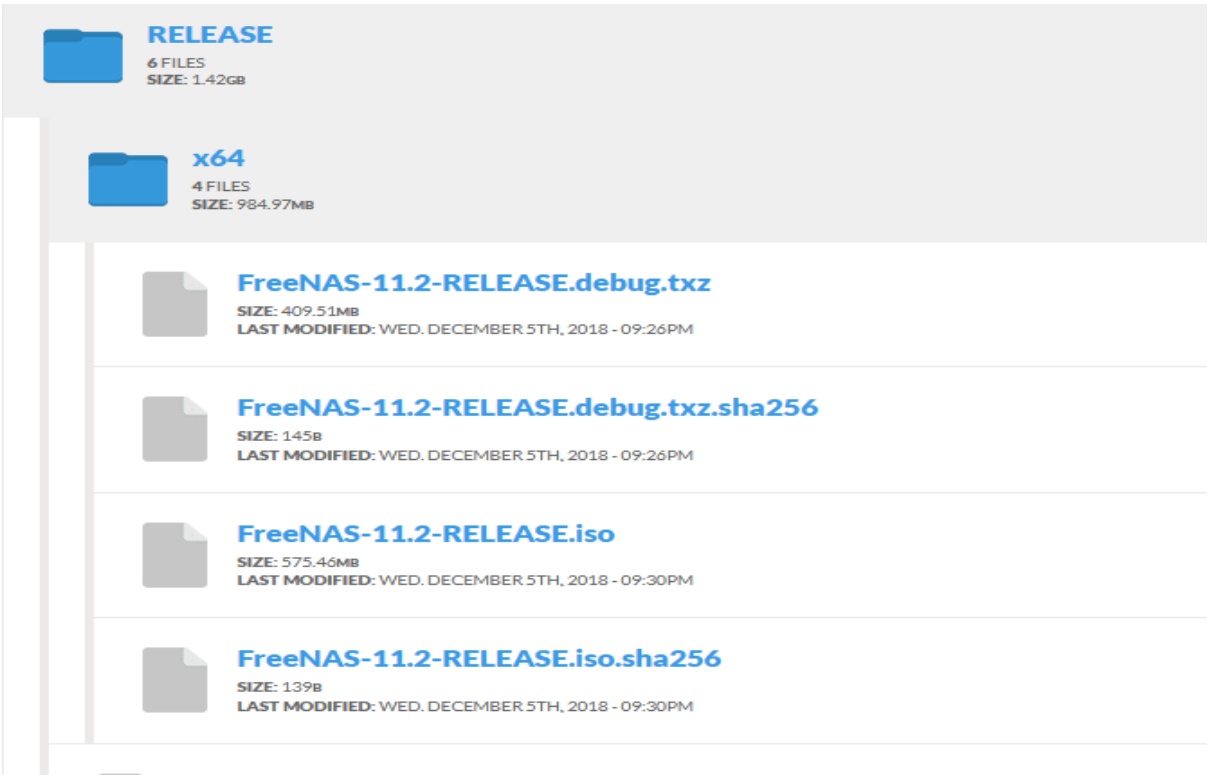
Apoorva s
231047026

Freenas installation in ubuntu

step 1: Download vm-palyer 17 pro
Downloads Virtual machine form https://www.techspot.com/downloads/4481-virtualbox.html .
After download go to downloads select the downloaded vm thenk right click give permission.

Step 2: Download freenas i.e freenNAS-11.2-RELEASE.iso
Download frees for linux in https://download.freenas.org/11.2/STABLE/RELEASE/x64/FreeNAS-11.2-RELEASE.iso

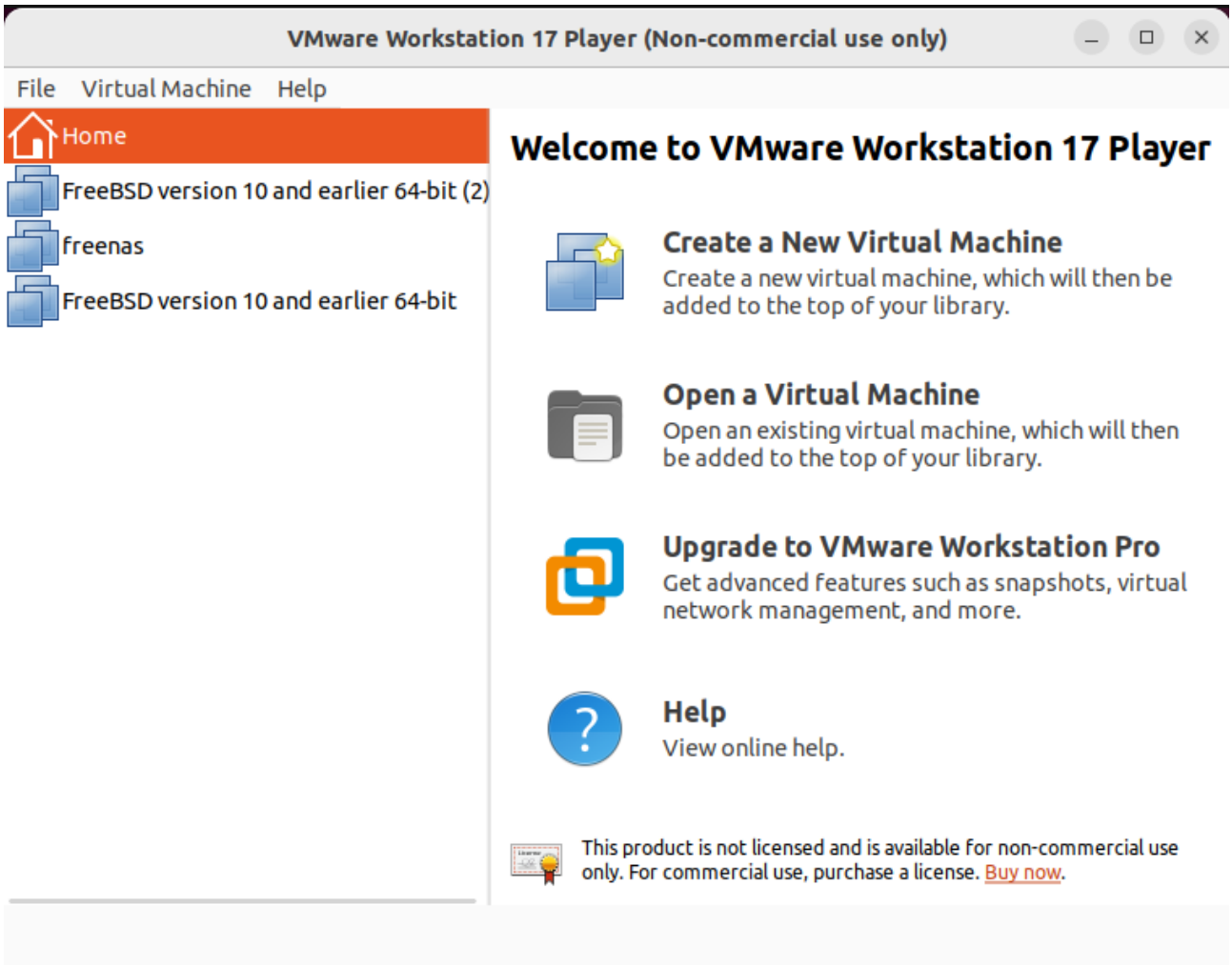


Step 3: go to terminal and install virtual machine
-sudo ~/Downloads/Vmware-Player*

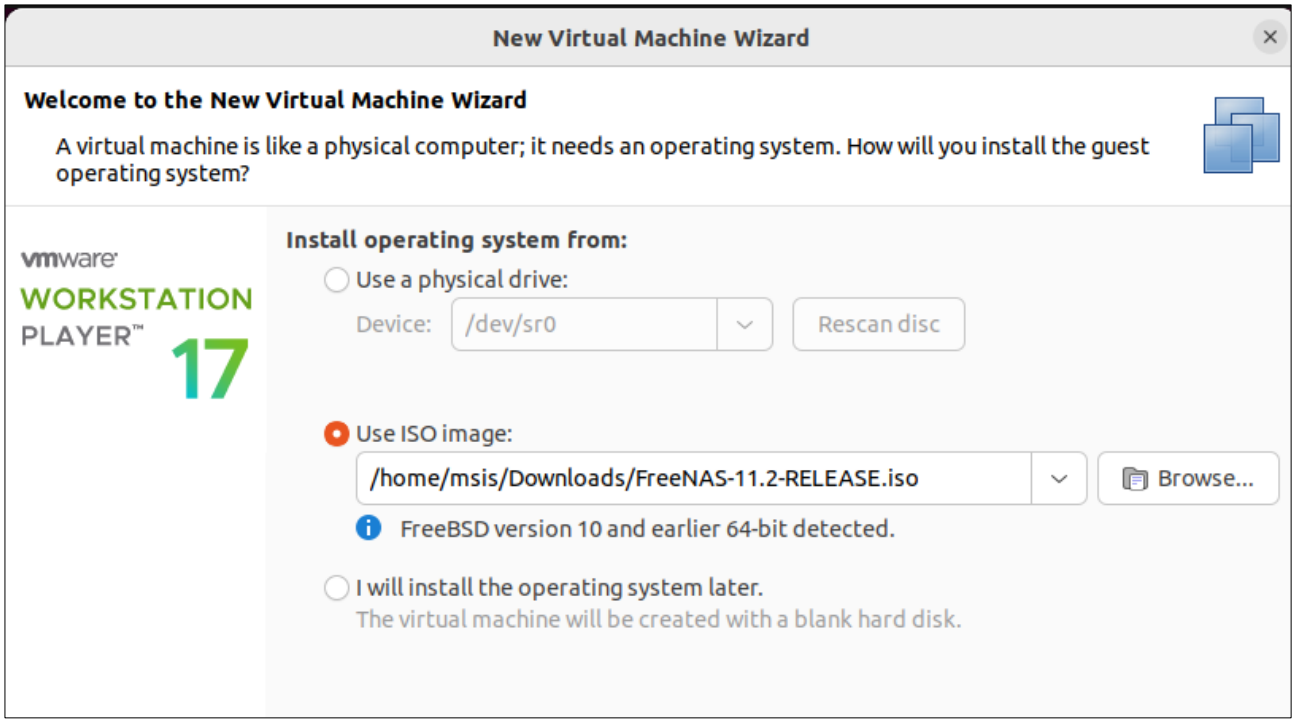
```
msis@k8worker2:~$ sudo ~/Downloads/VMware-Player*
Extracting VMware Installer...done.


[########################################################################] 100%
The system is up to date.  Nothing has been modified.
```

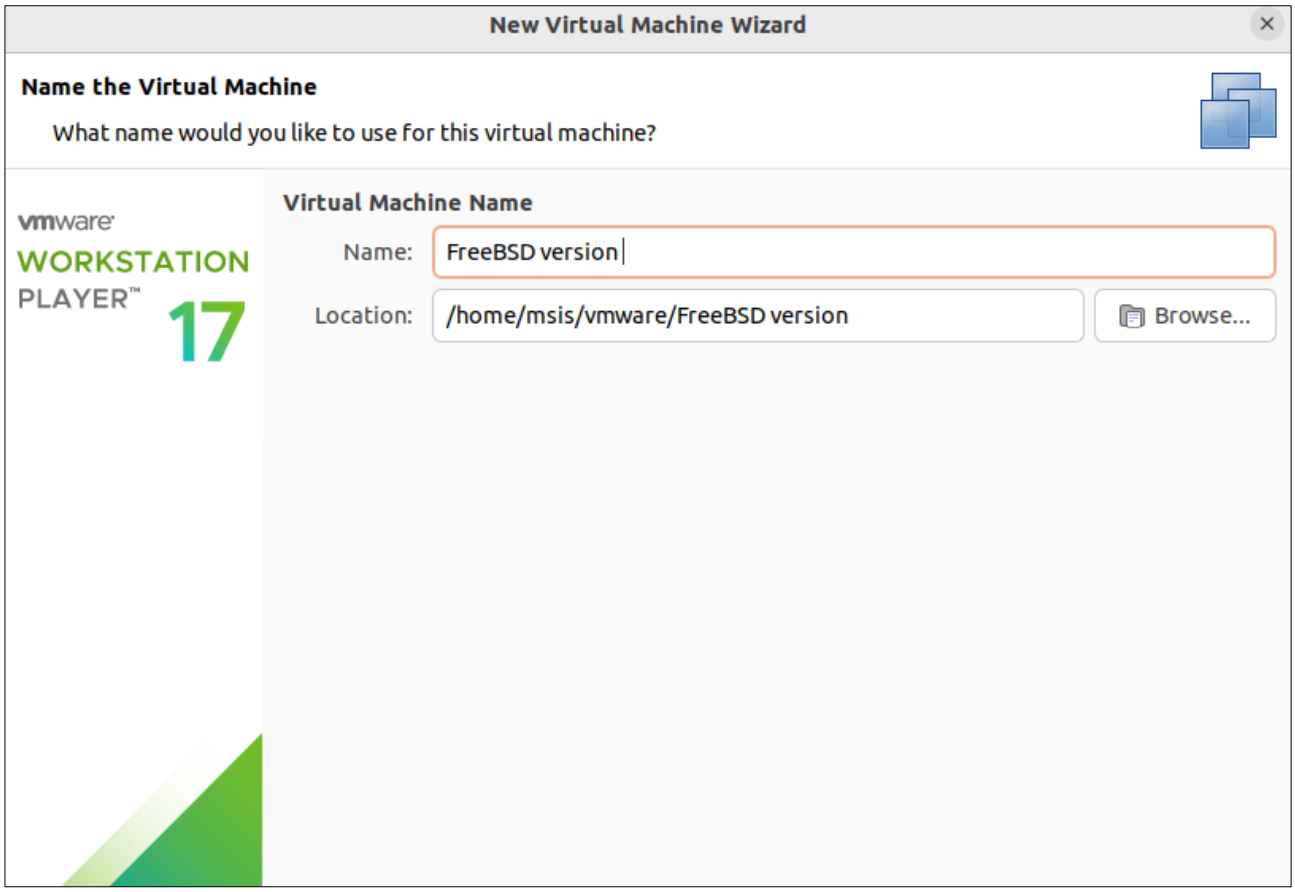
step 4: Go to vmware and click on the create a new virtual machine



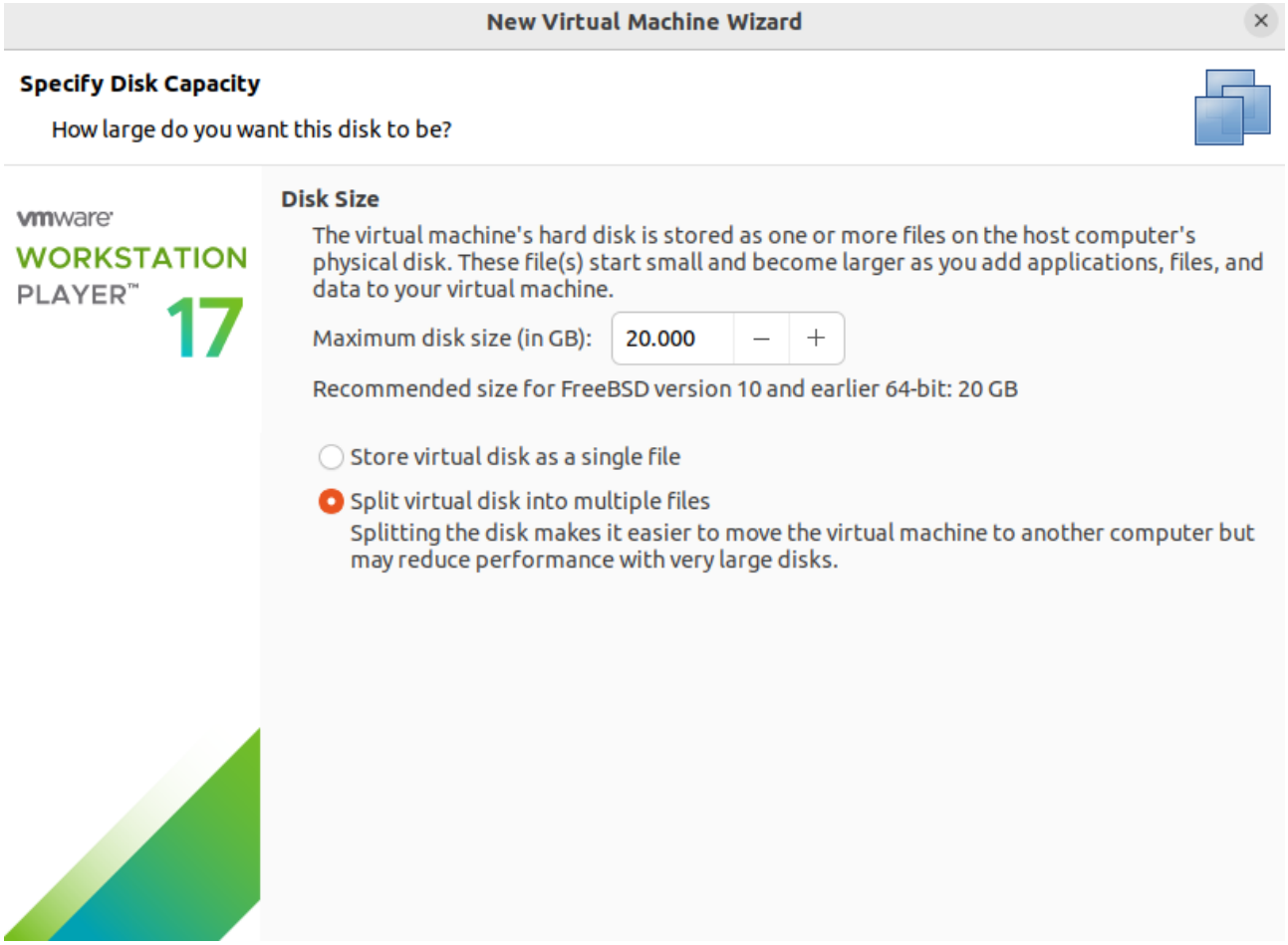
Then select the Installer disc image file i.e. freenas file. After choosing click on next.



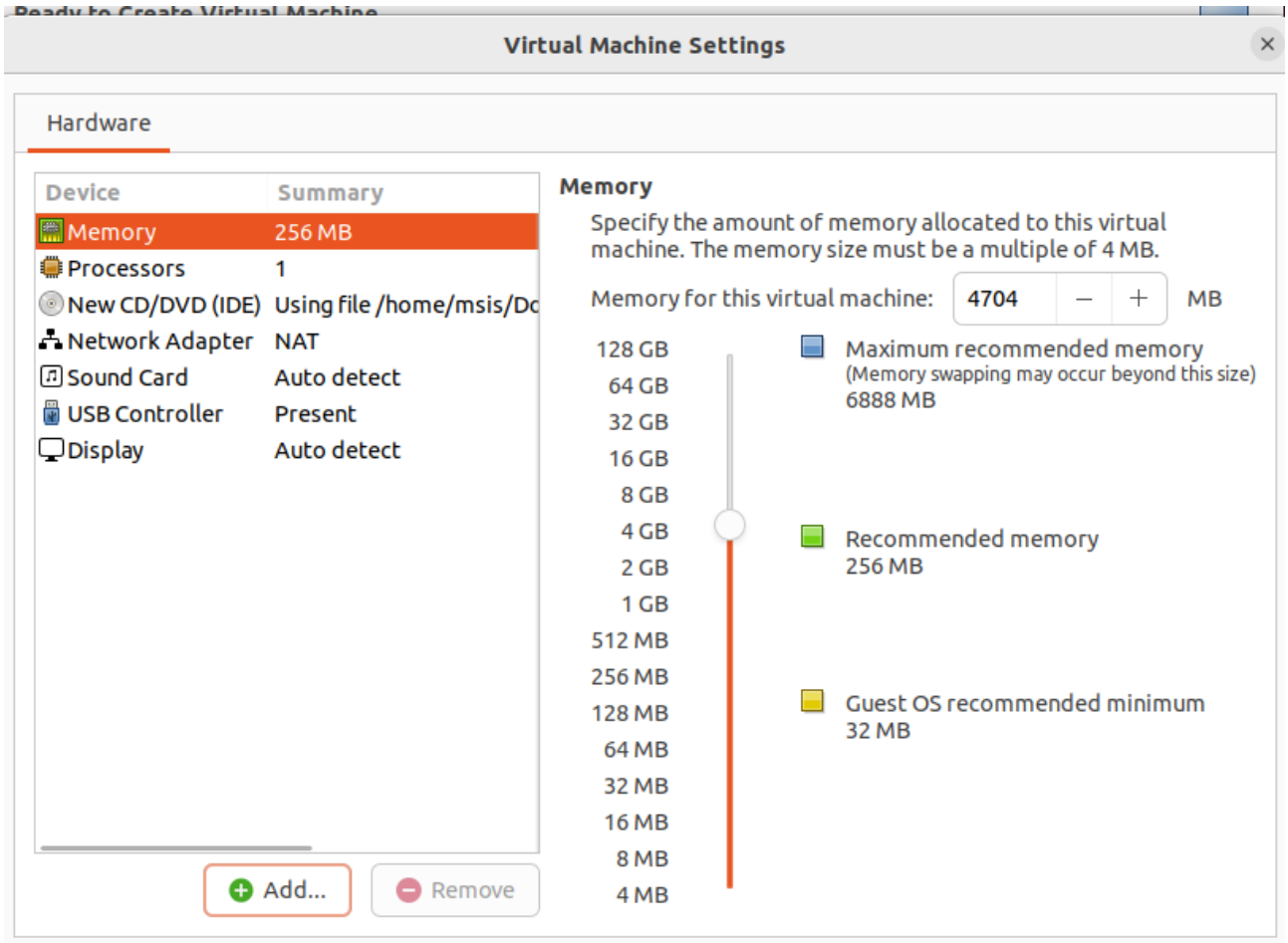
Give name and add location and the click on next.



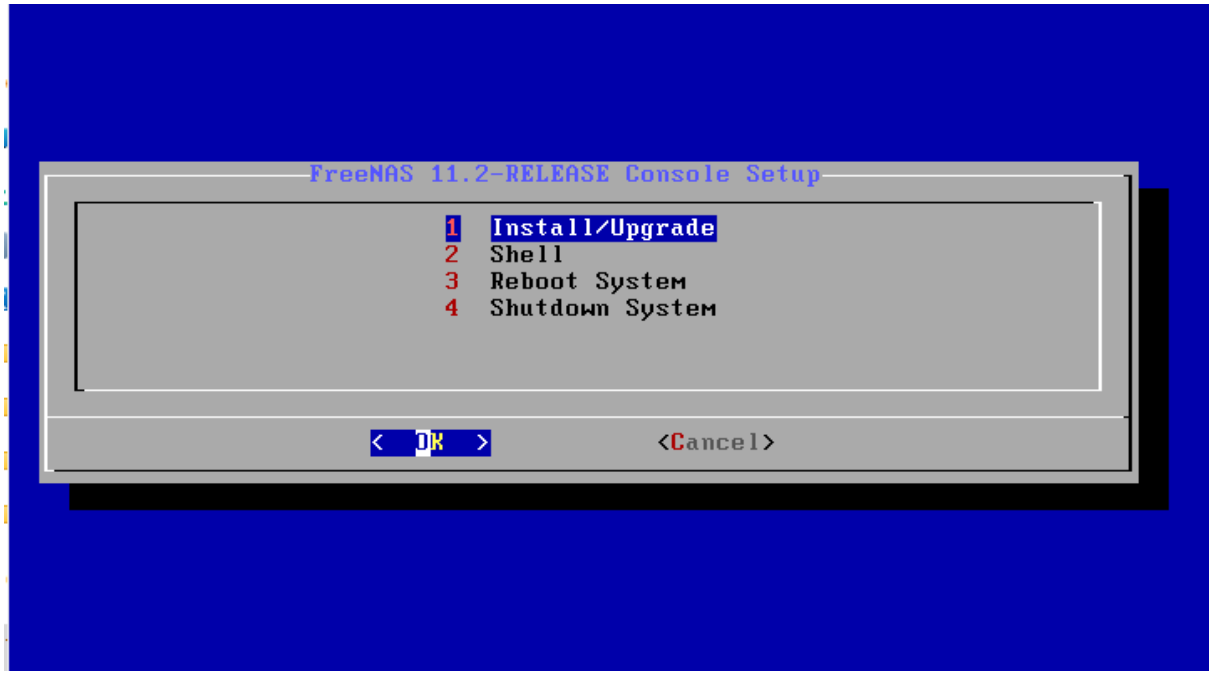
Then give 20GB to memory.



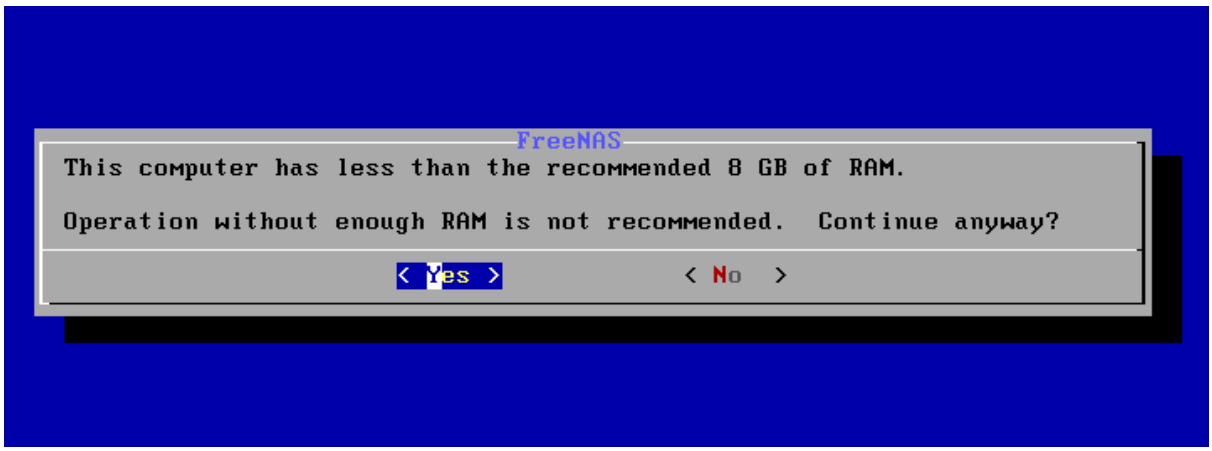
Then click on the customized hardware
Then add 4GB to memory



After this give finish then you will get the install and upgrade page

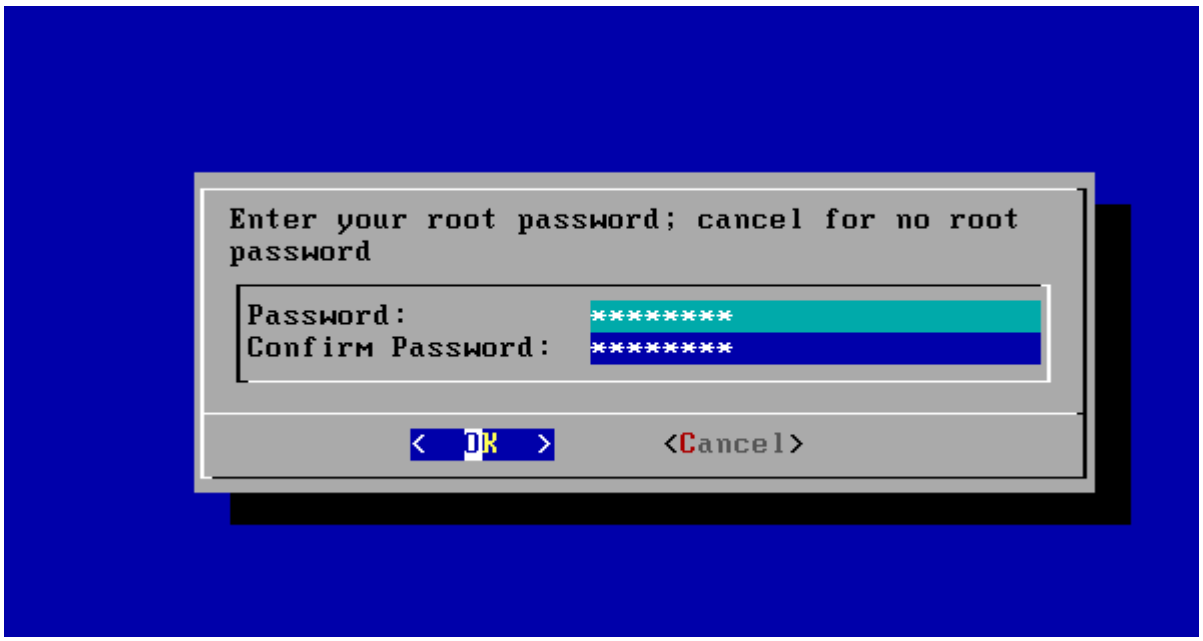


Click on the Install and Upgrade then click ok
For inside work click ctrl+g
For outside the vm click ctrl+alt
Give yes

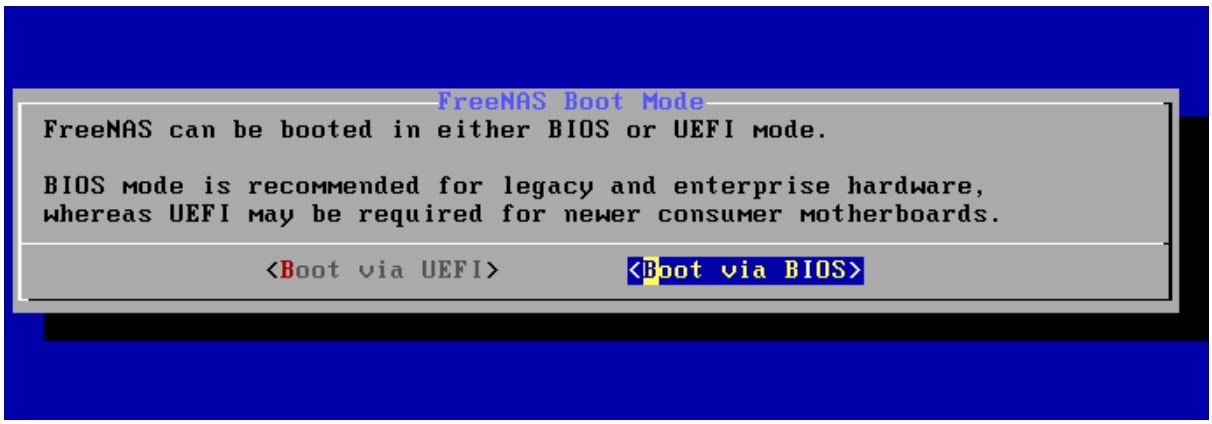


Then press space in the keybord for apply * on the blank space thenk click ok

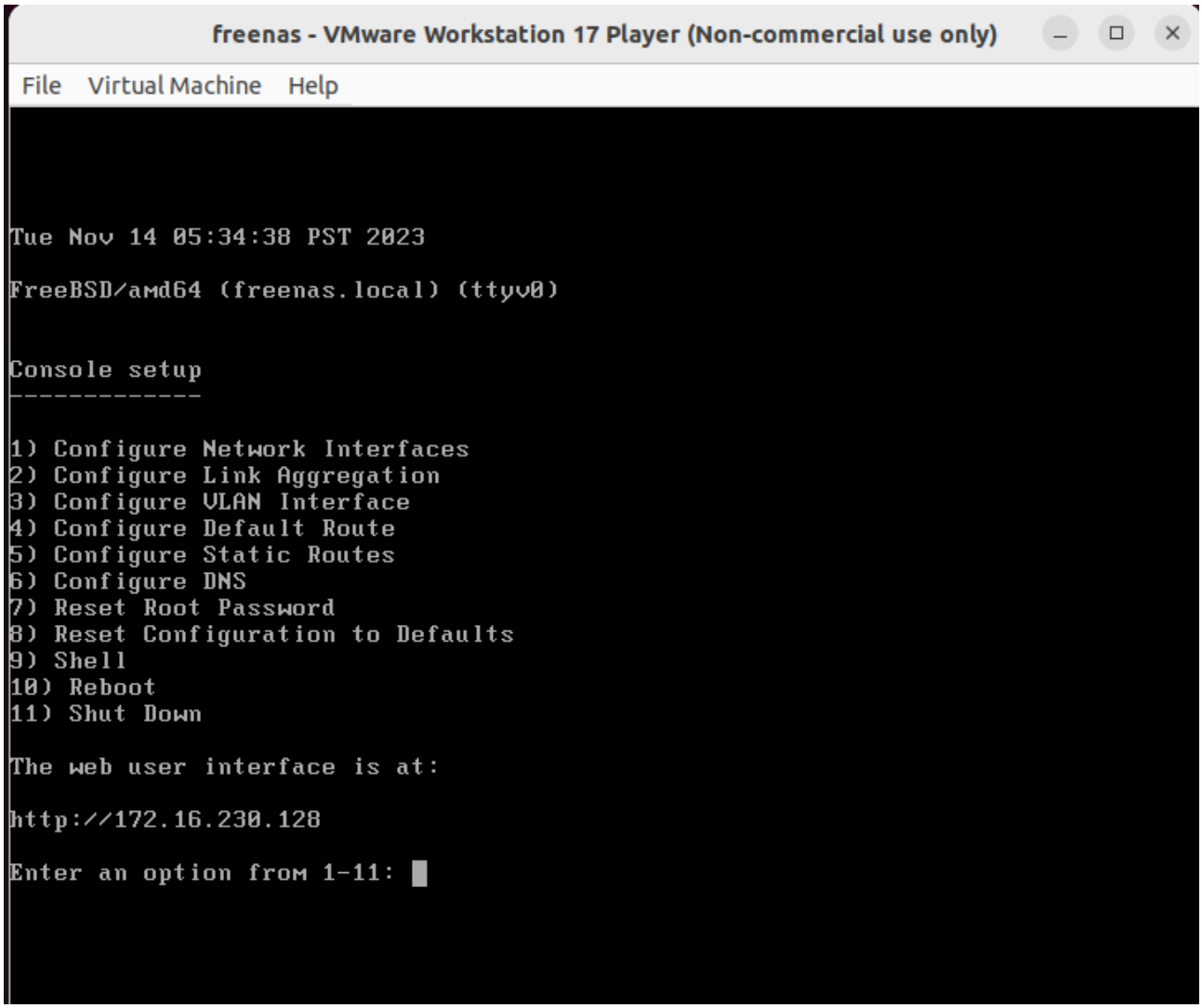
Then give the password(sois@123)-> ok



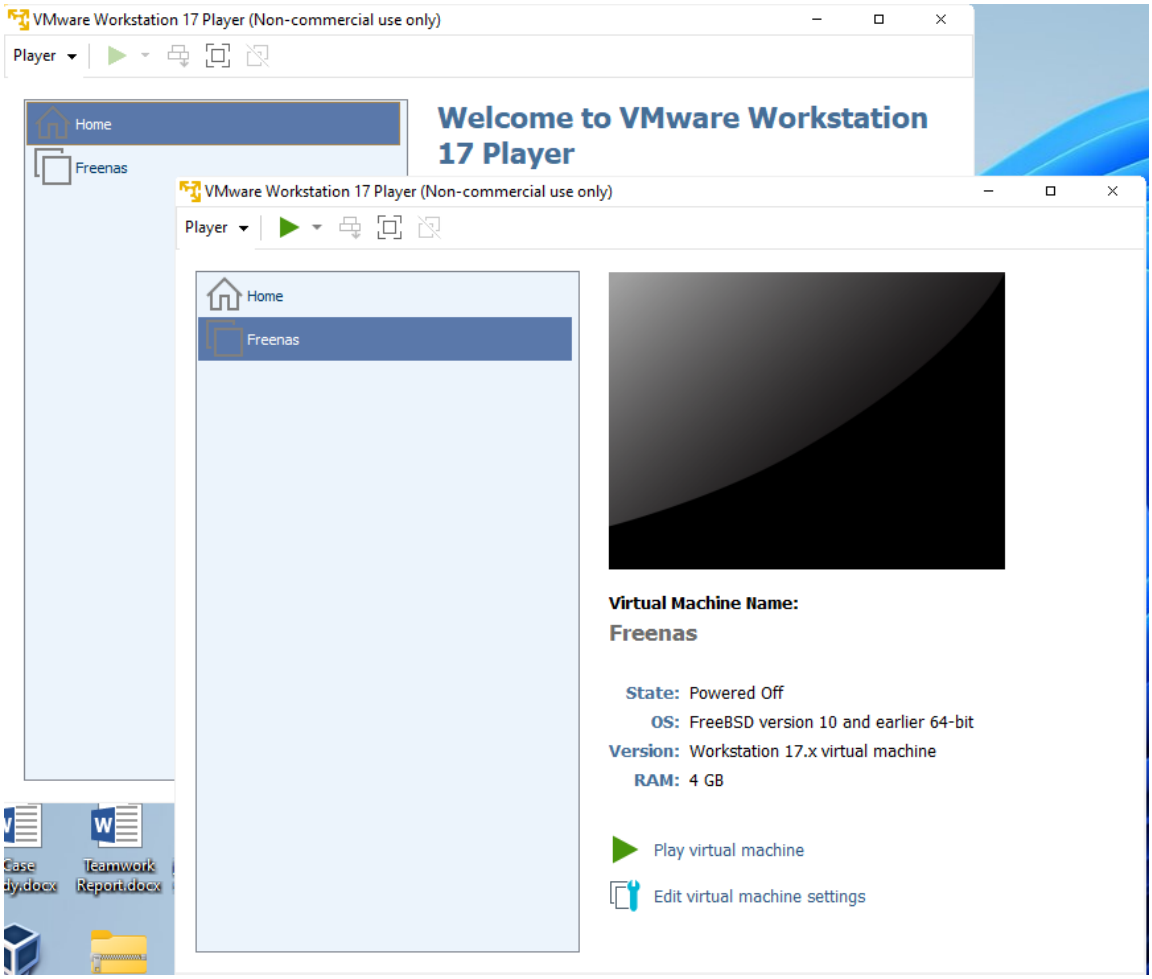
Then click on the Boot via BIOS



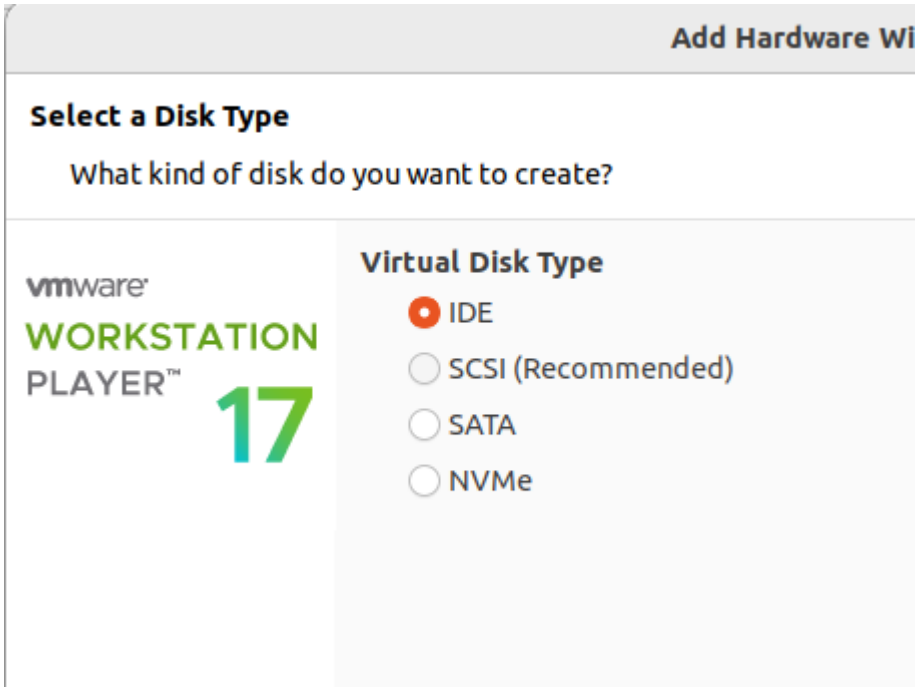
Then it will boot the you will get the ip address



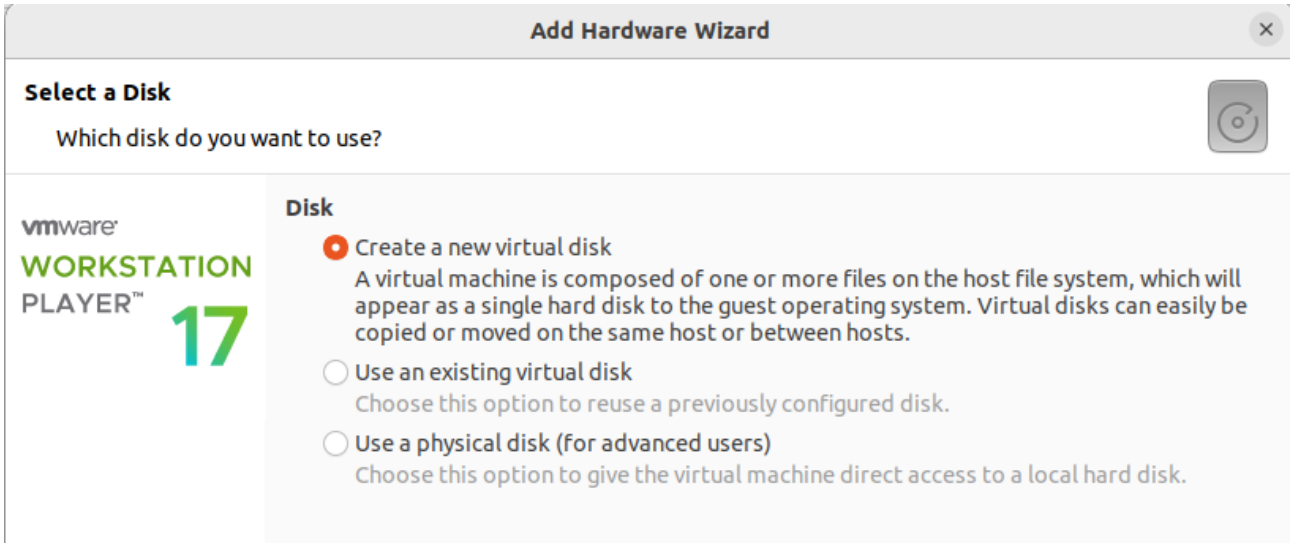
For that go to edit vm settings



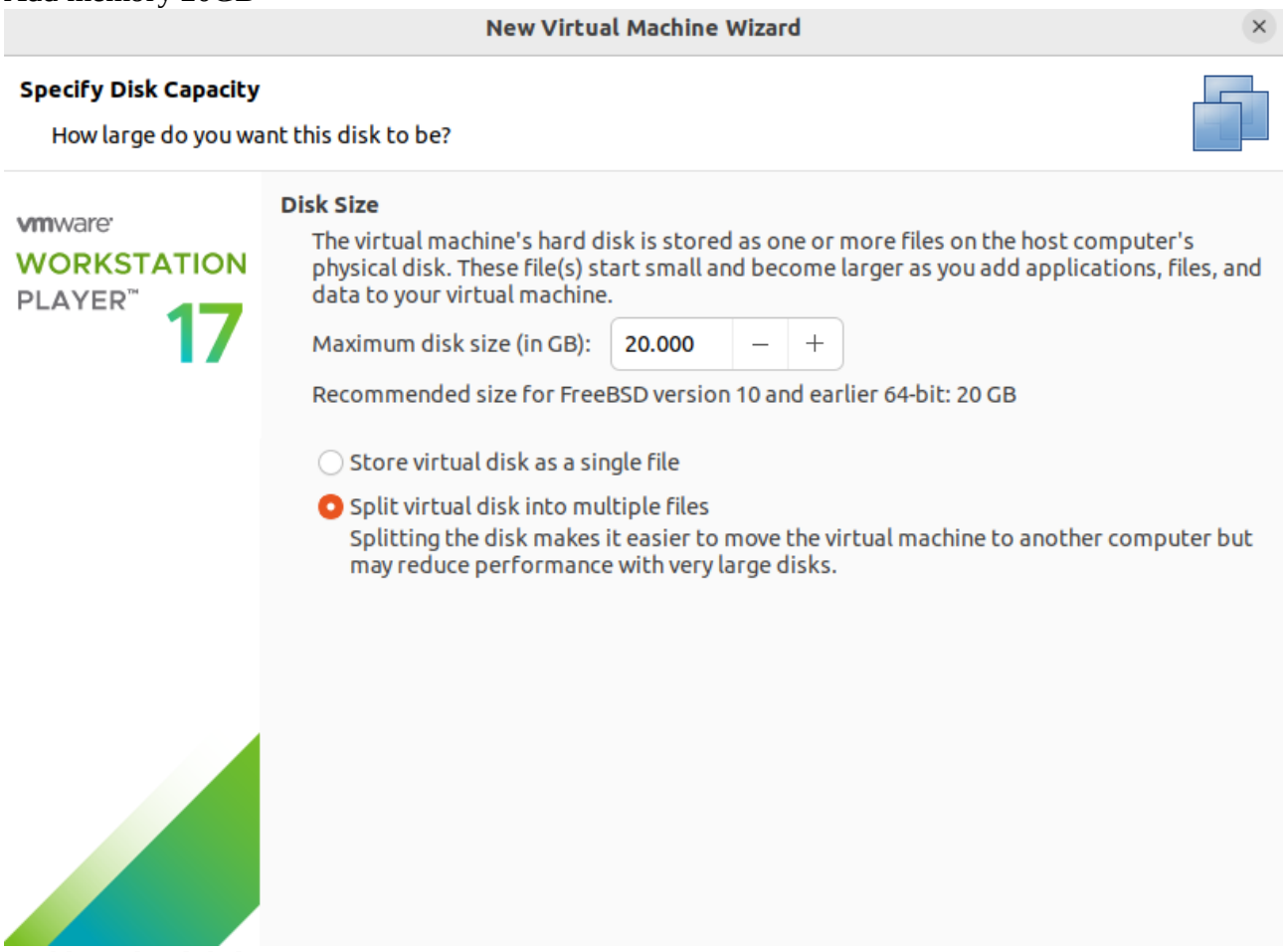
And select IDE then click on next



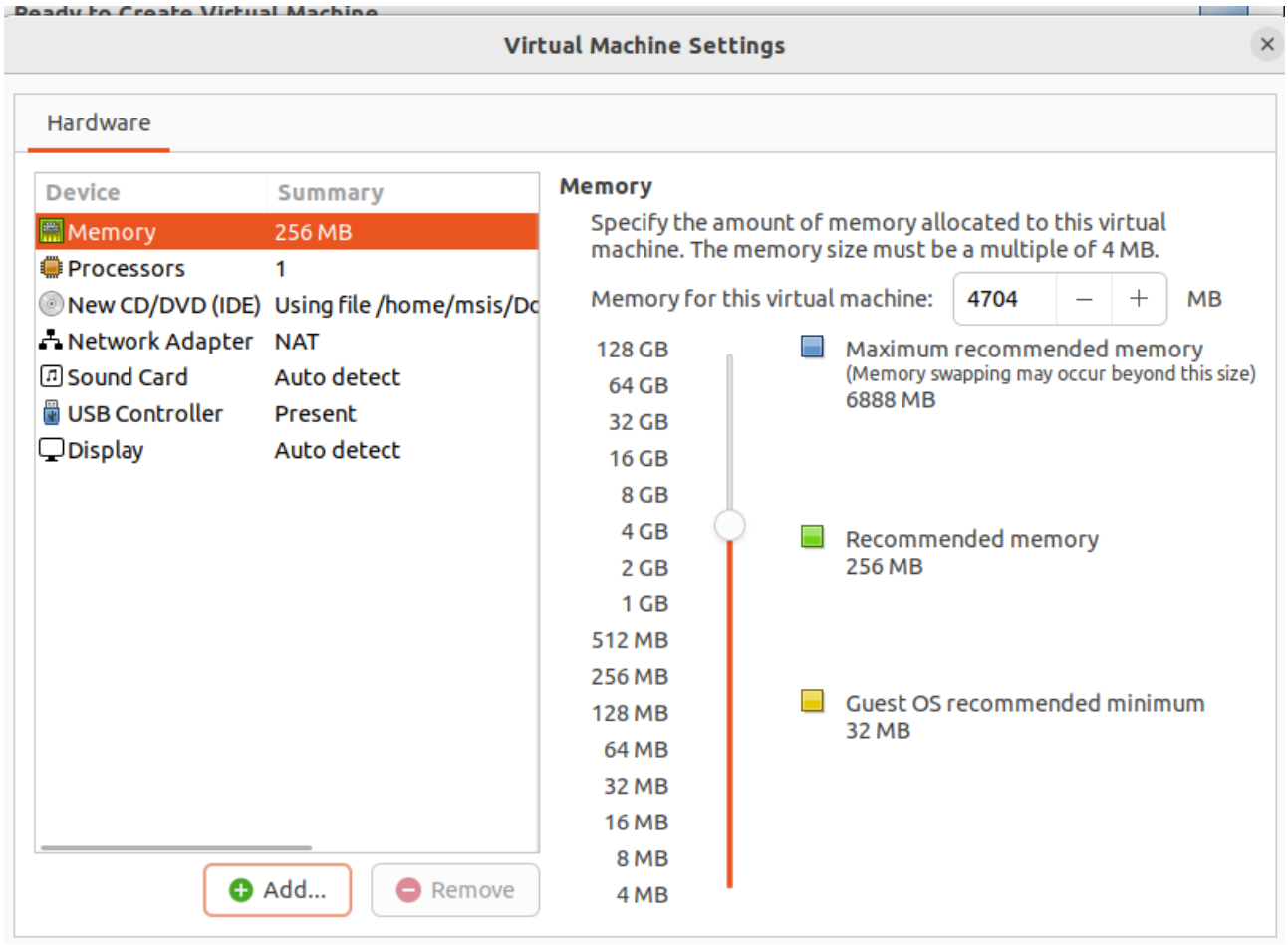
Then click on the create a new virtual disk.



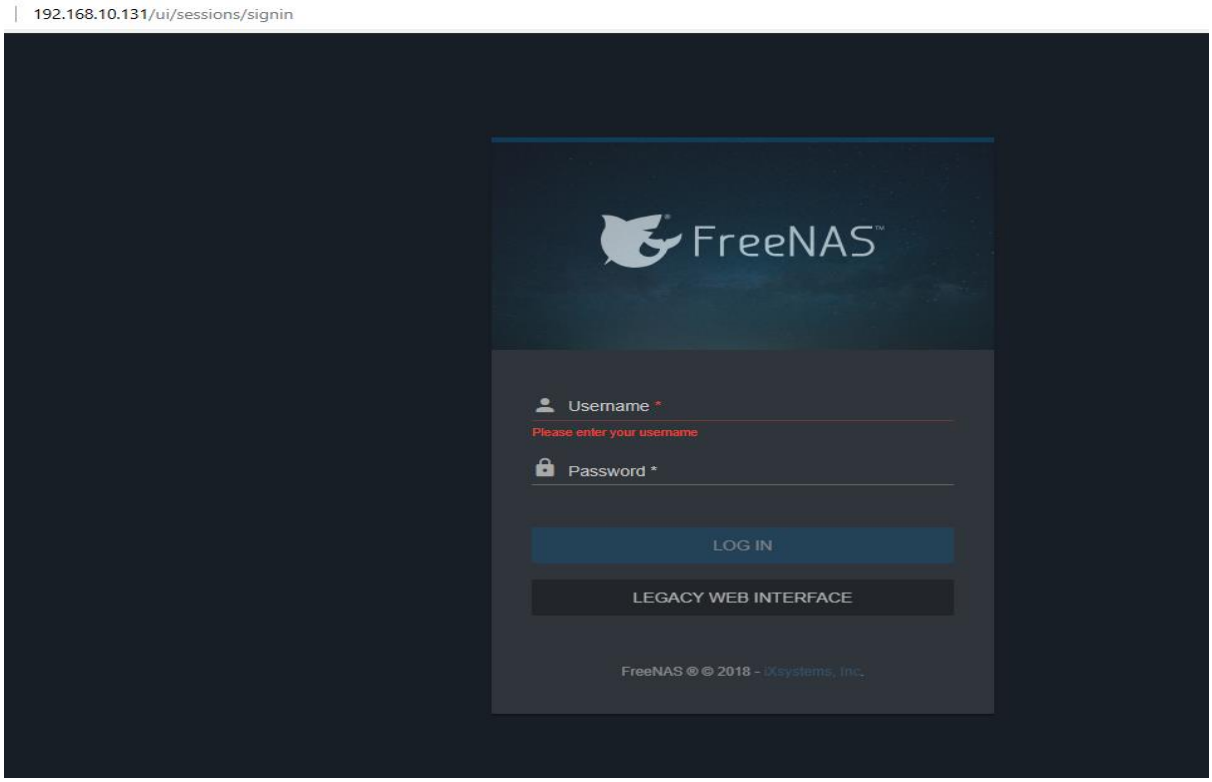
Add memory 20GB



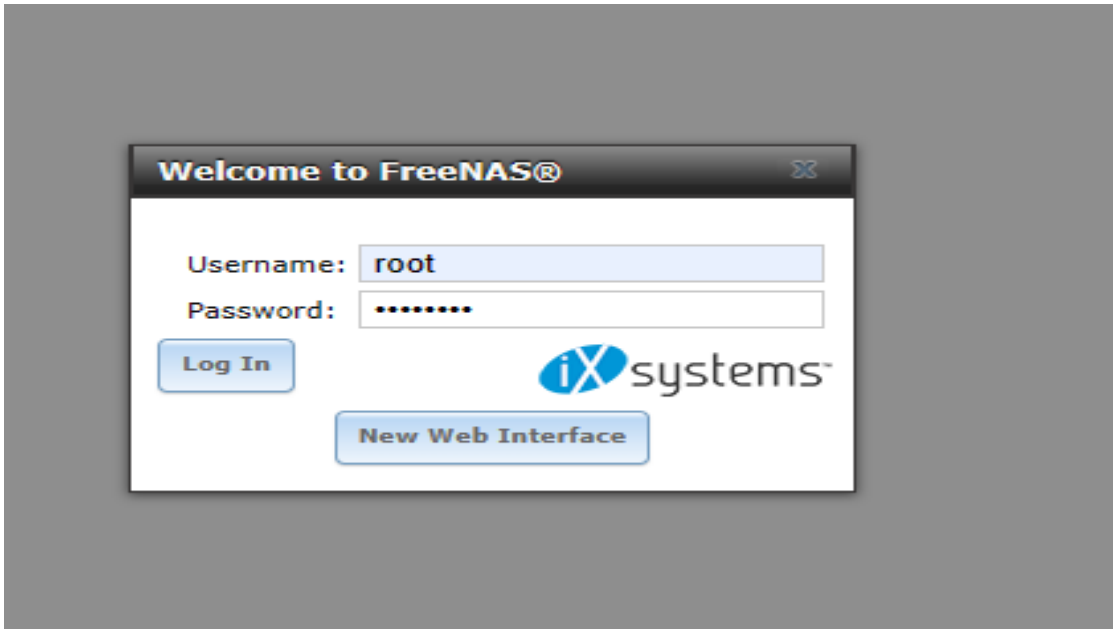
And keep hard disk to 4GB



Then click on the finish button it will reboot the system.
Then click on the power on button
Then take the ip address of freenas and past it in the browser you will get the freenas page.



Click on the legacy web interface and you need to give username(root) and password(sois@123)->login

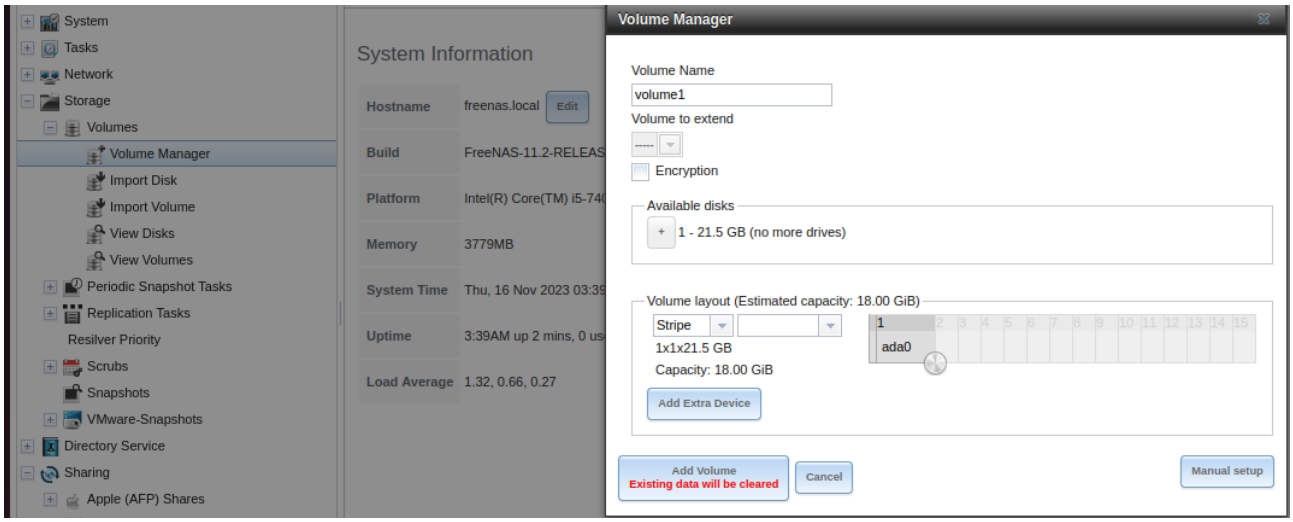


Then goto storages

Storages->volume->manage volume

Give volume name(volume1) and then click on available disk(it will work only when you add extra memory in the freenas after installation)

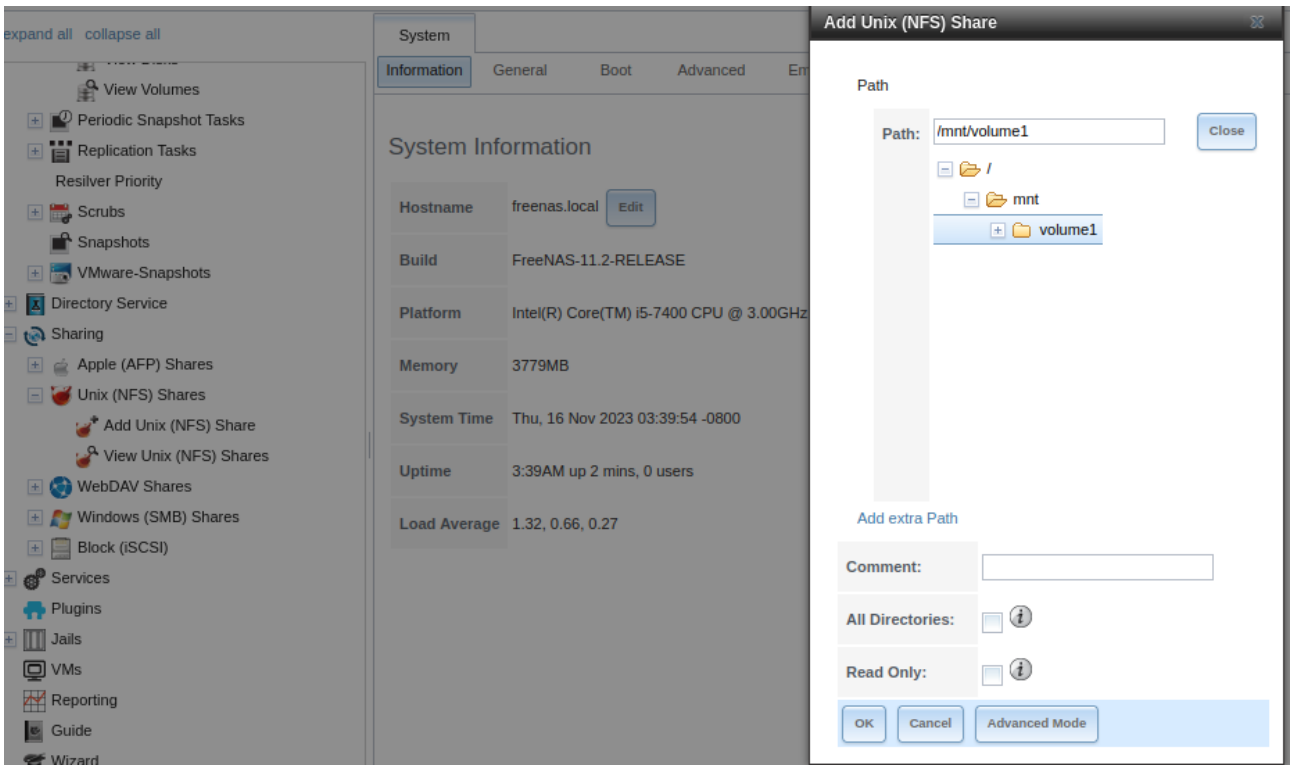
Then click on the add volume in the bottom



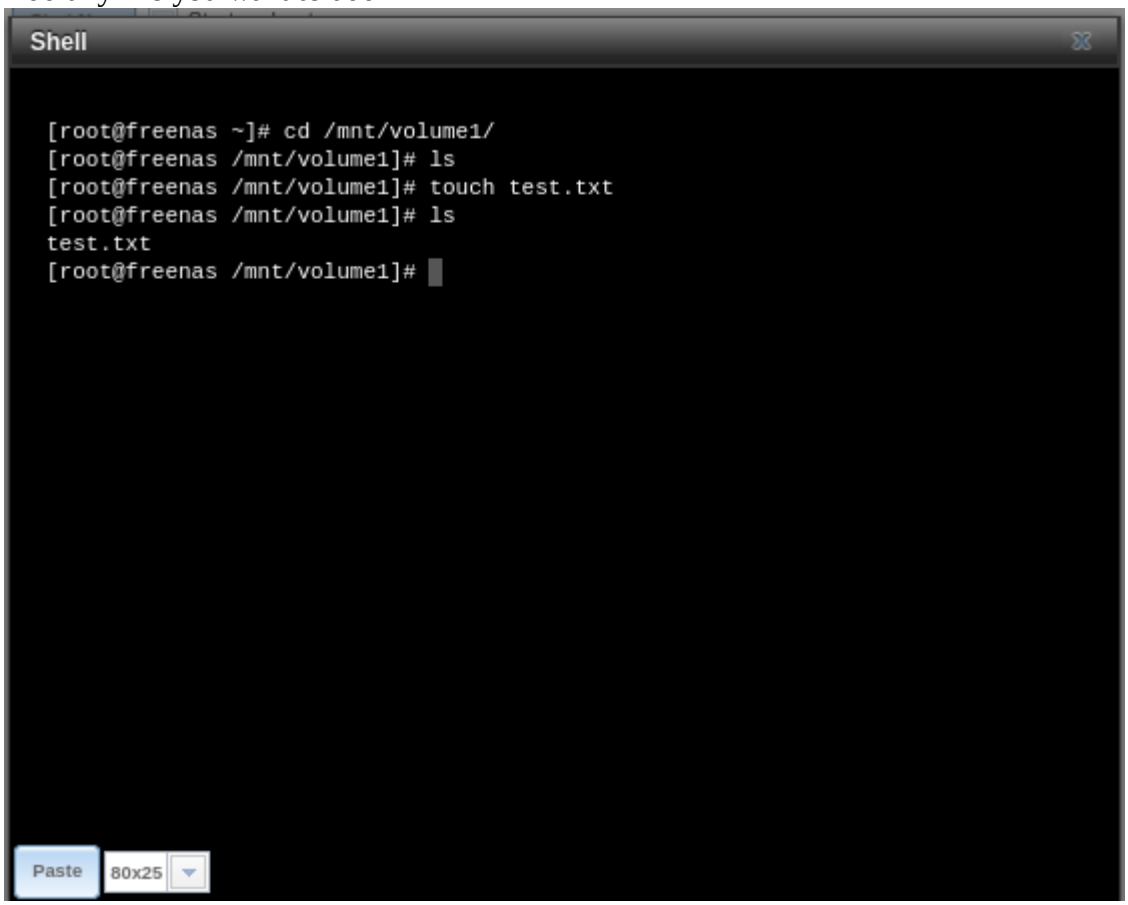
Go to services

Activate the linux NFS

Service->Linux nfs->give password(sois@123)



Go to shell
Add any file you want to add



Then go to terminal
Create a directory i.e
-mkdir cam
-cd cam

-pwd(ckeck the directory) /home/msis/cam
-sudo mount 172.16.159.129:/mnt/volum1 /home/msis/cam (this command is used for mounding the file from freenas to our local repository).