INSTALLATION AND CONFIGURATION OF PROXMOX

1.Open VirtualBox and click on Machine and New or press CTRL+N to create a new virtual machine

2.

Name: BeLISAC-vm

OS Type: Linux

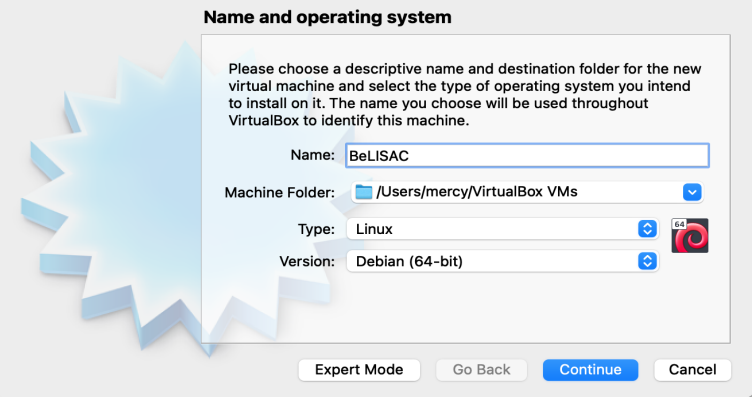
Version: Debian (64 bit)

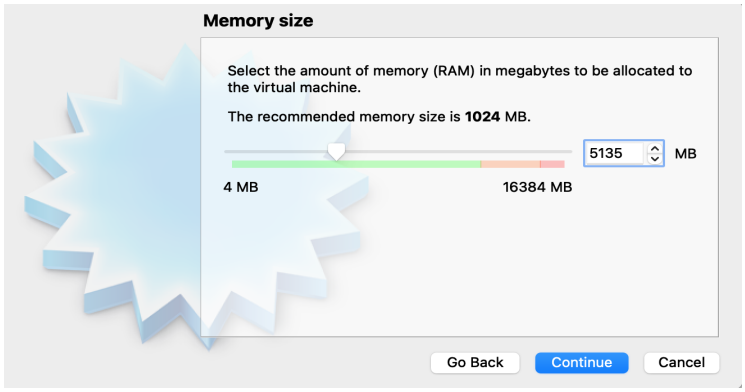
Memory: 5GB

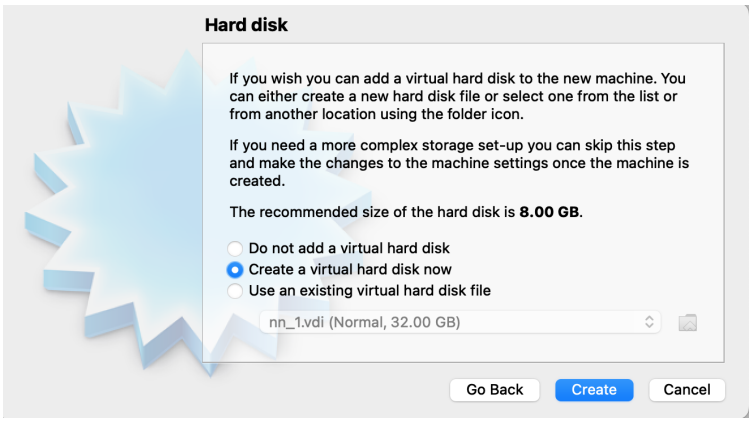
Disk: At least 8GB in size here given size is 20GB

CPU cores- Minimum size 1 here selected number is 4

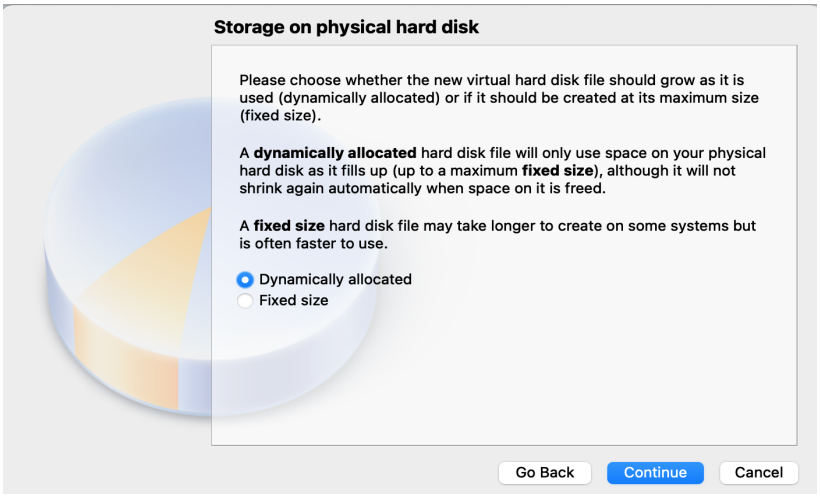
Network adapter-Bridge Adapter

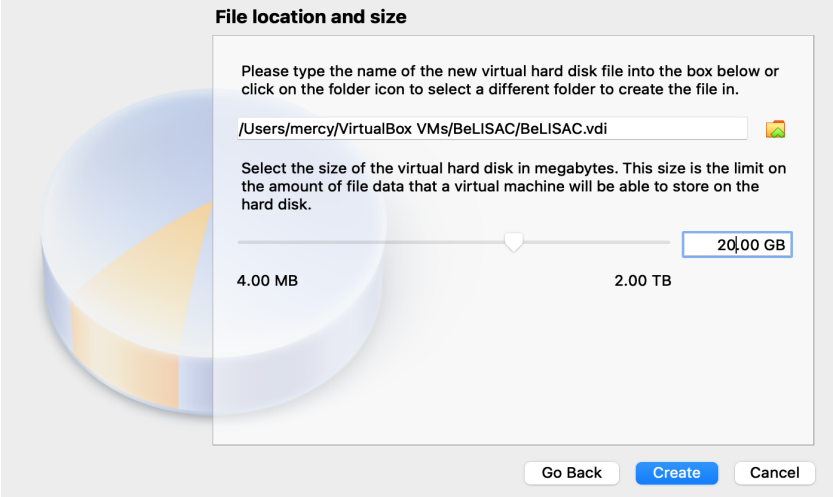



Memory size
Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.
The recommended memory size is 1024 MB.
5135
MB
4 MB
16384 MB
Go Back
Continue
Cancel


Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 8.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
nn_1.vdi (Normal, 32.00 GB)
Go Back
Create
Cancel


Hard disk file type
Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.
VDI (VirtualBox Disk Image)
VHD (Virtual Hard Disk)
VMDK (Virtual Machine Disk)
Expert Mode
Go Back
Continue
Cancel

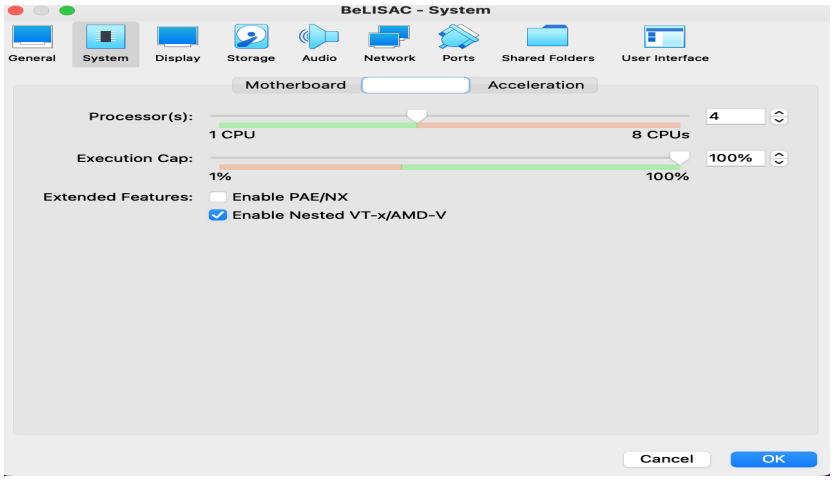




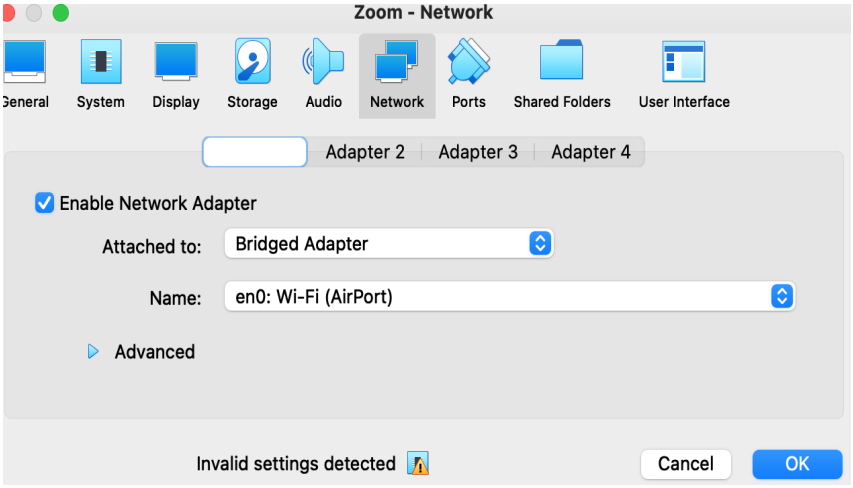
3.After create the VM then click settings and enable the Nested VT-x/AMD-V

Nested virtualization is a feature that allows you to run a virtual machine inside another virtual machine while still using the hardware acceleration from the host system

As you may already know, in order to host guest machines in any system, the CPU should support virtualization technology(VT-X) and the VT-X should be enabled.

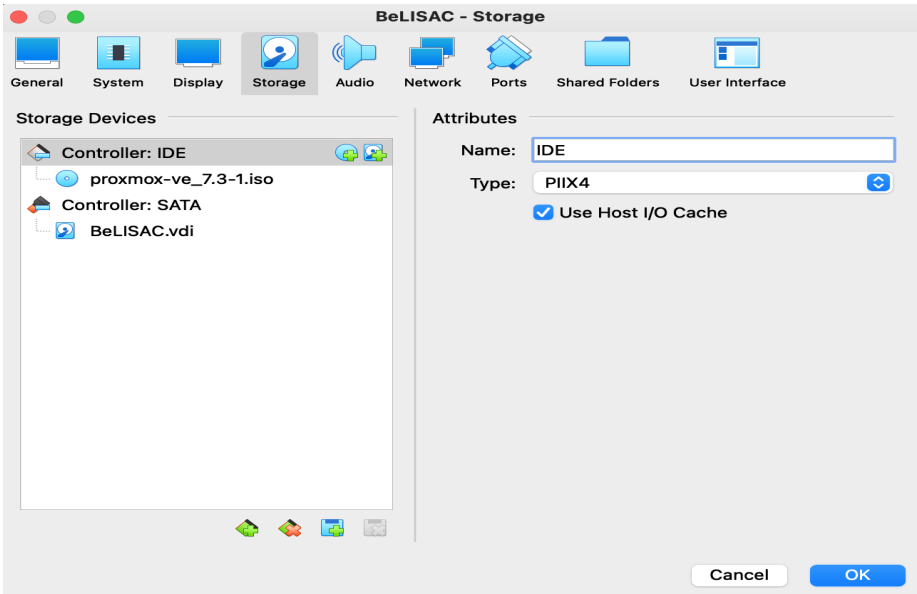


4.Select the Network as Bridge Adapter



5.To install the Proxmox virtual machine in VirtualBox, you need to point to the Proxmox iso file that we downloaded in the virtual CDROM in VirtualBox.

Click on Storage-> Under Empty disk -> Browse for the Proxmox iso image.

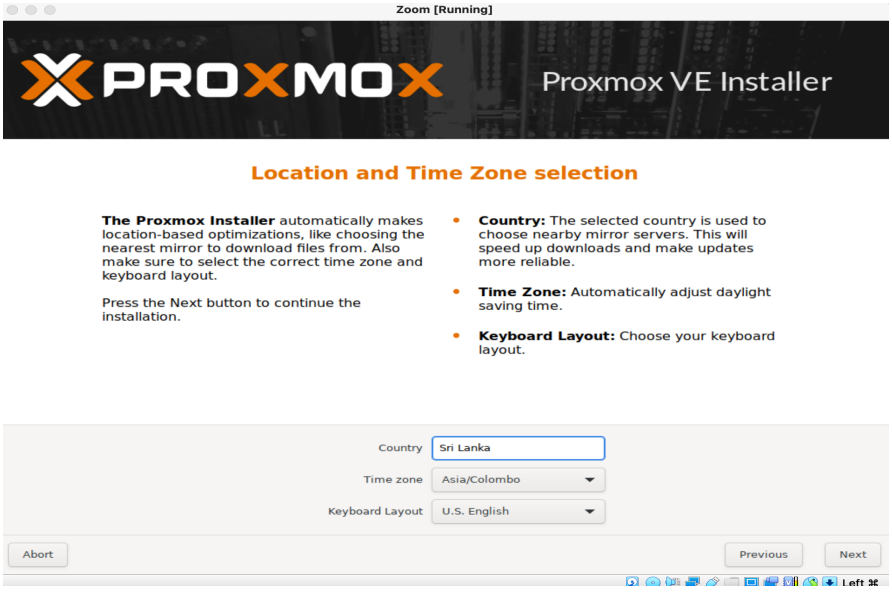


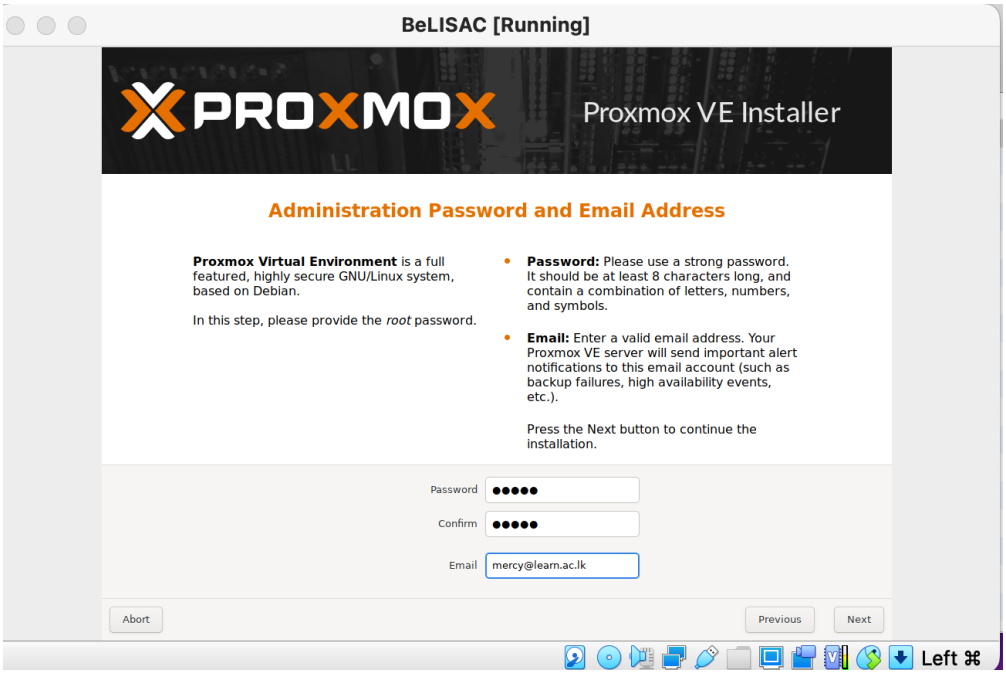
6.We have completed the virtual machine side of the configuration; let's now go ahead and install the Proxmox VE on the VirtualBox.

Right-click on the virtual machine and click on start.

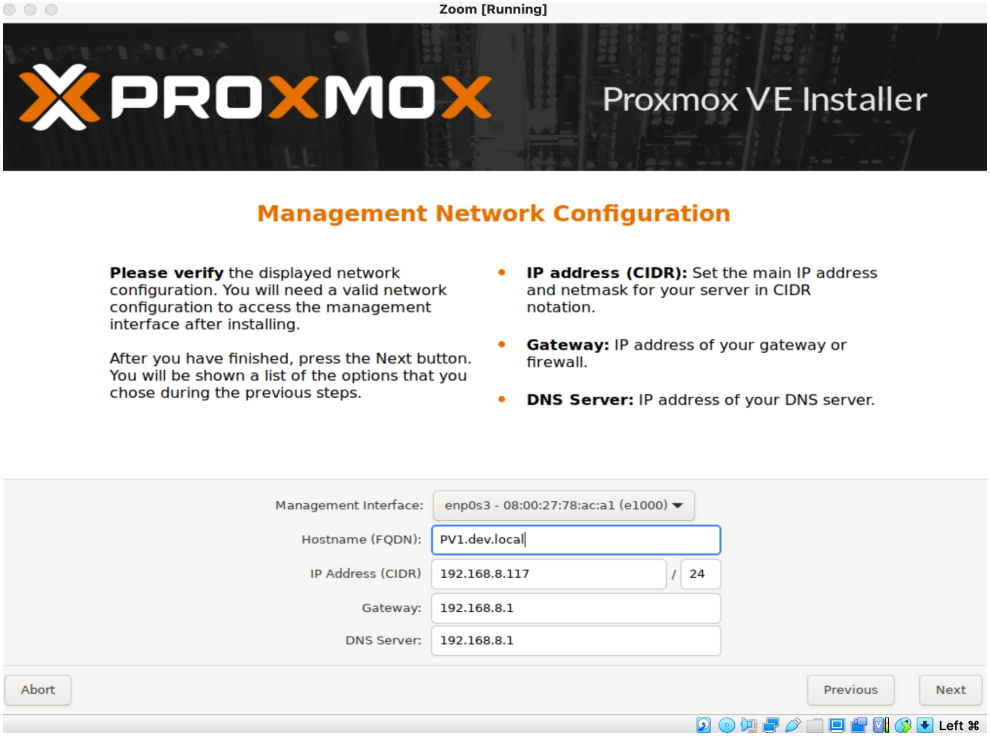
The installation wizard will now open. Choose install Proxmox VE


Zoom [Running]
PROXMOX
Proxmox VE Installer
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.
Target Harddisk:
/dev/sda (20.00GiB, VBOX HARDDISK)
Options
Abort
Previous
Next
Left ⌘

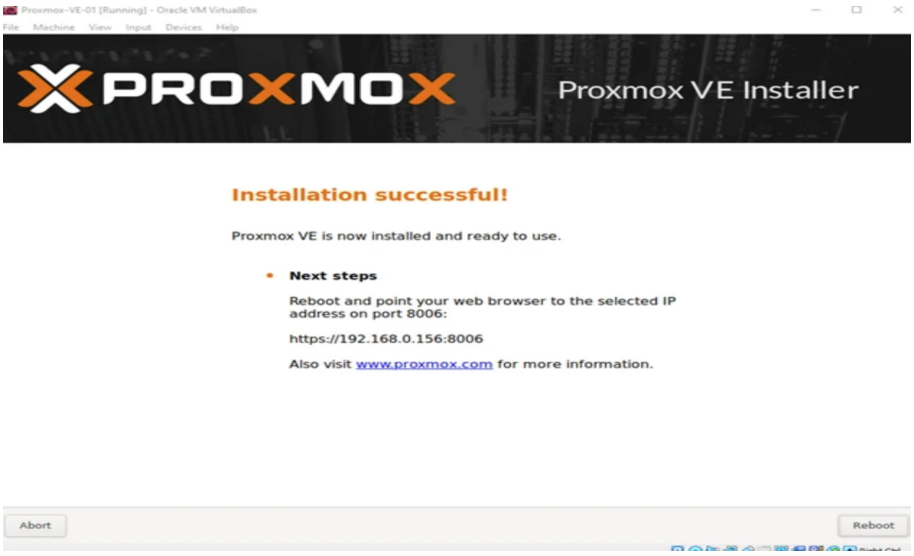

Zoom [Running]
PROXMOX
Proxmox VE Installer
Location and Time Zone selection
The Proxmox Installer automatically makes location-based optimizations, like choosing the nearest mirror to download files from. Also make sure to select the correct time zone and keyboard layout.
Press the Next button to continue 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
Sri Lanka
Time zone
Asia/Colombo
Keyboard Layout
U.S. English
Abort
Previous
Next
Left ⌘



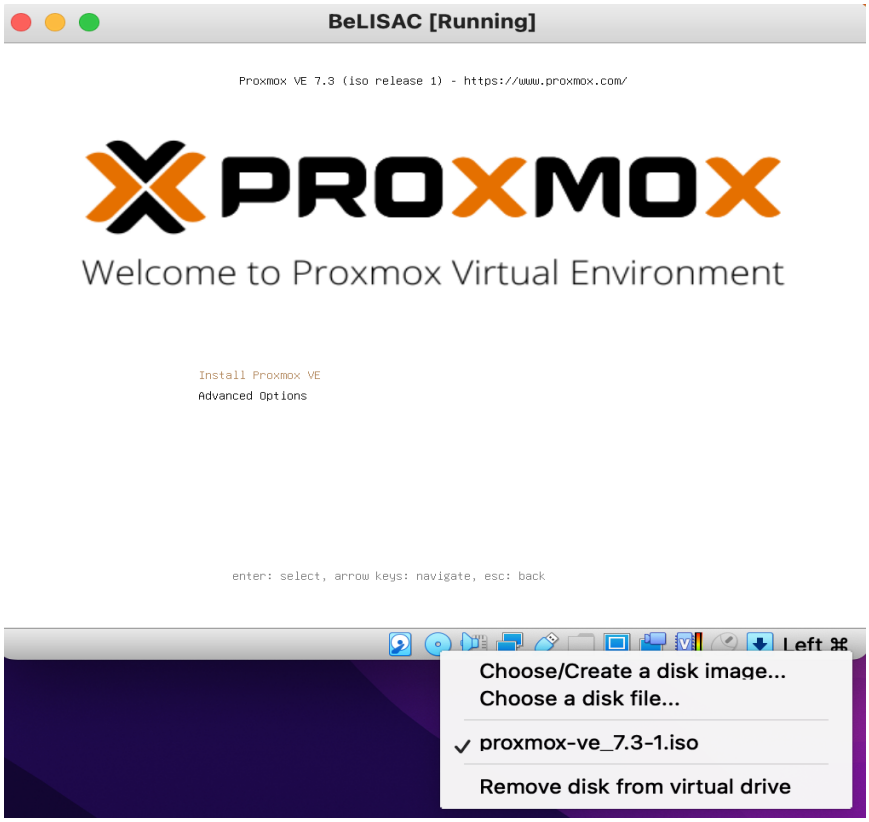
You already have the IP address defined because it was assigned via DHCP, if there is no DHCP, you may configure the IP address manually here and click on Next. If there is no hostname, you may enter that here



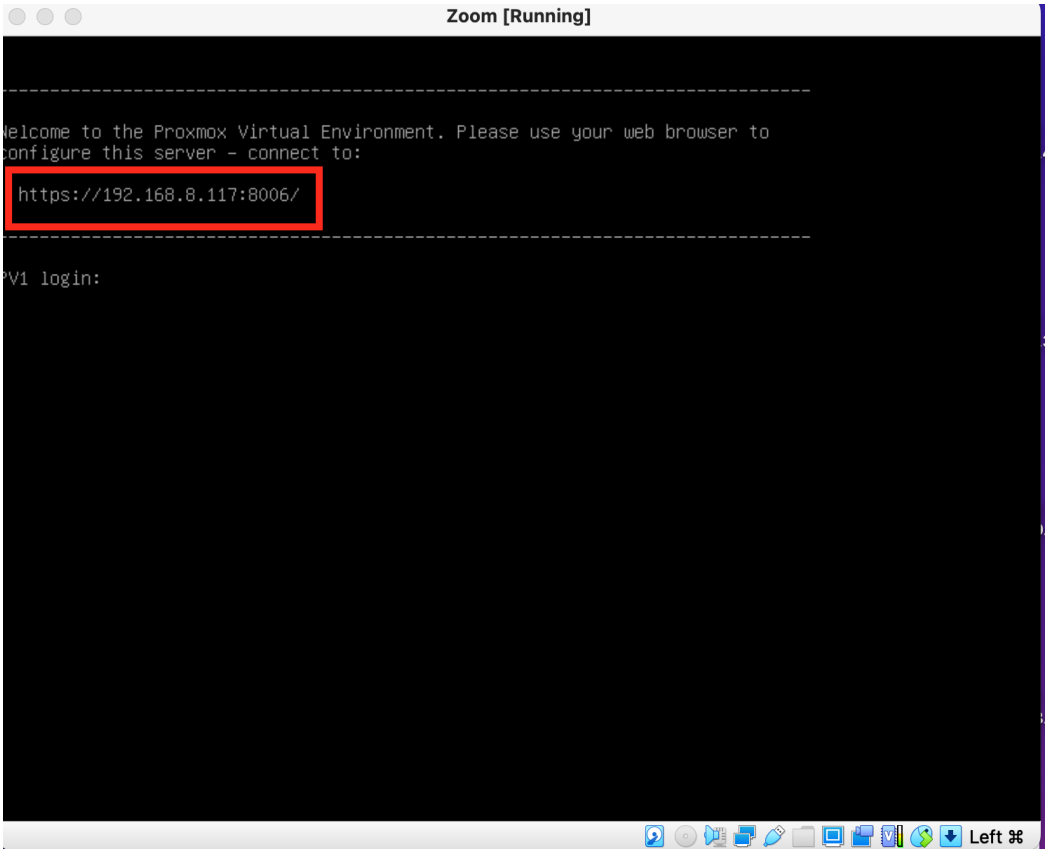
After a few moments, you will see the installation is now complete. Do not click on Reboot yet.



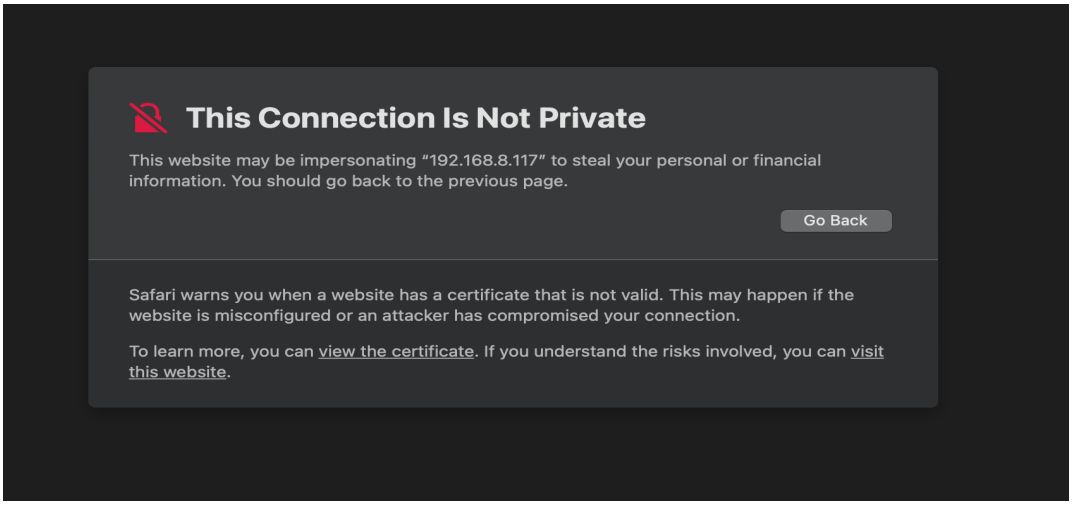
In the Devices-> Optical Drives -> Uncheck the Proxmox iso image that was already checked.After that, you may click on Reboot on the installation wizard.

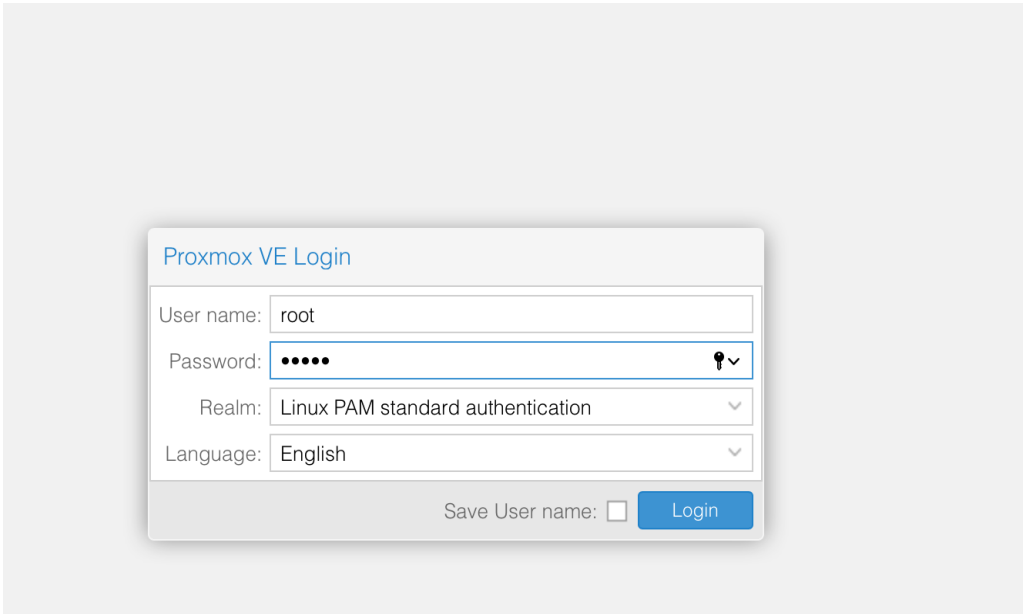

BeLISAC [Running]
Proxmox VE 7.3 (iso release 1) - https://www.proxmox.com/
PROXMOX
Welcome to Proxmox Virtual Environment
Install Proxmox VE
Advanced Options
enter: select, arrow keys: navigate, esc: back
Left ⌘
Choose/Create a disk image...
Choose a disk file...
proxmox-ve_7.3-1.iso
Remove disk from virtual drive

In a few seconds, you will see the Proxmox server will load and You will get the below screen, where it shows the URL to access the web GUI of the Proxmox server and the login prompt.



You will get a security warning which is expected. You may ignore that and continue




Proxmox VE Login
User name:
root
Password:
Realm:
Linux PAM standard authentication
Language:
English
Save User name:
Login