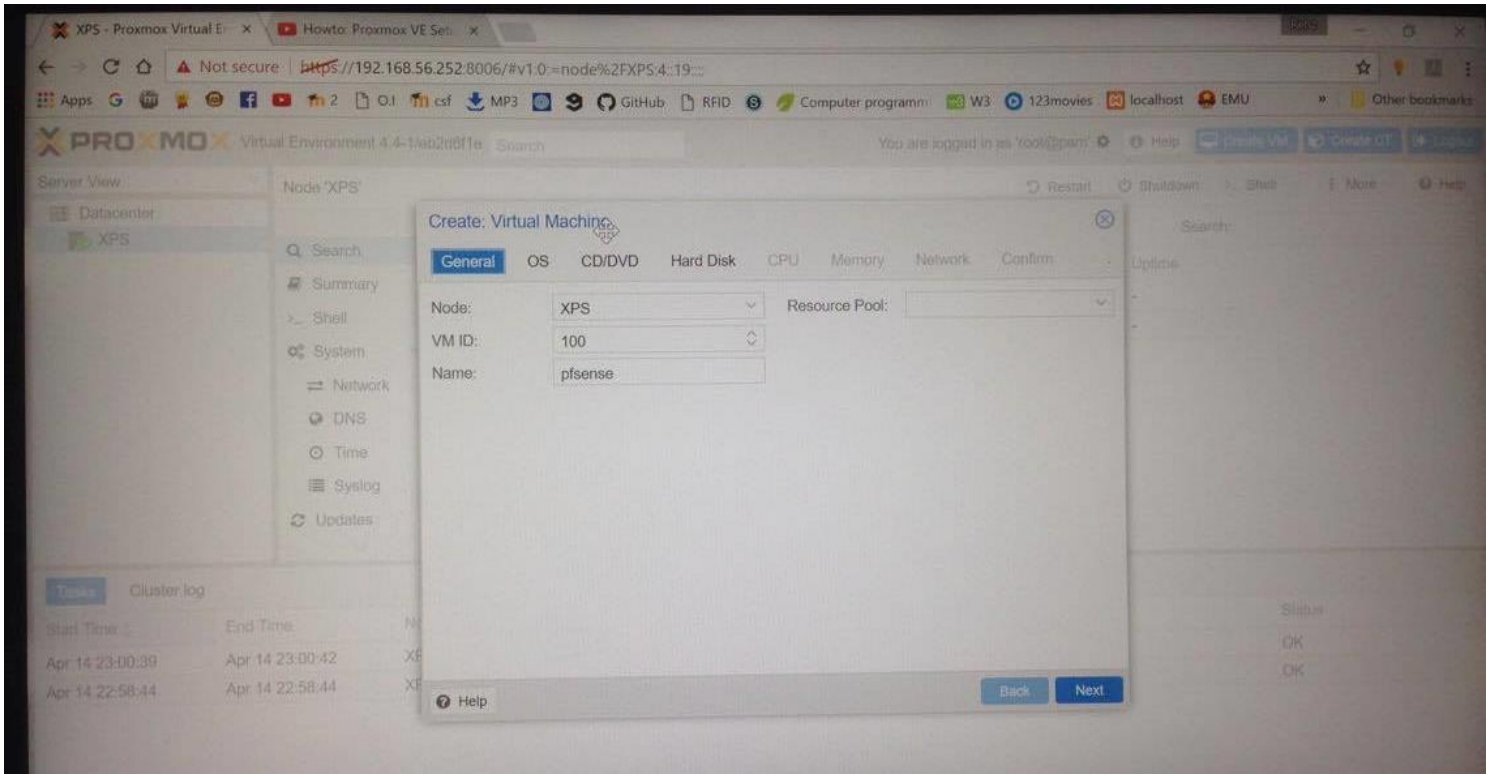
10th Step
Login using root and enter administration password.



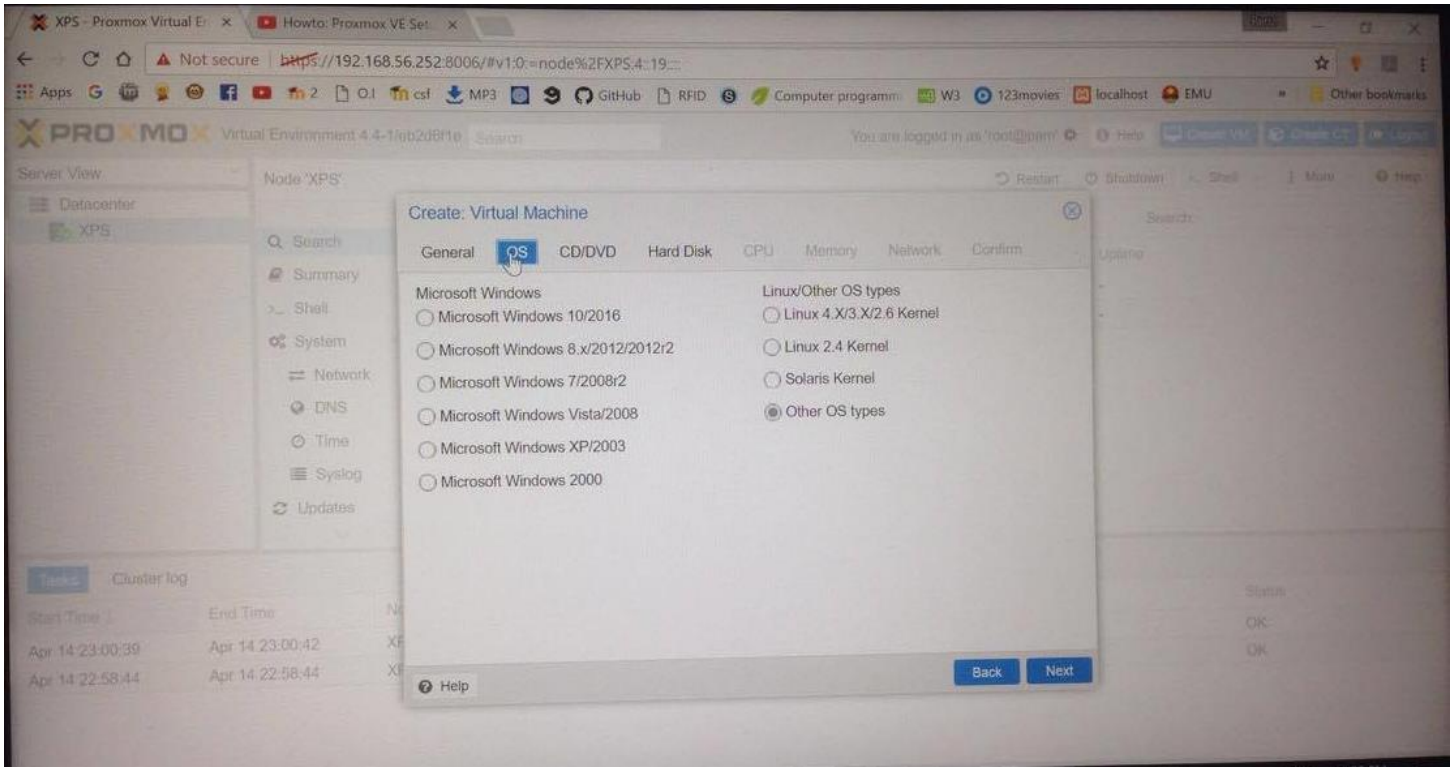
11th Step
After logging into proxmox, access the proxmox interface by using the IP Address used during the installation.



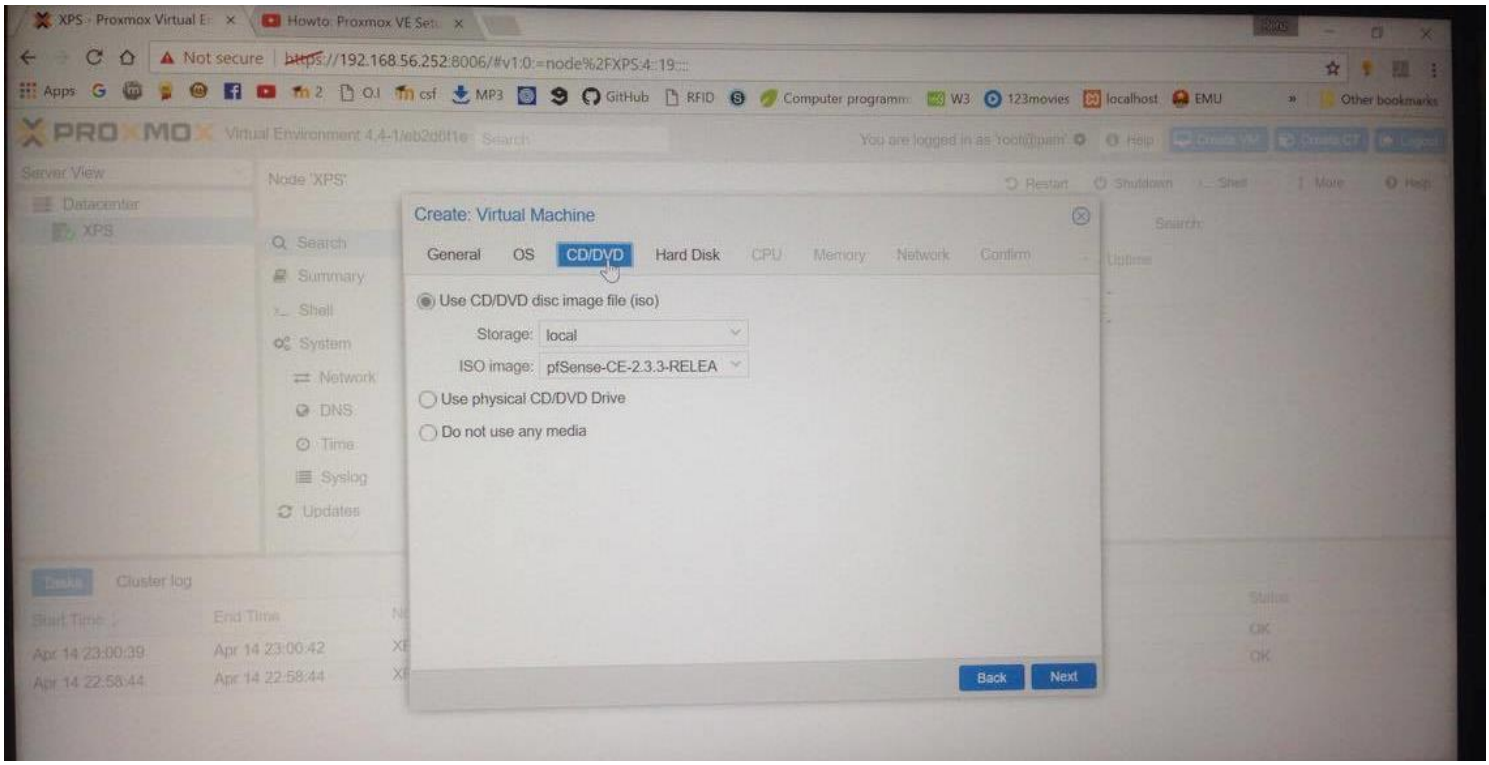
12th Step
Click the create VM option and modify the settings for creating virtual machine. General tab.



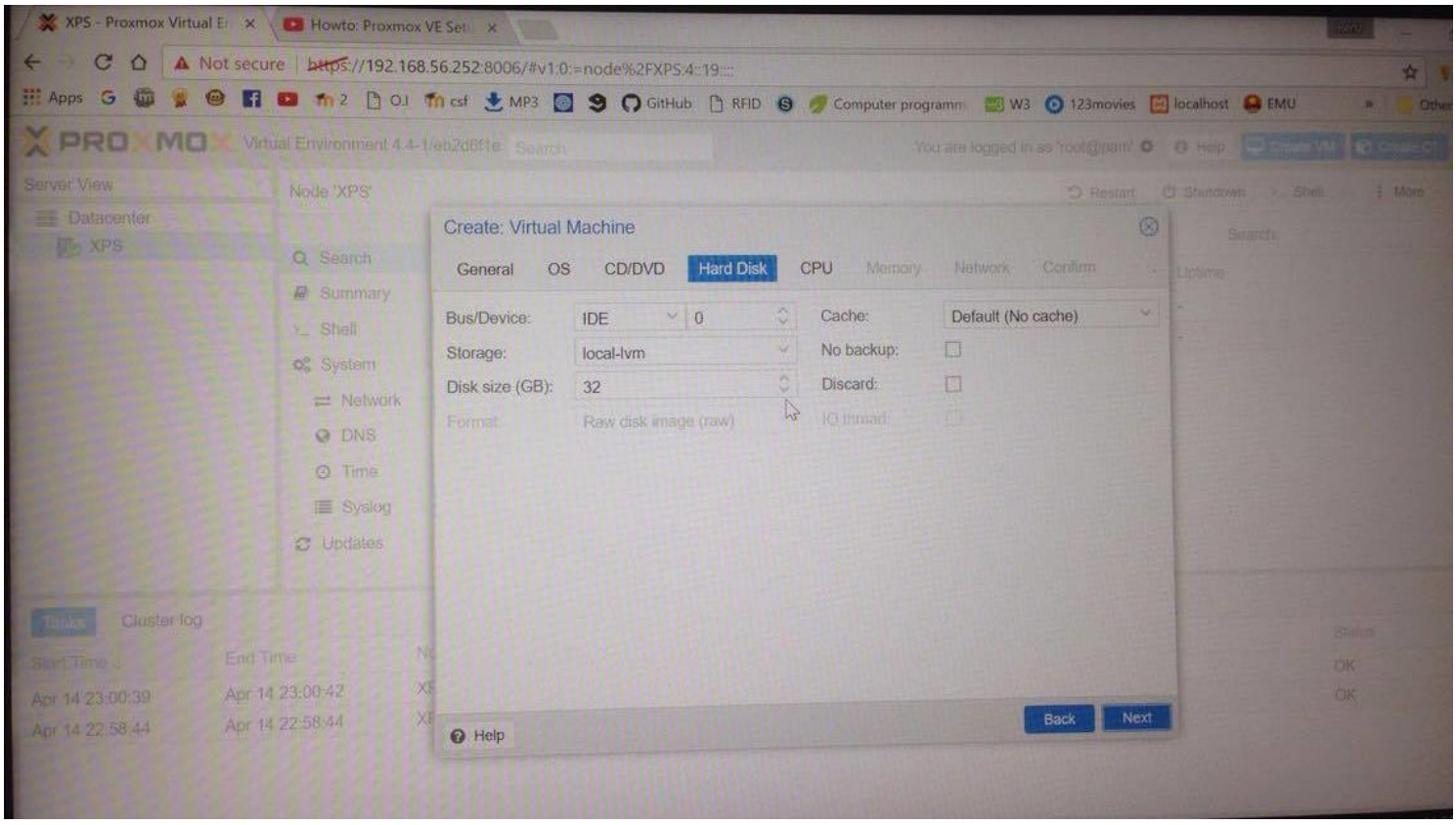
13th Step
Select OS type. I used the Other OS types radiobutton.



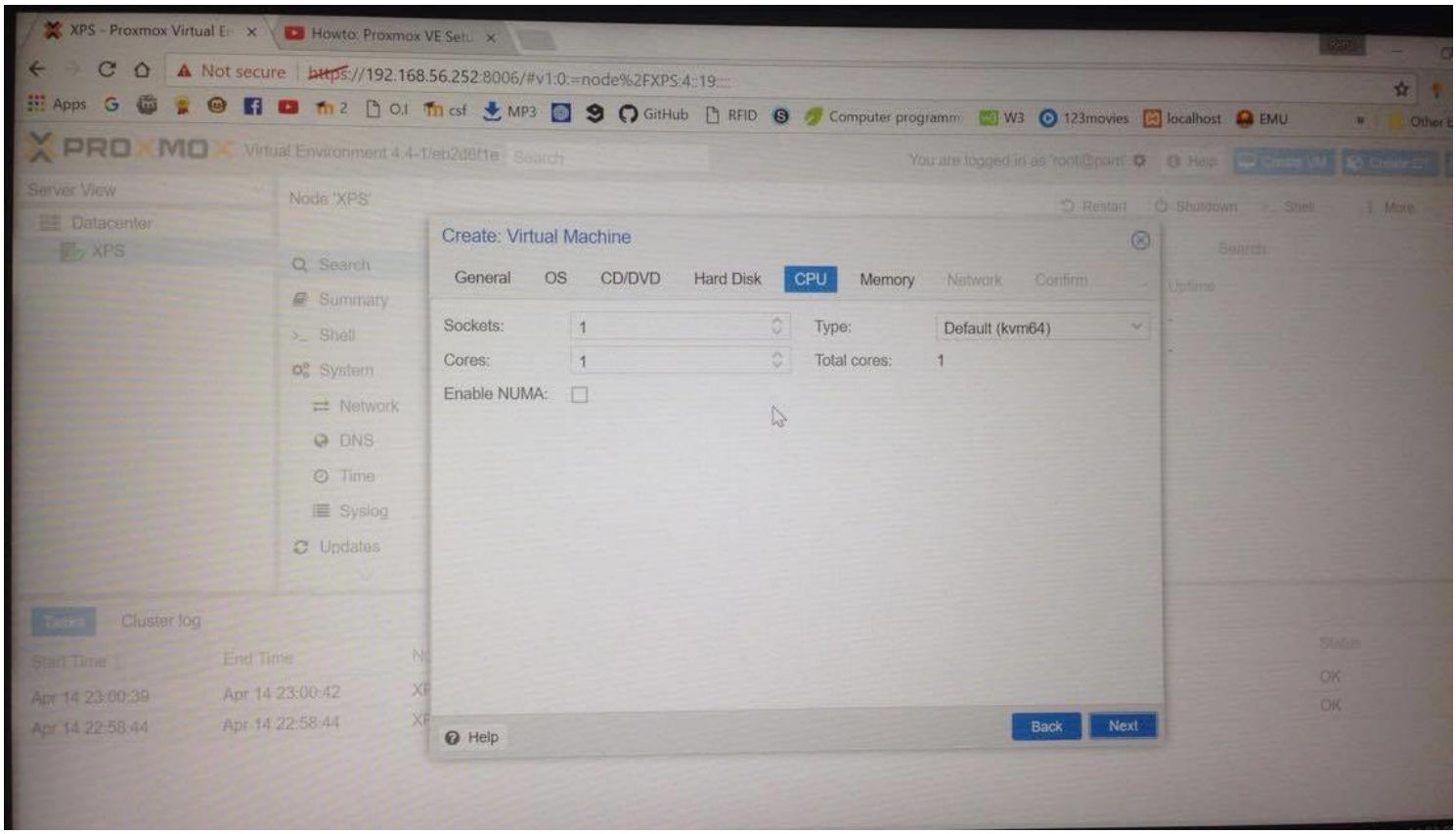
14th Step
Select the ISO you want to create as VM.



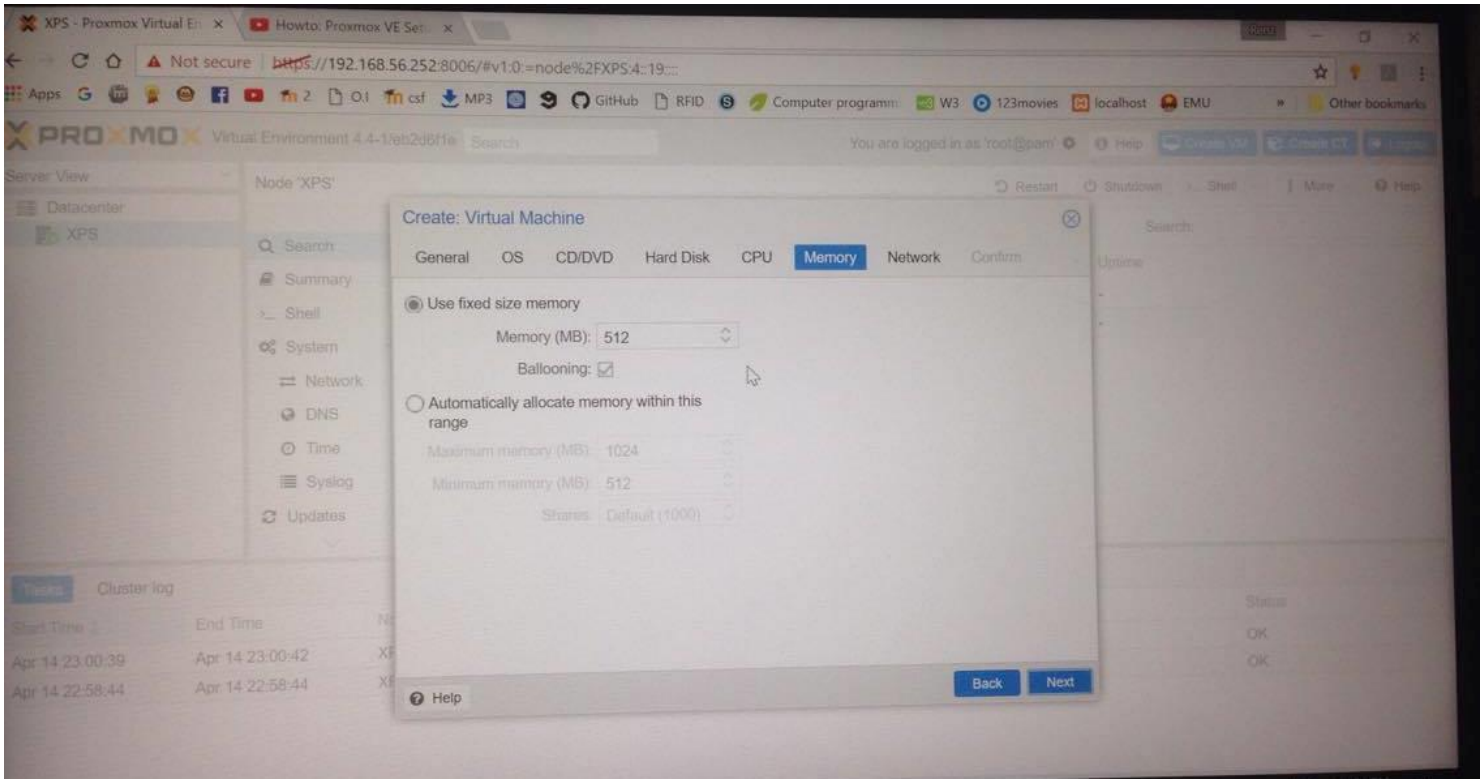
15th Step
Modify the Hard Disk. I used the default settings.



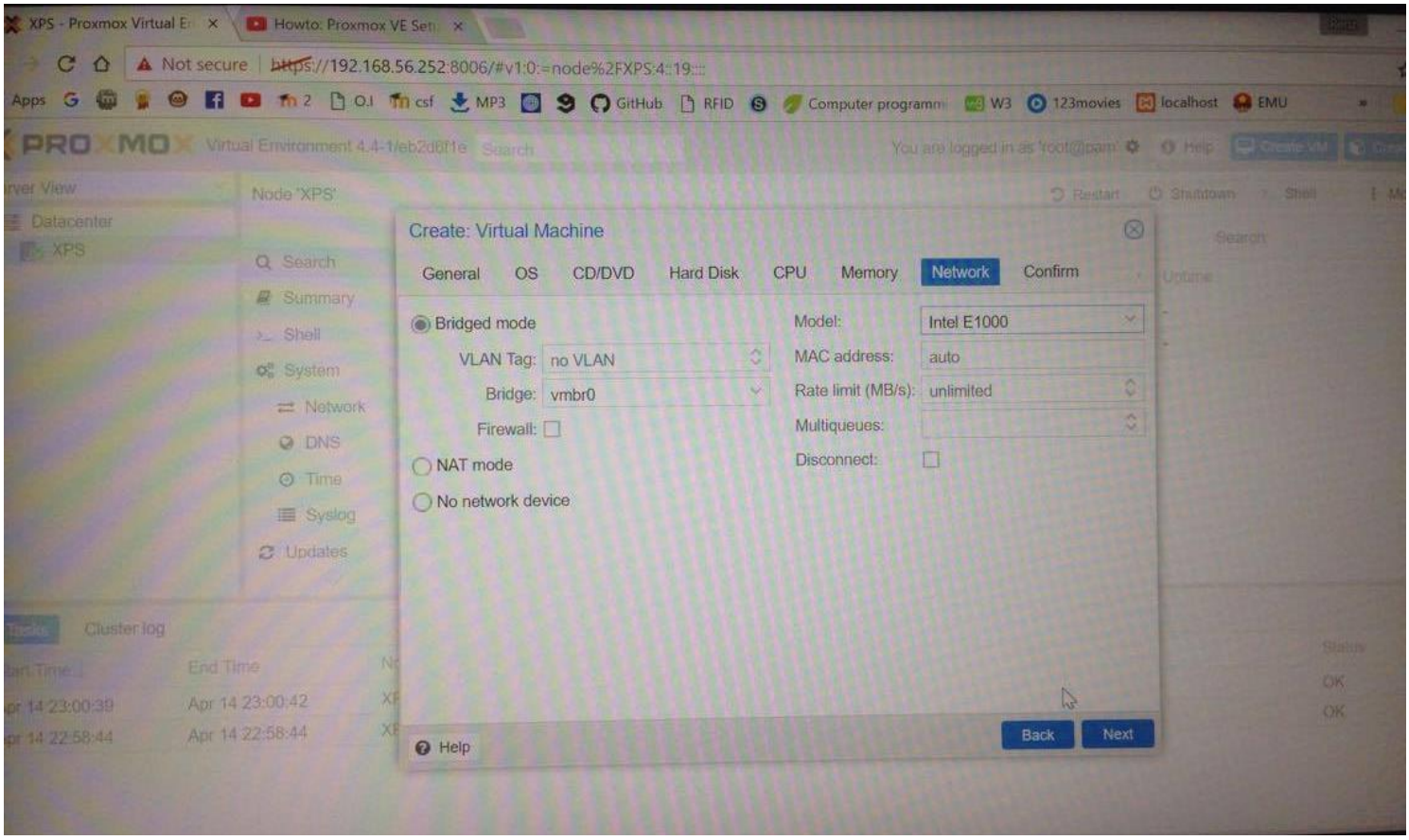
16th Step
Modify the the number of cores, sockets and the CPU type. I used the default settings.



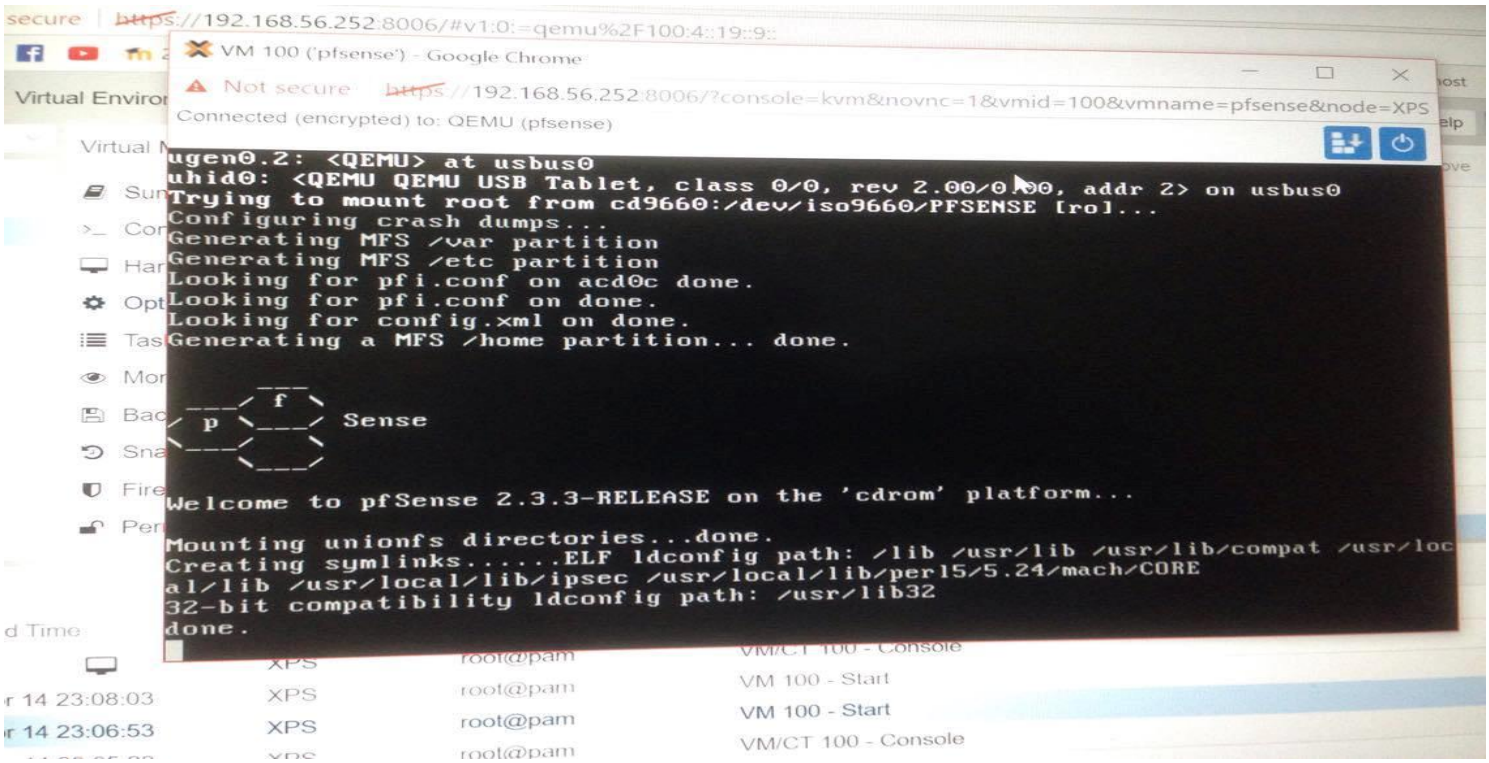
17th Step
Modify the RAM or Memory for the virtual machine. I used the default settings.



18th Step
Configure the Network settings. I used the default settings.

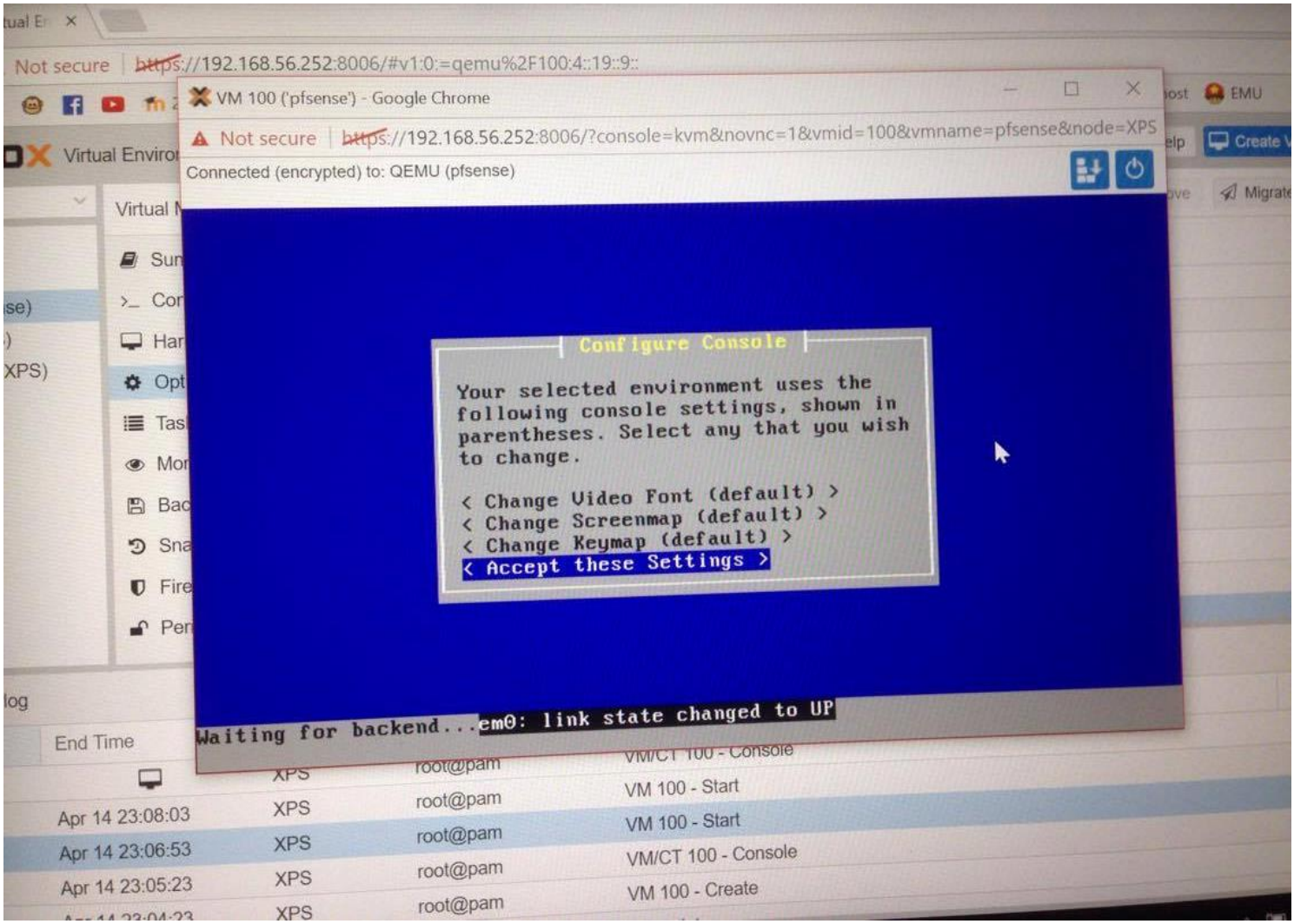


19th Step
After modifying the settings for the virtual machine, click the start then go to the console to see the installation for pfsense.

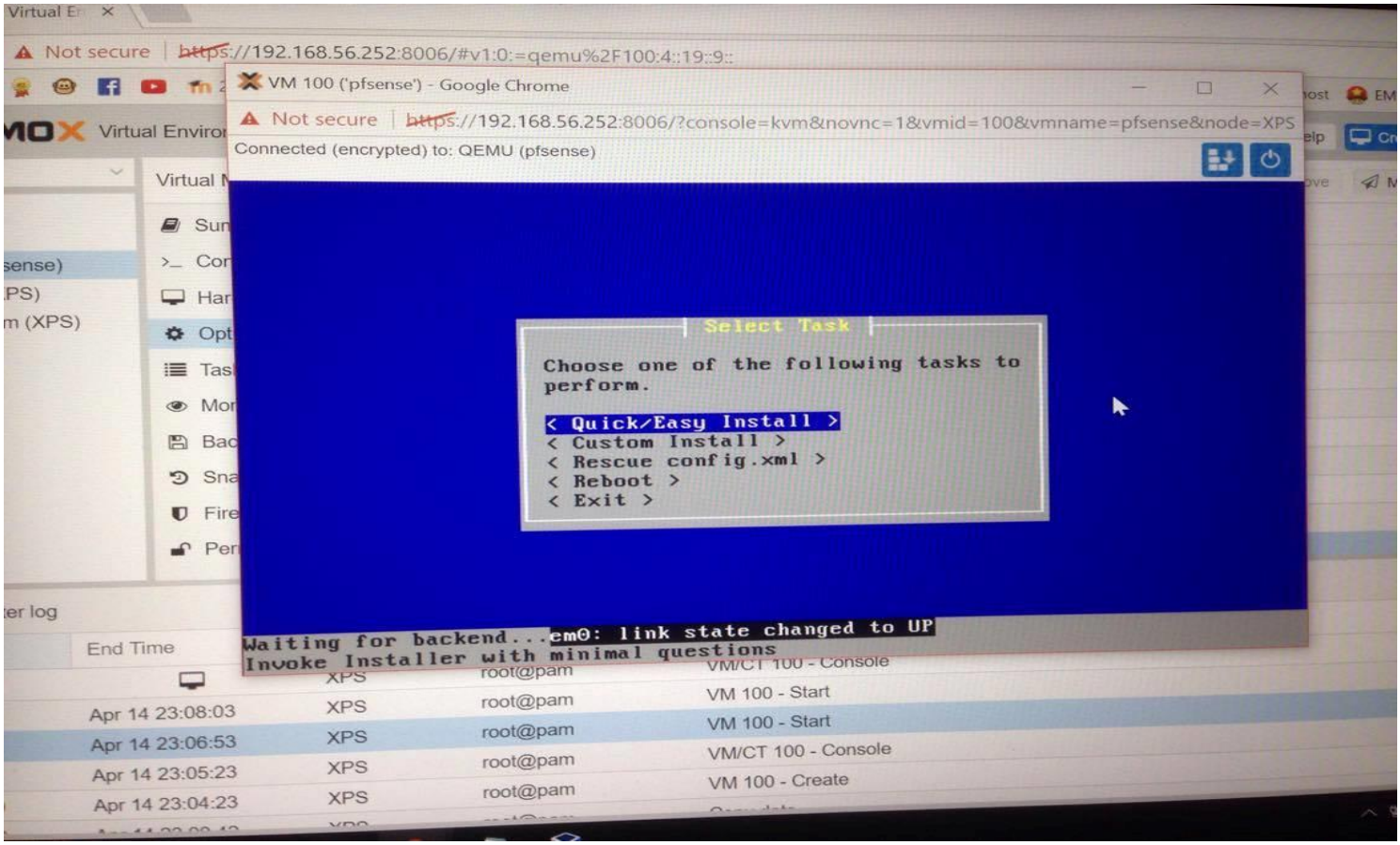


20th Step

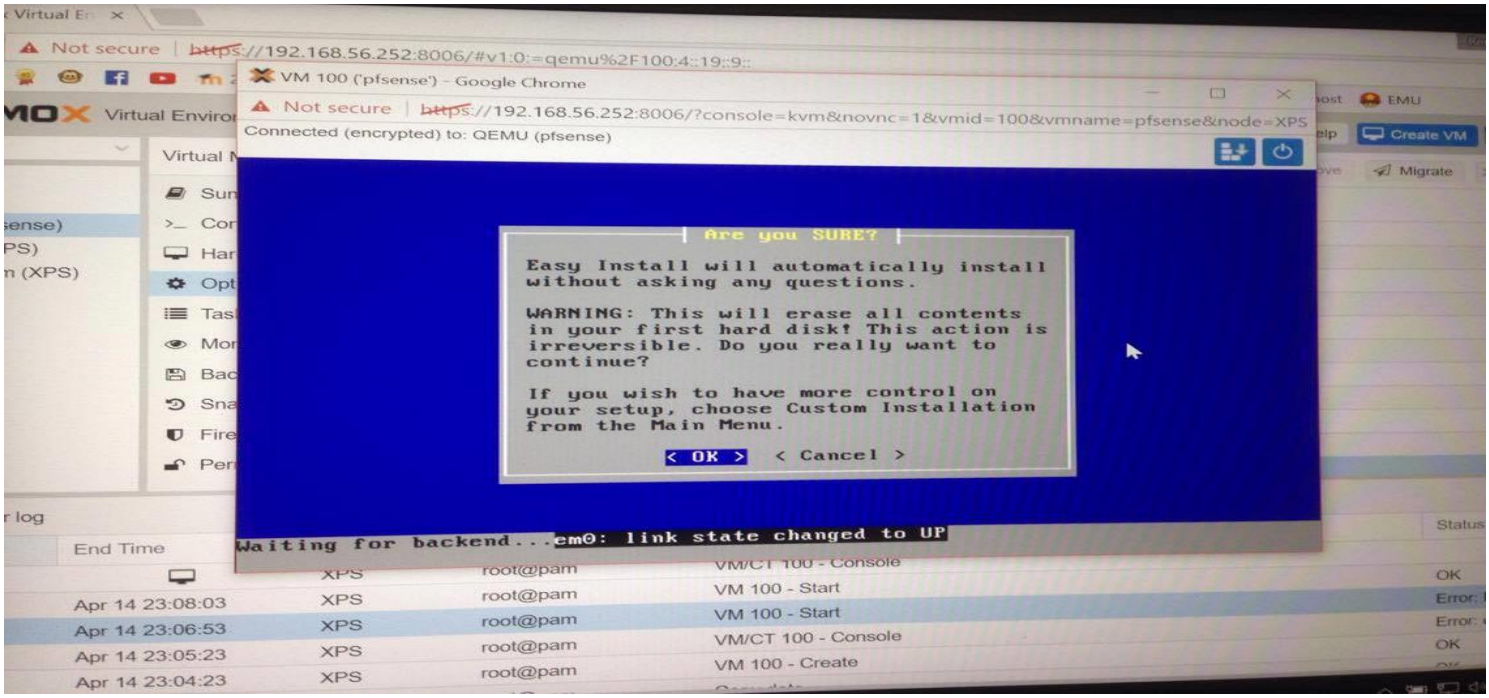
Choose the 3rd option and press enter to continue the installation for pfsense.



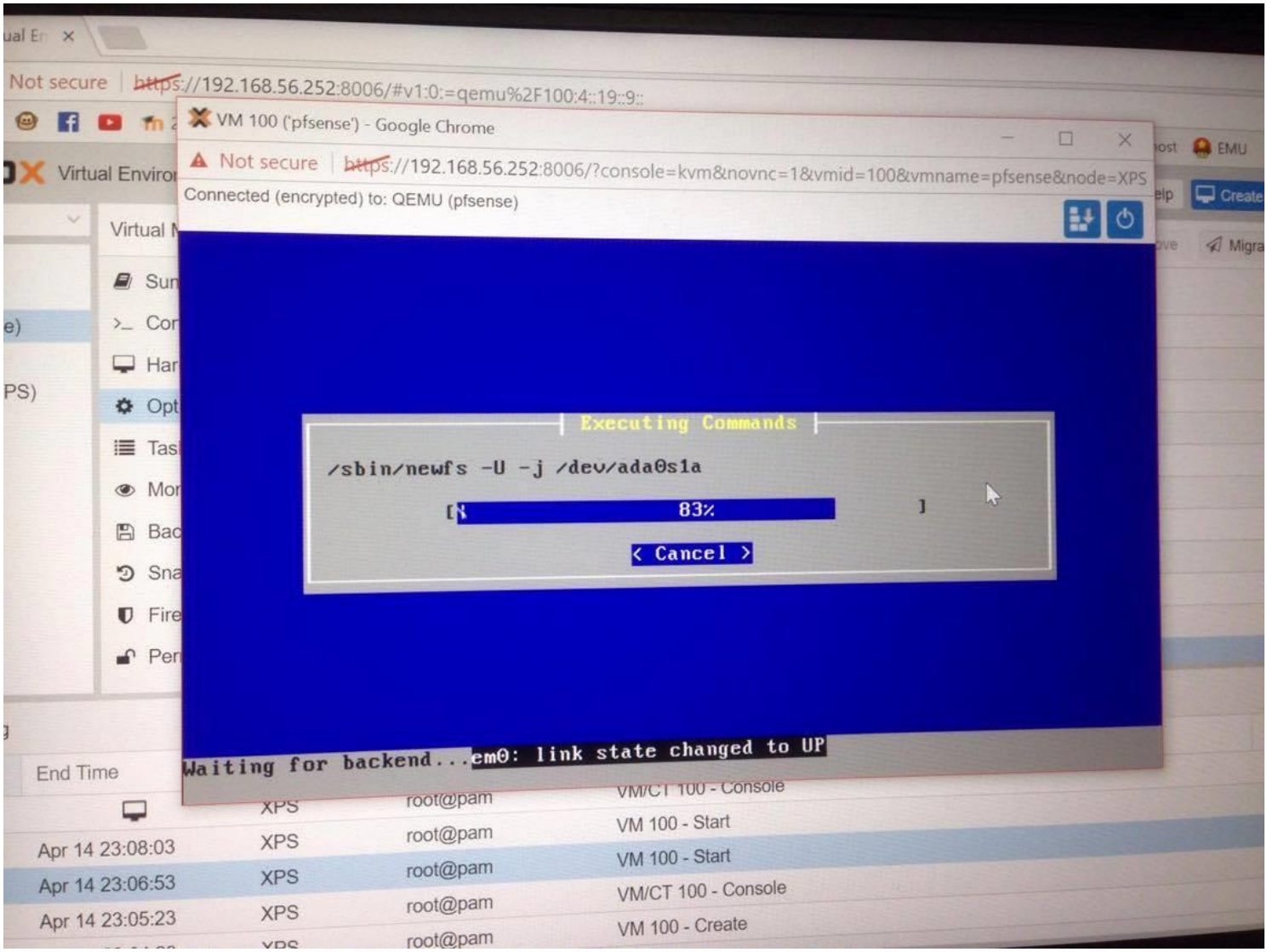
21st Step
Select the first option and press enter.



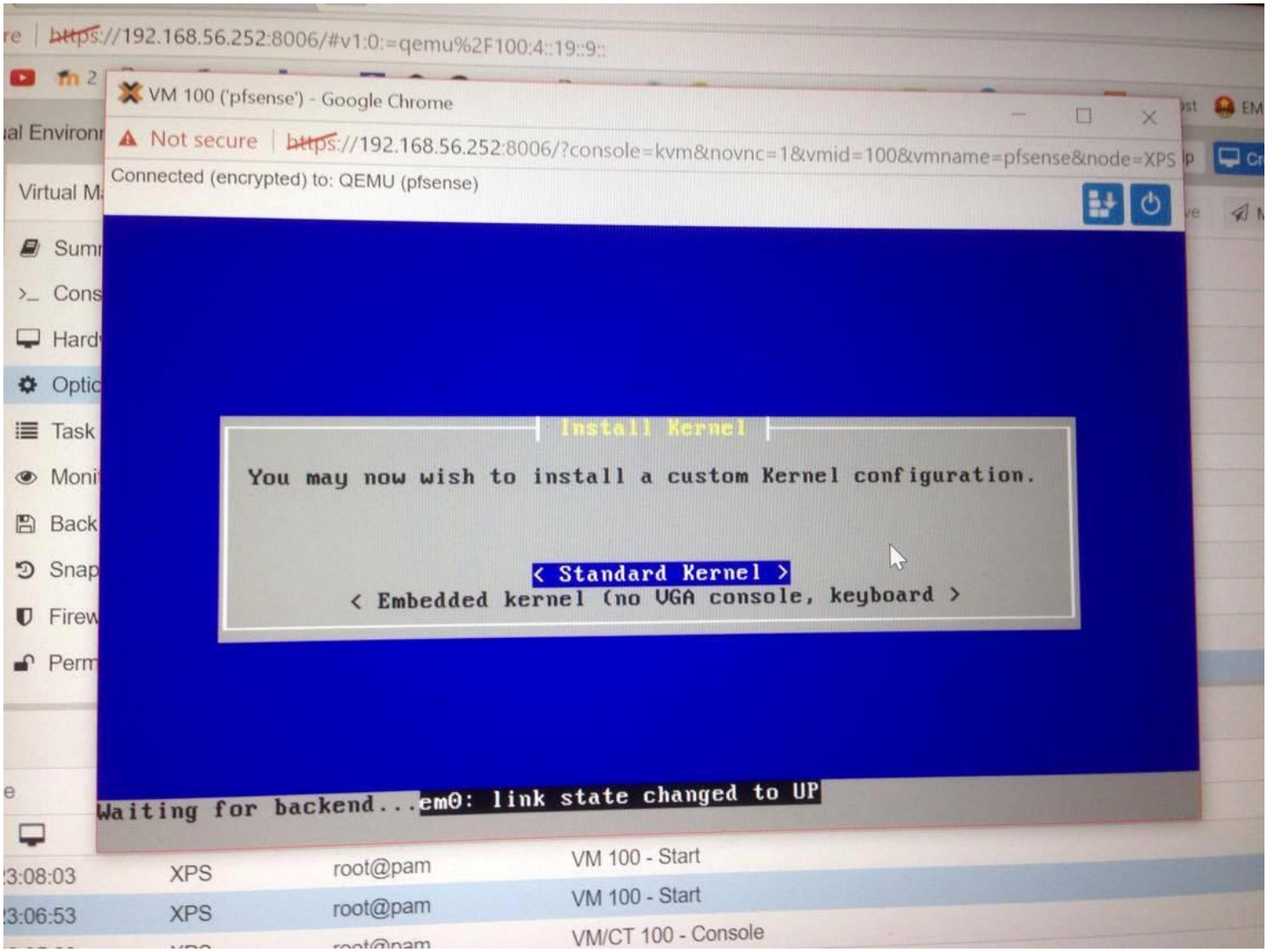
22nd Step
Select ok and press enter to start the installation.



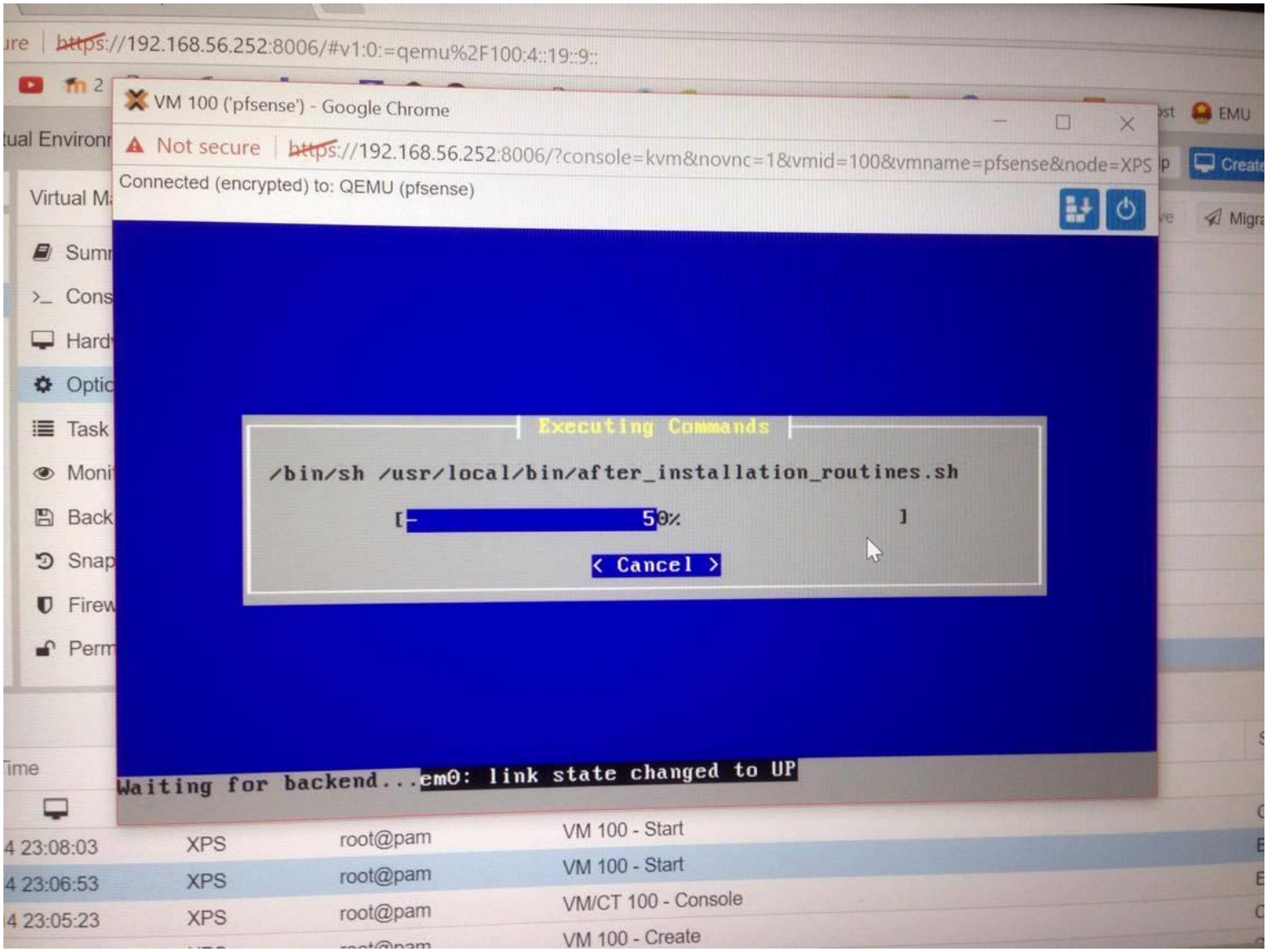
Wait until finish.



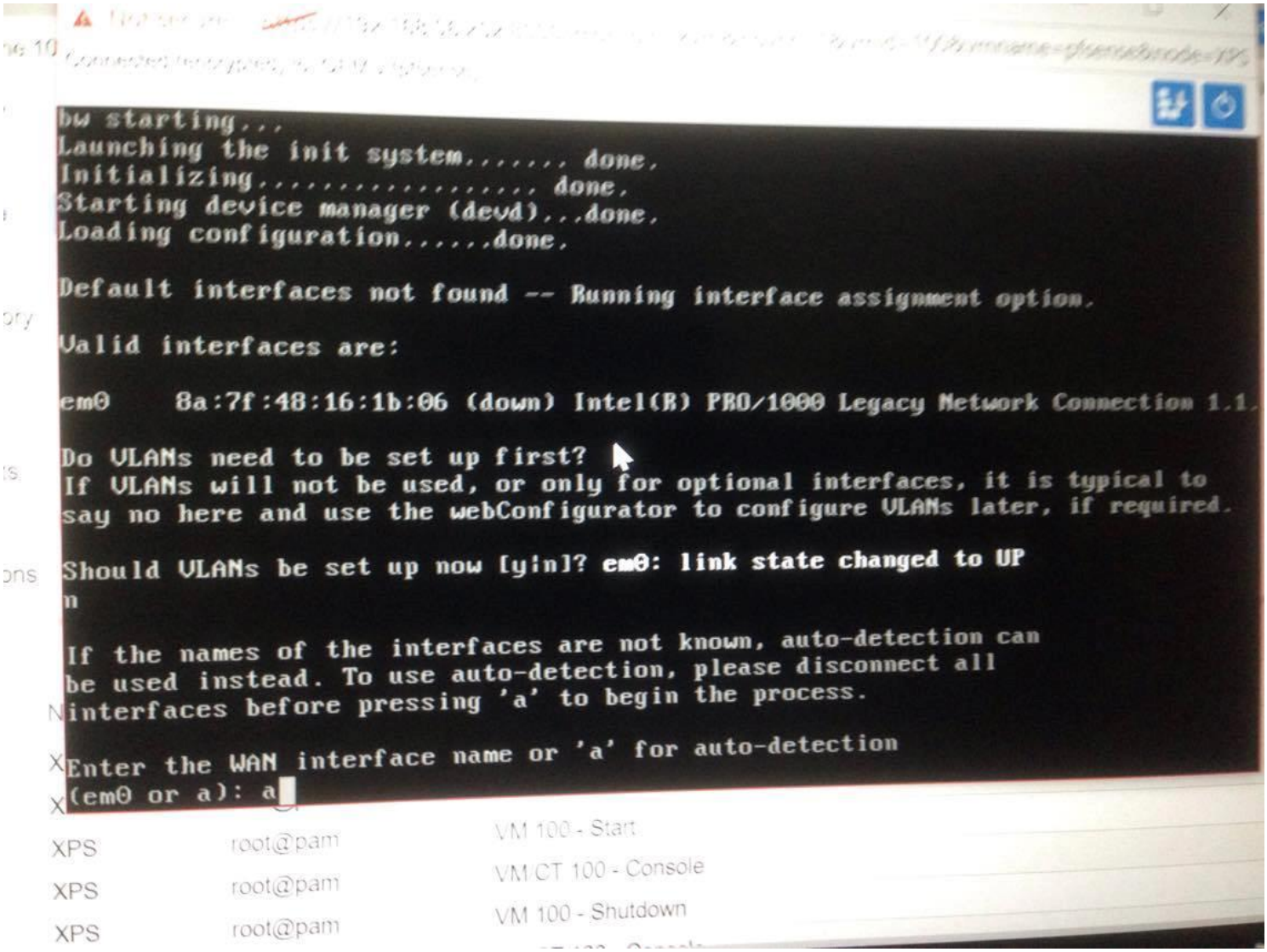
23rd Step
Select the Standard Kernel option and press enter.



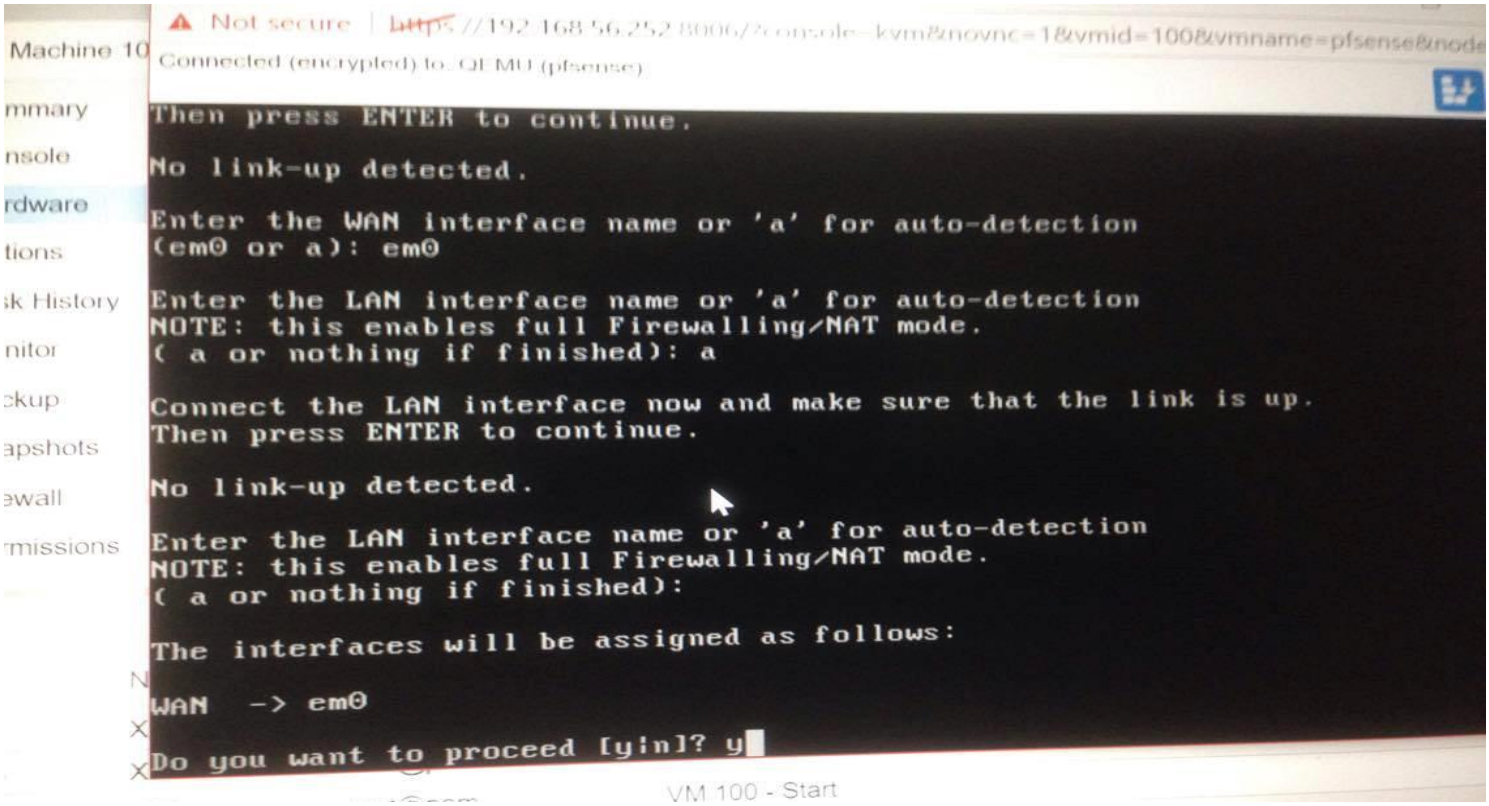
Wait until finish again.



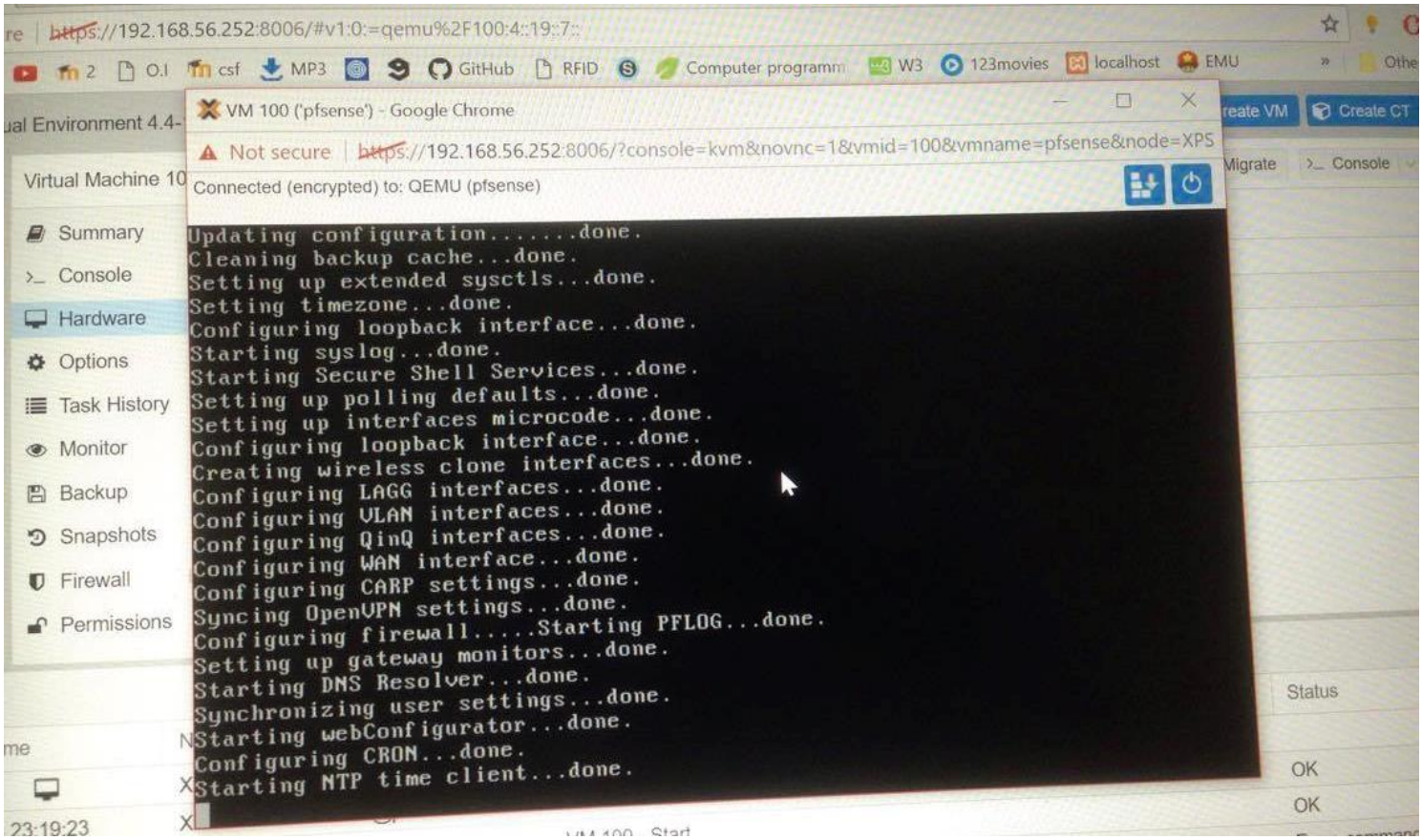
24th Step
Enter the WAN interface name. I used em0.



25th Step
Enter nothing for LAN interface name to proceed.



Wait until everything is done.



After everything is done it will continue to the startup for pfsense installation finished.