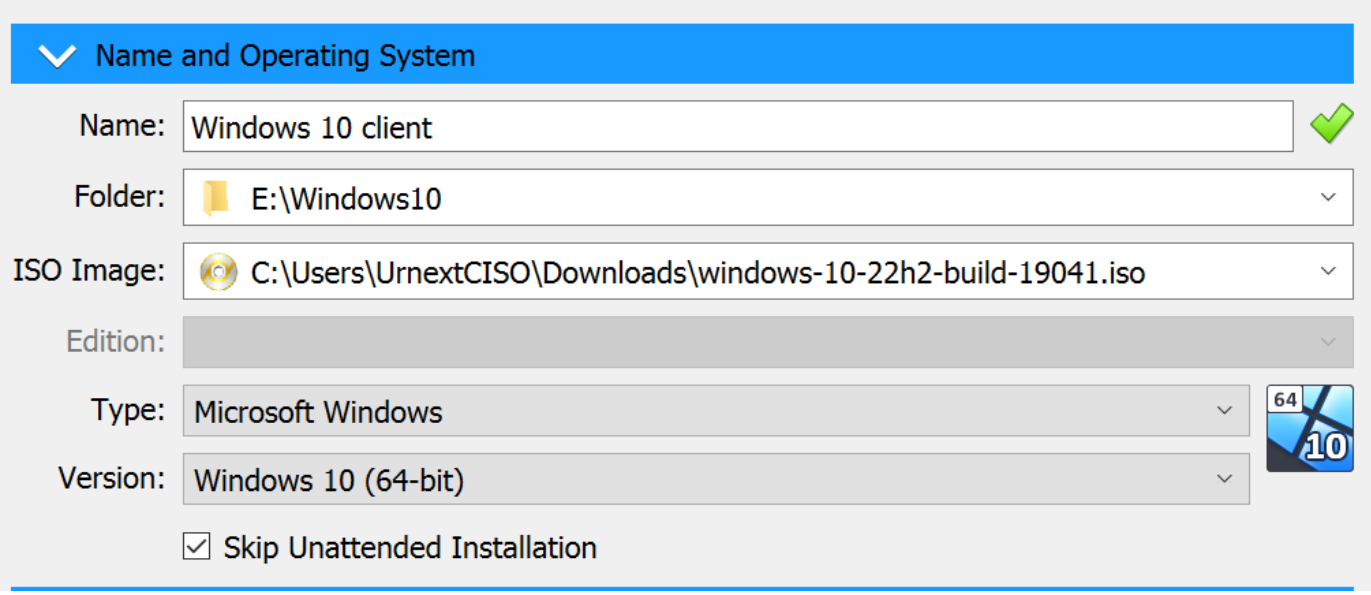
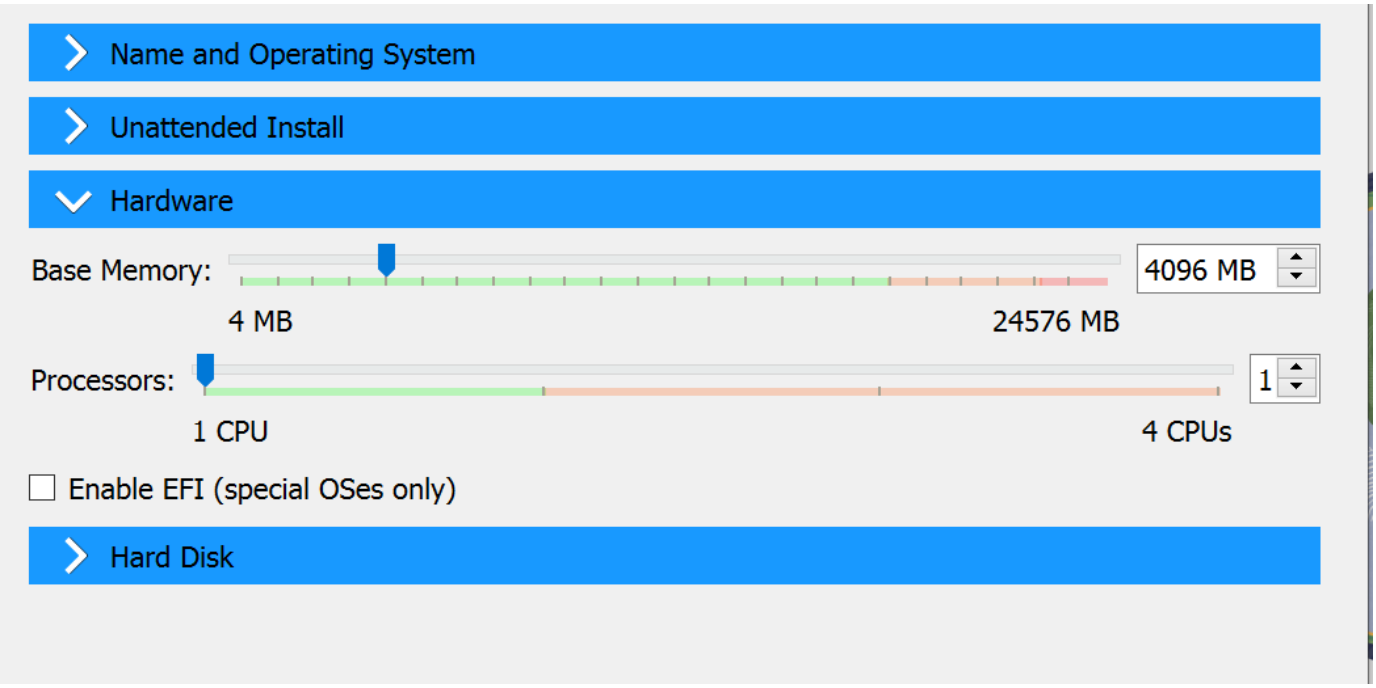
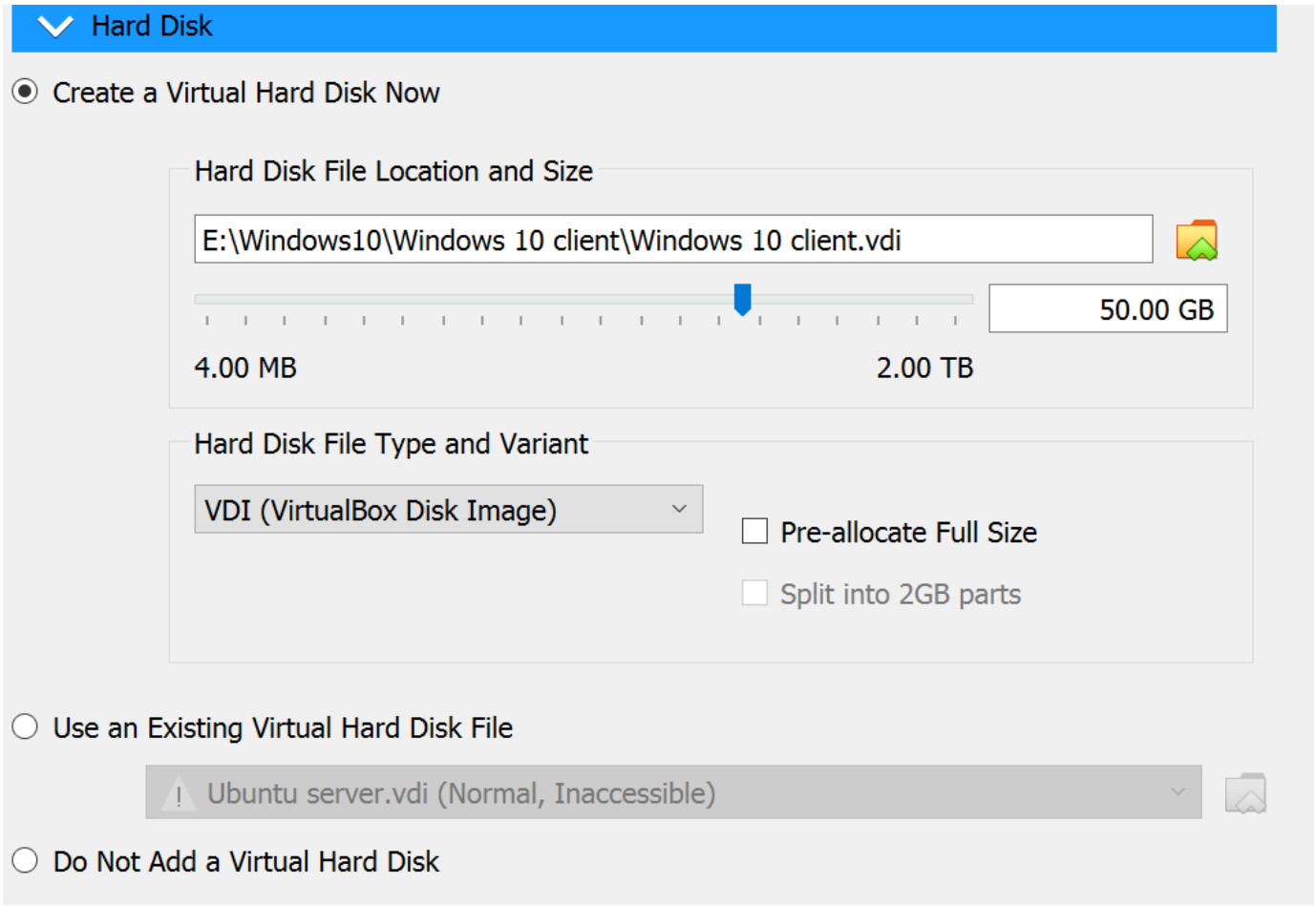
1. Windows Client, Kali linux and Windows Server install

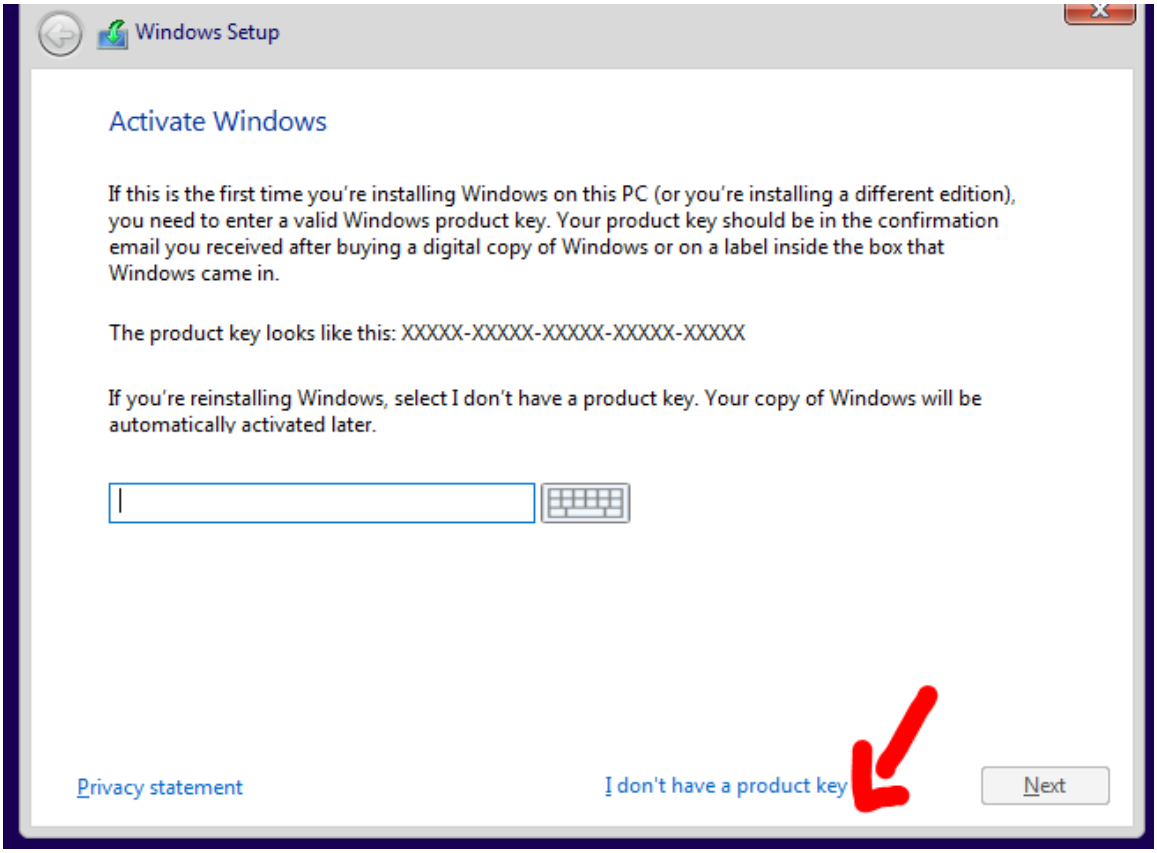
1. Download windows 10 iso from microsoft official site
2. Start installation process in virtualbox and give your preferred system settings.

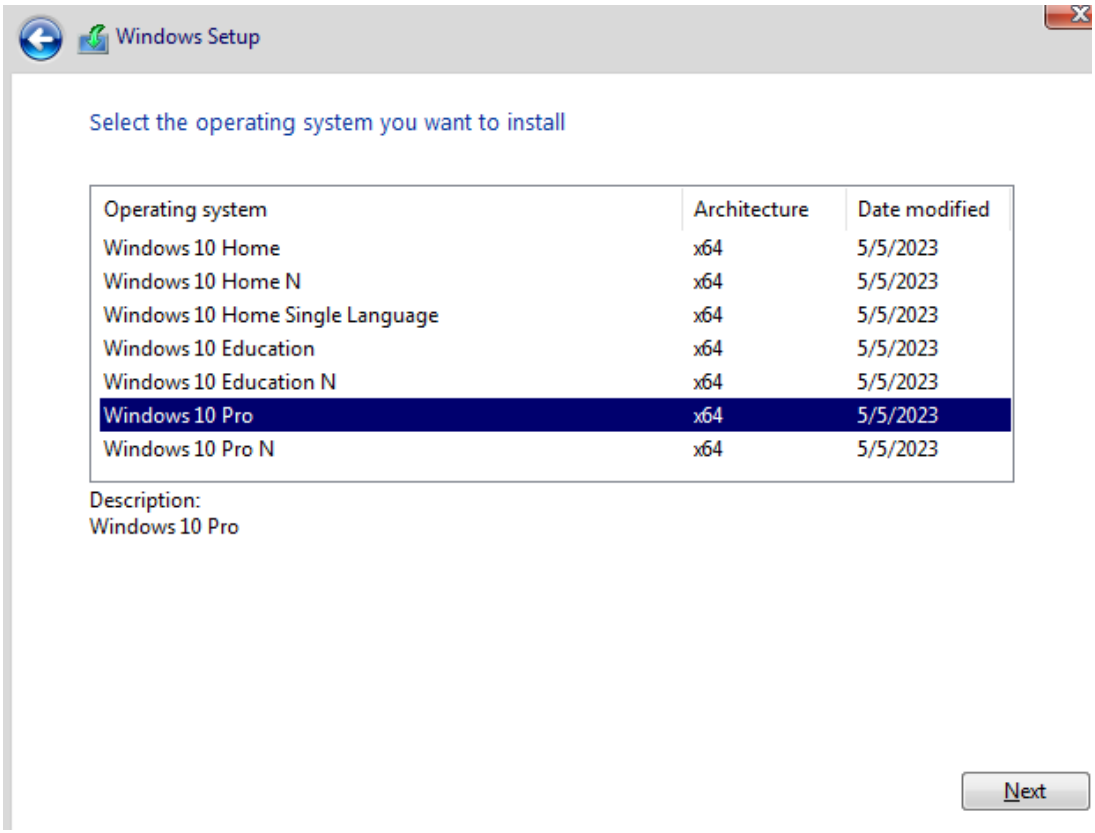




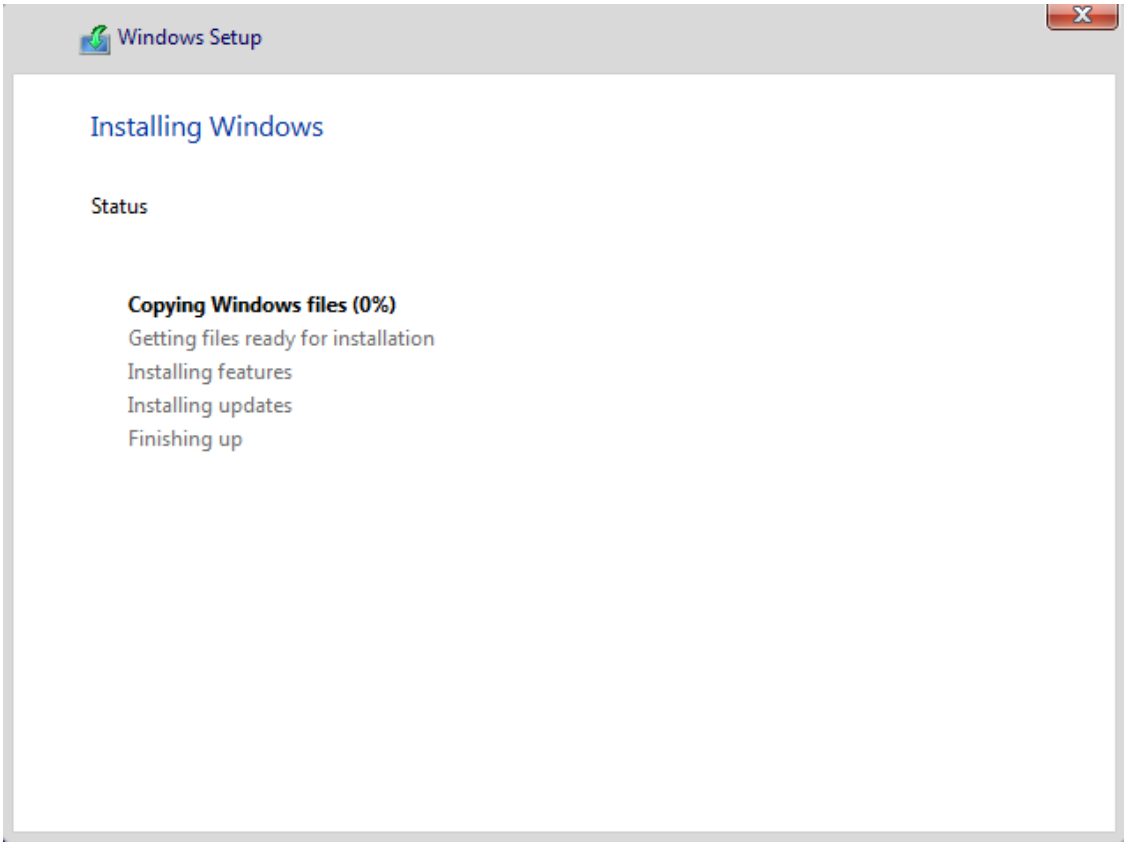


After that power on the vm and continue the installation (skip the license key section):



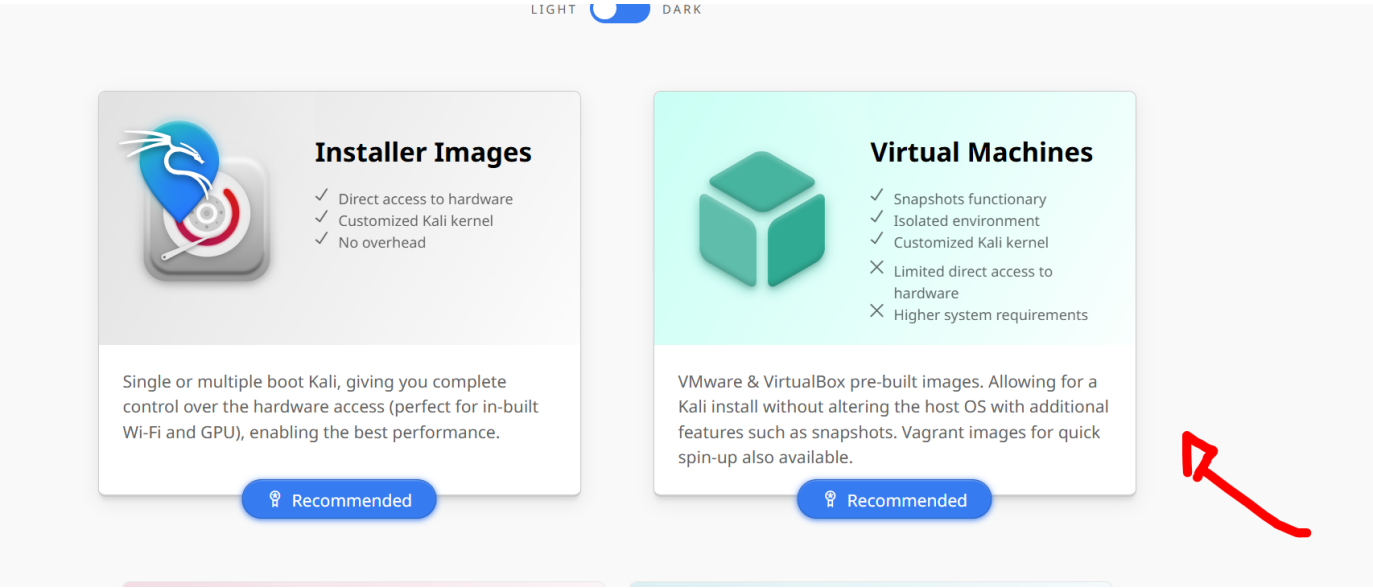


Click on Custom install and next to start the installation process:



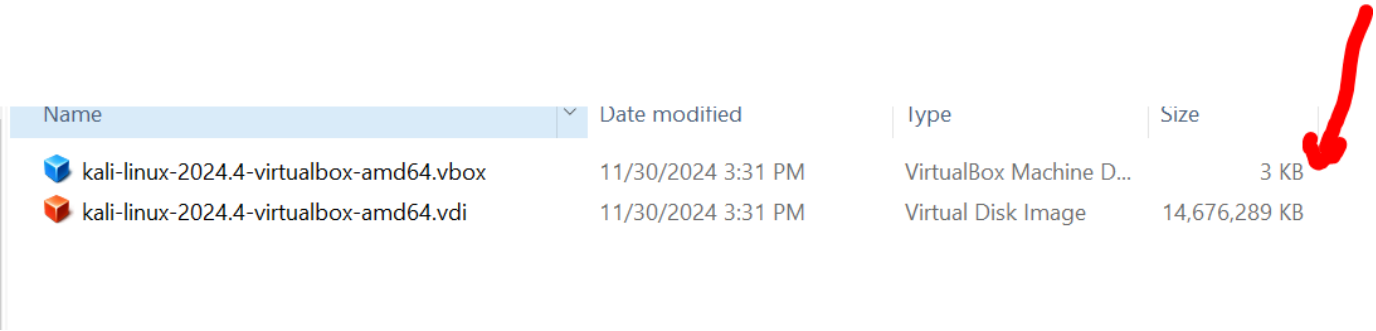
KALI LINUX INSTALL

While that is loading up we can download and import the Kali Linux virtual box image. Go the official kali and get the iso file according to your computer's architecture.

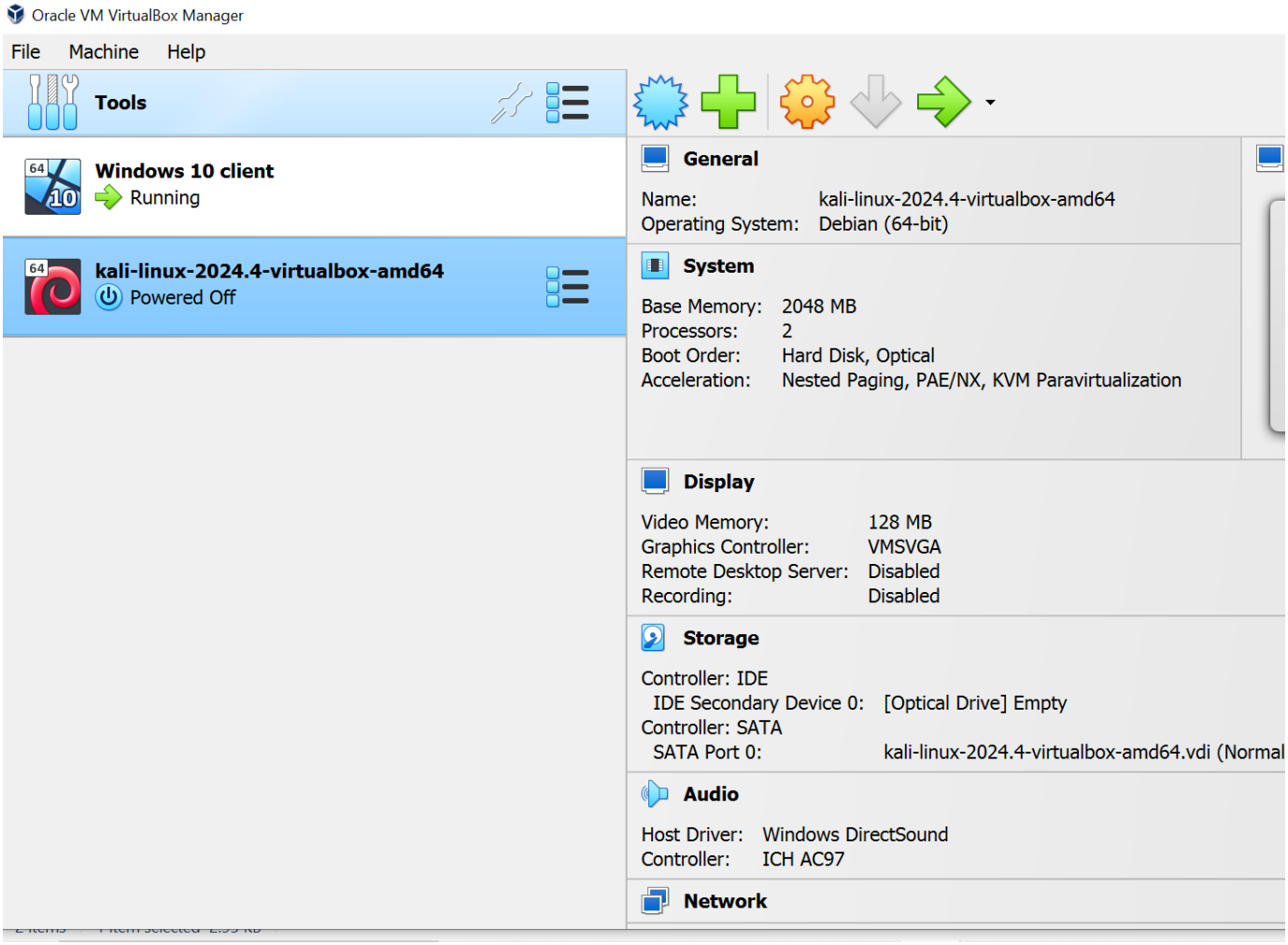


2. Unzip the archived file using 7zip or winrar
3. Double click on the .vbox file and it will be added to the virtualbox
4. The default password and username is kali kali.

Double click on .vbox:

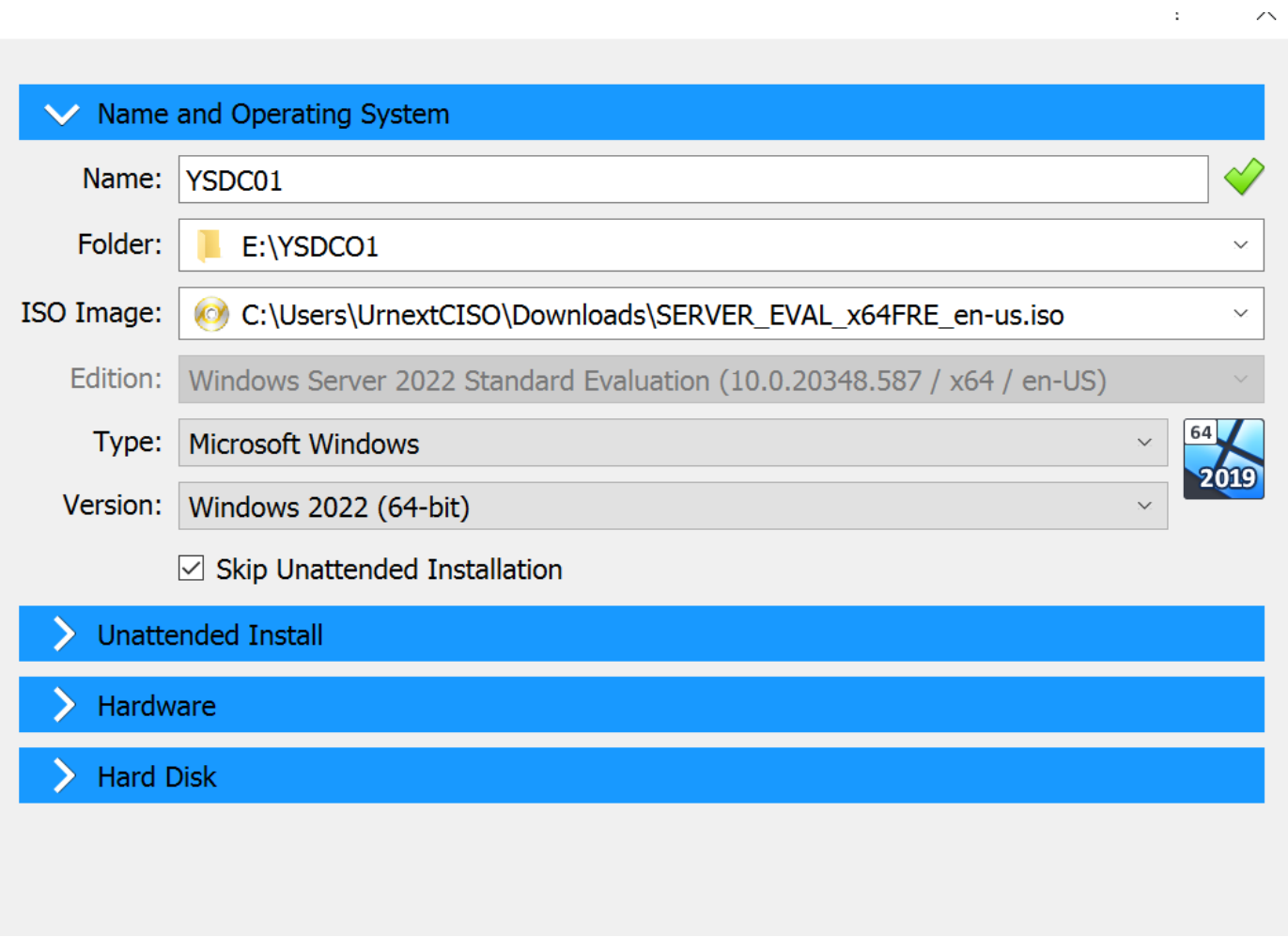


Automatically imports into virtualbox:

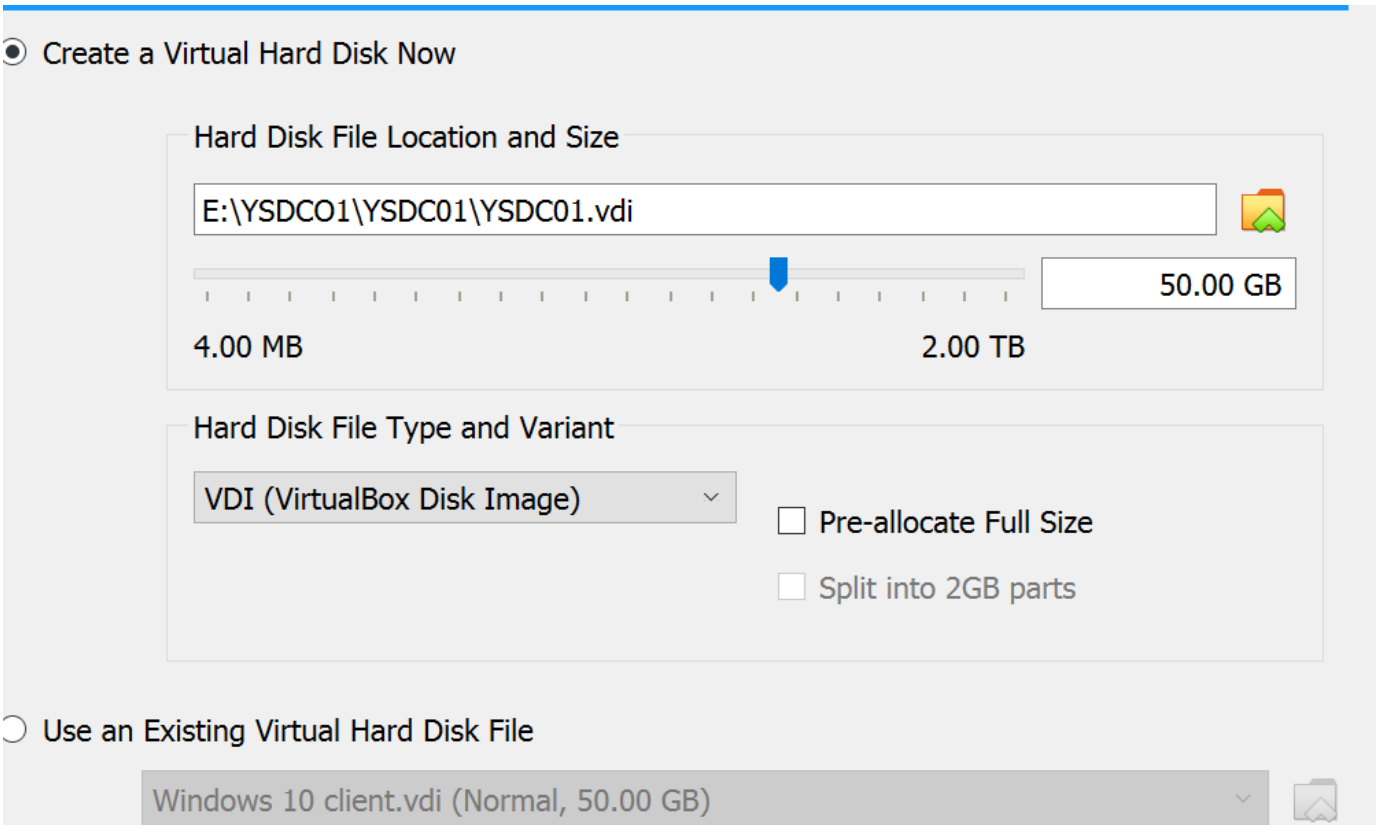


WINDOWS SERVER INSTALL

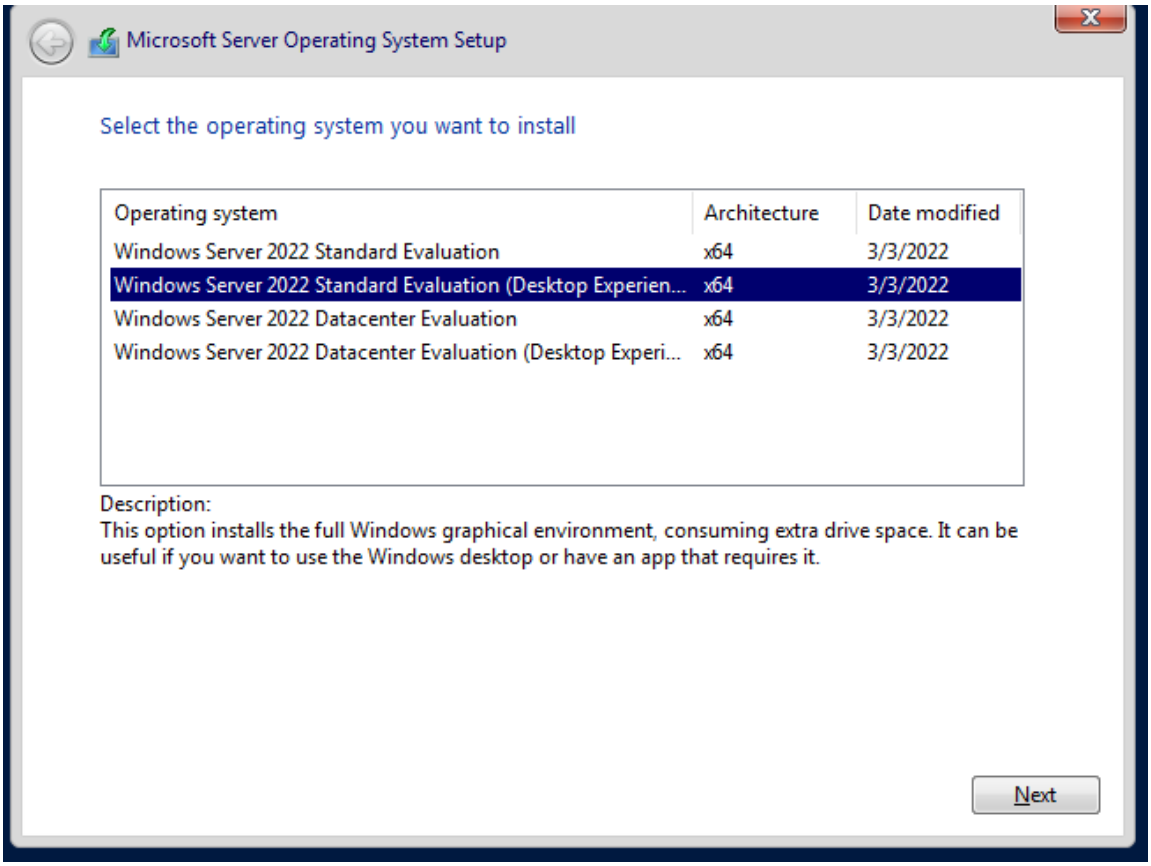
1. Get the iso file from the microsoft official website
2. Select the 2nd option during Operating System selection phase install which shows the "standard edition desktop experience"
3. Set the name as what you want your server to be called in this case , mine is YSDC01
4. Skip the unintended install
5. Set RAM 4GB and disk space to 50GB (the default)
6. Continue the installation process as you would any windows machine.

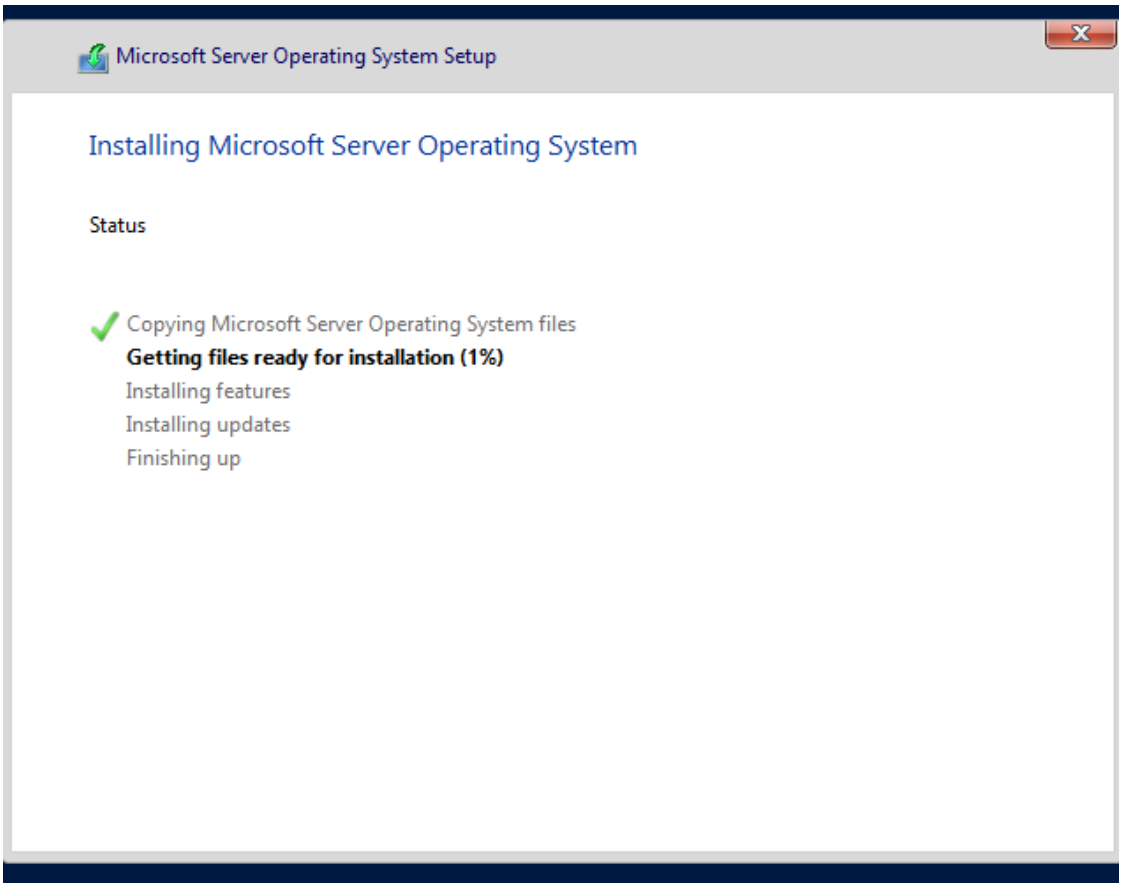


Set hardware requirements:



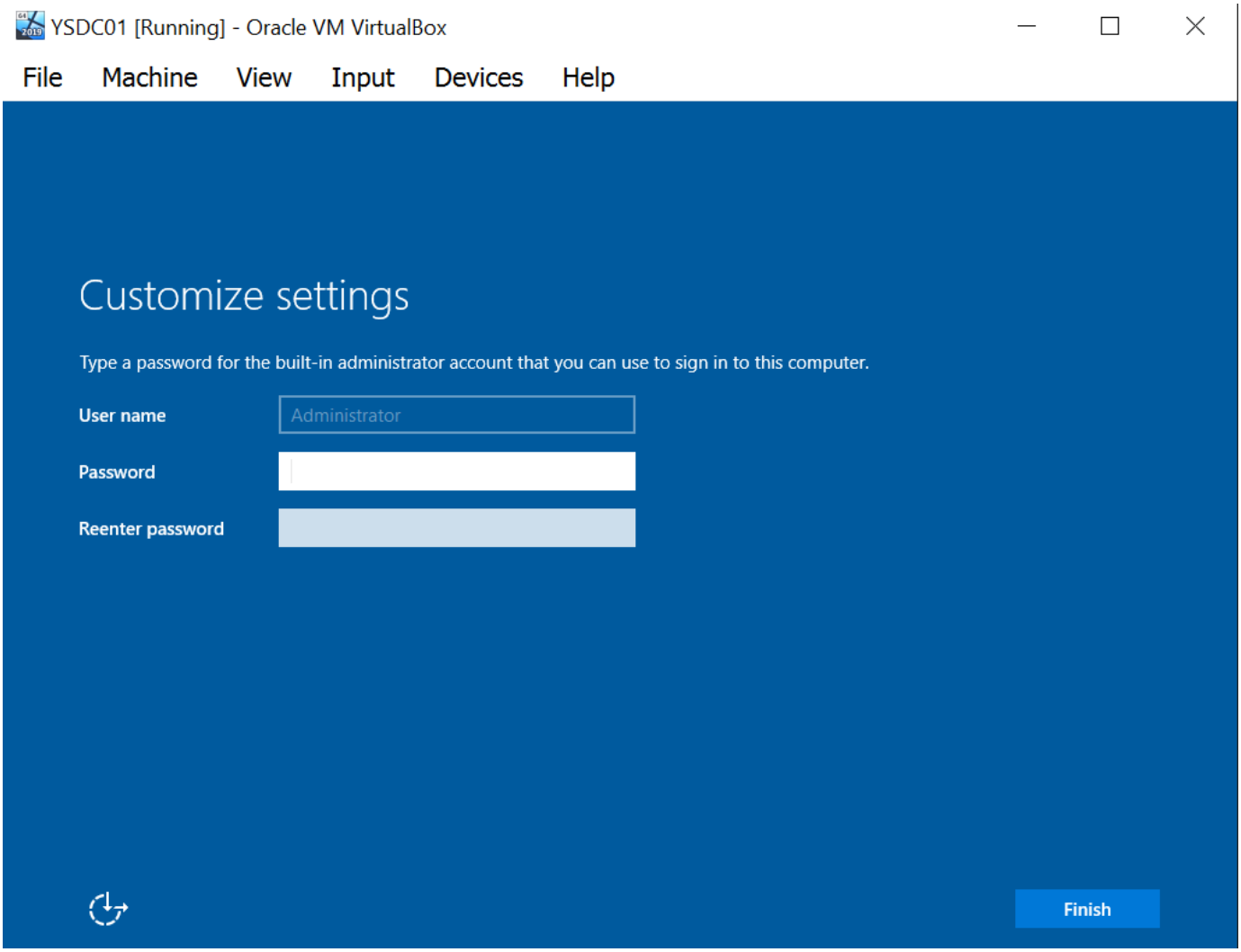
Next startup the install :





Wait for the setup to complete and don't power on the machine.

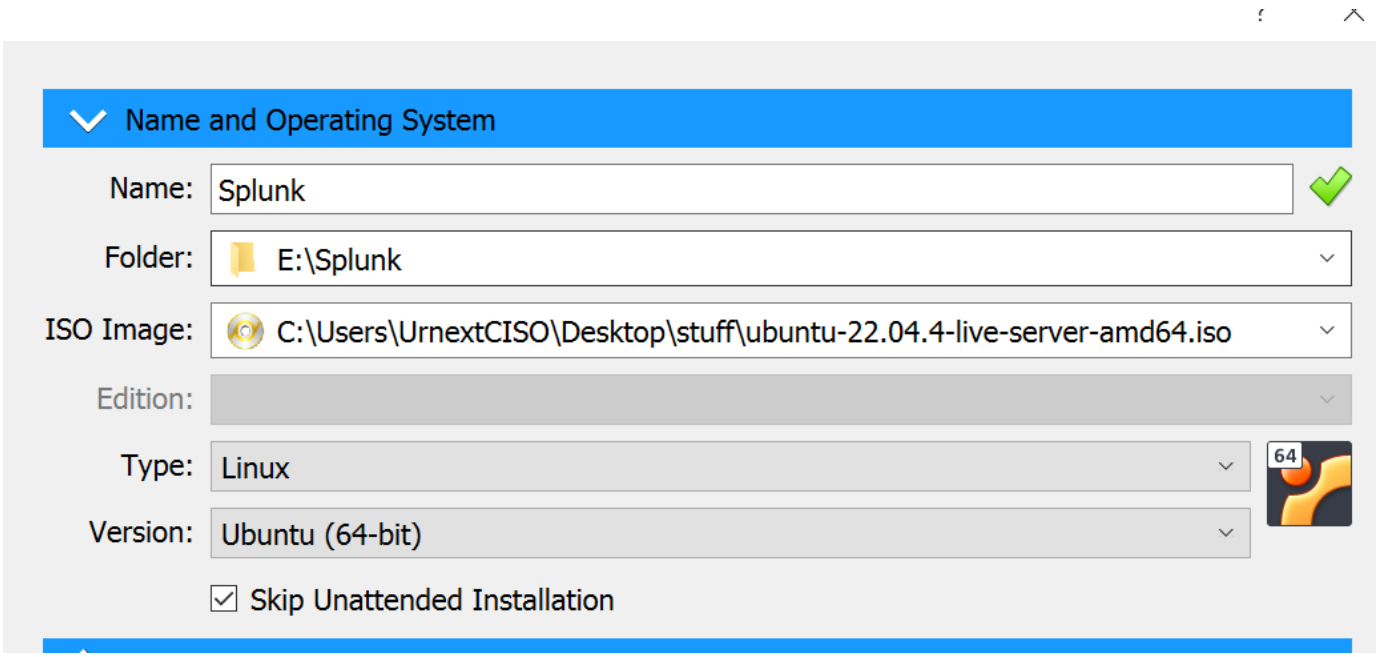
Set a secure admin password and click on finish :



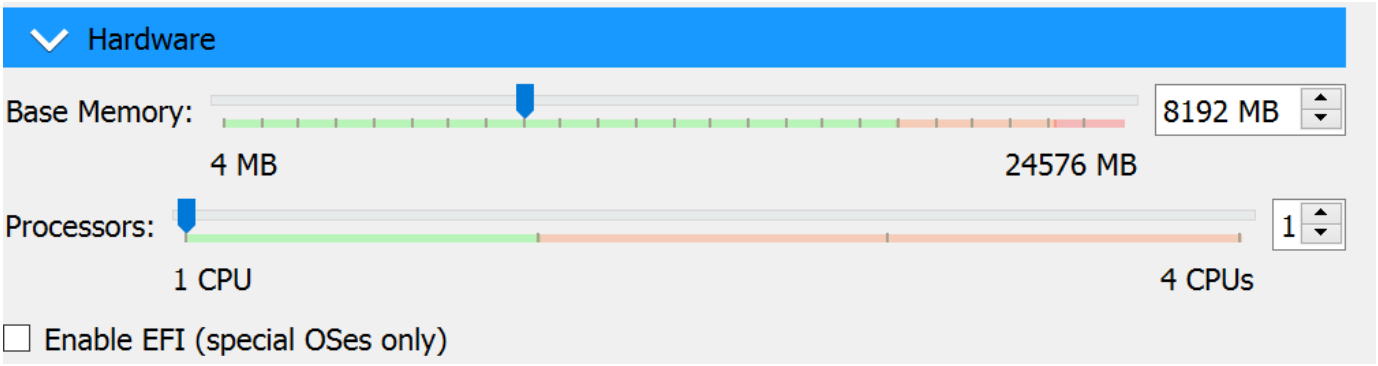
Next we setup the ubuntu server

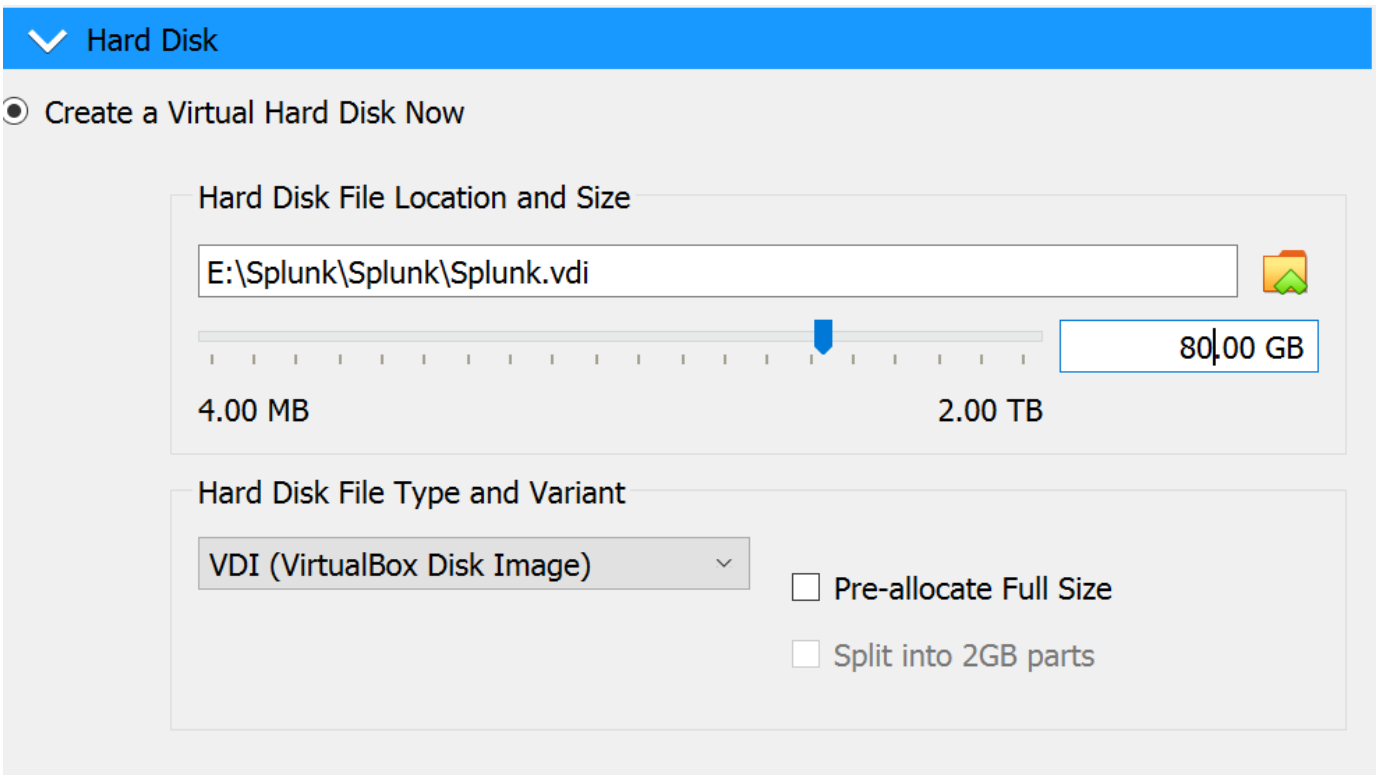
UBUNTU SERVER INSTALL (SPLUNK)

1. Download the ubuntu server iso image , using 22.04 here
2. Start a new vm installation process on virtual box
3. Skip unattended installation
4. Set RAM 8GB and Disk space to 80GB



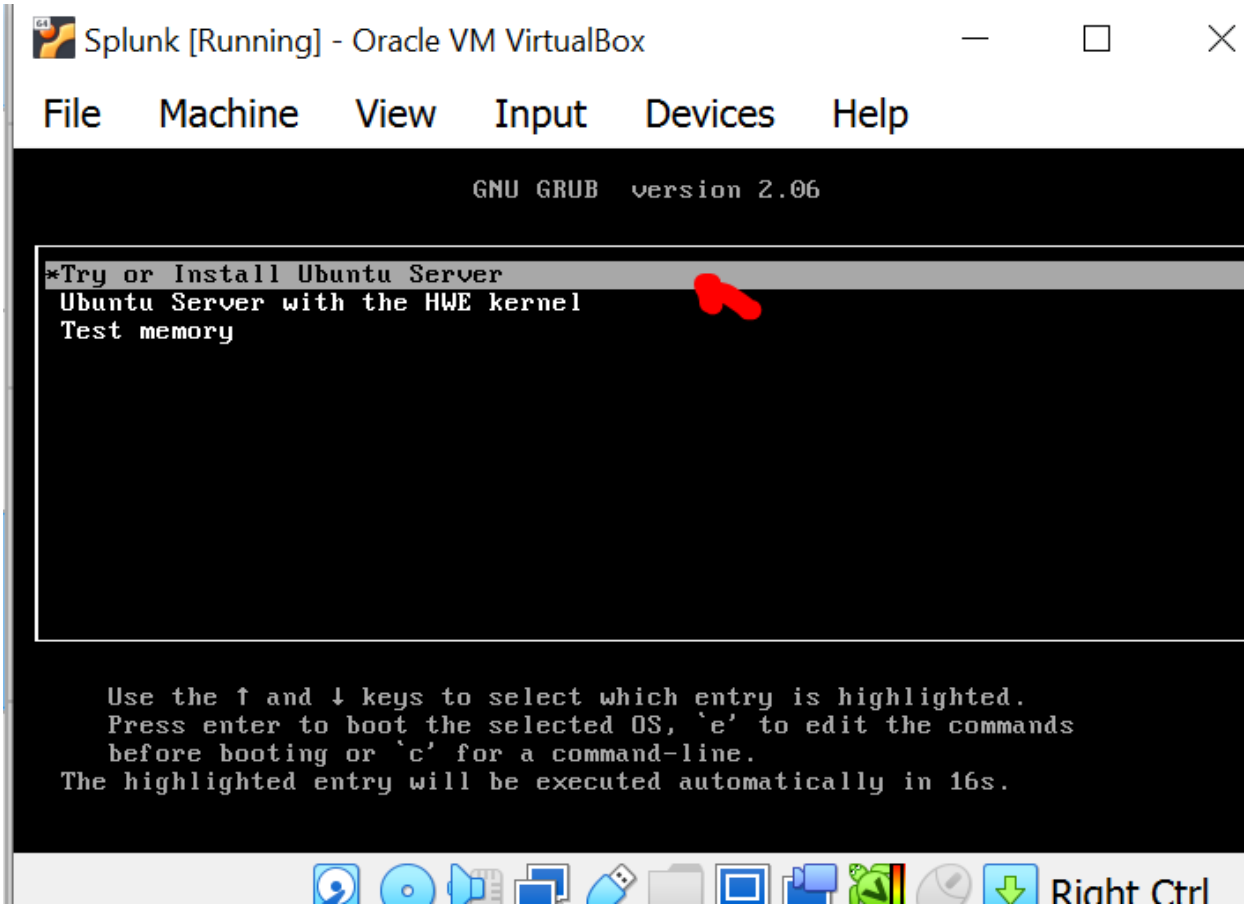
Set hardware specs:



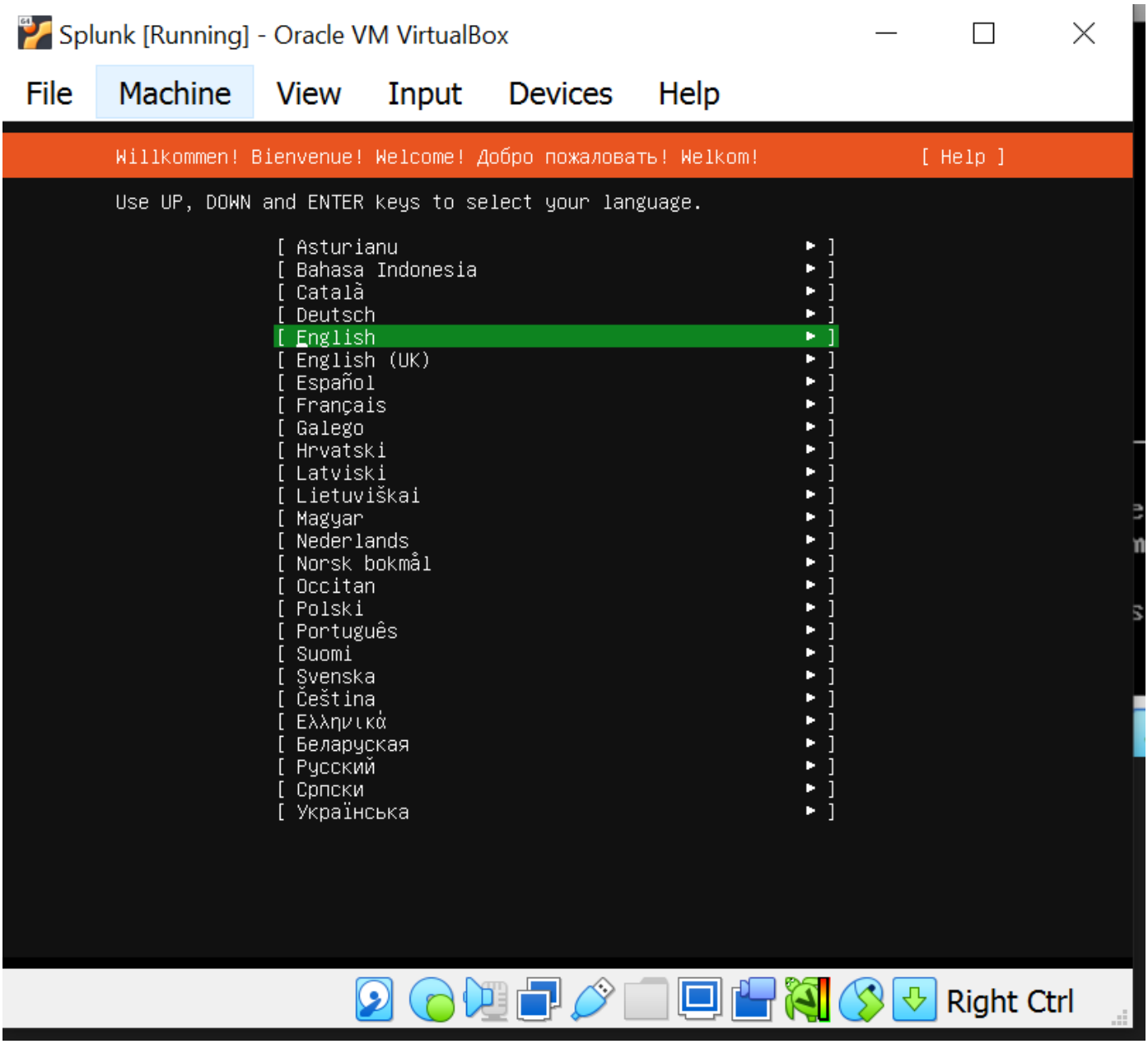


Start up the machine and follow the steps :

Step 1:

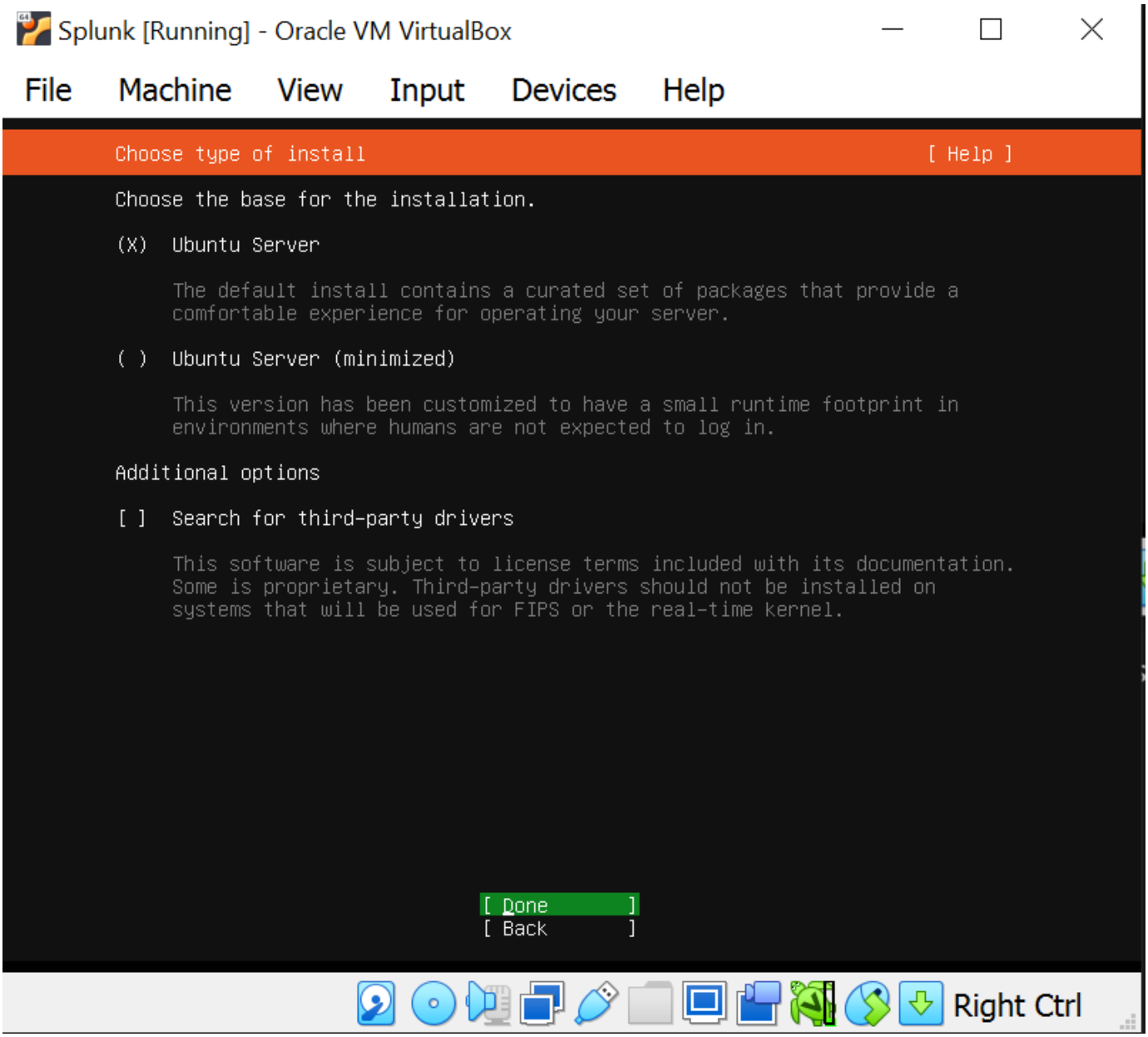


Step 2: select language

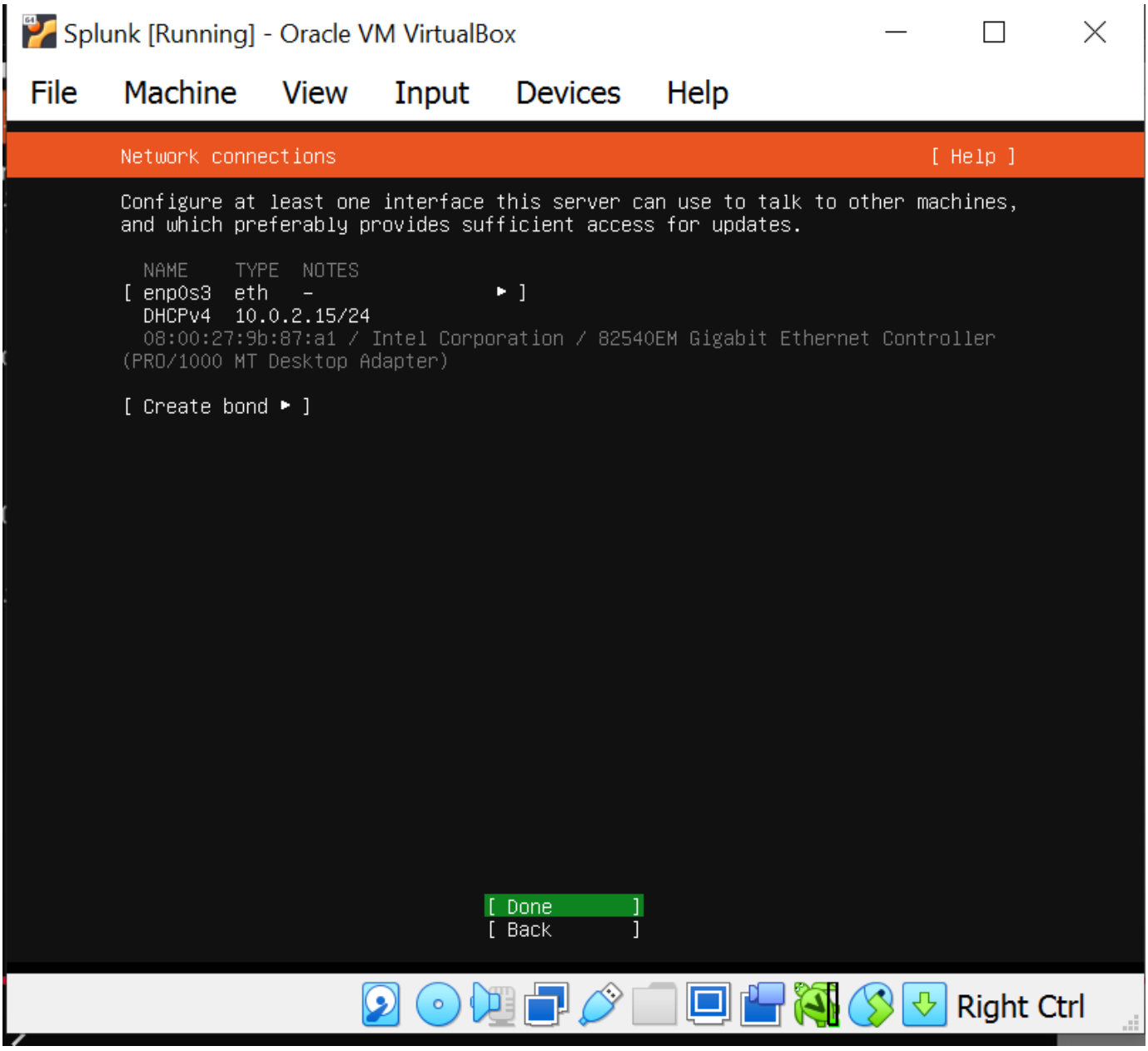


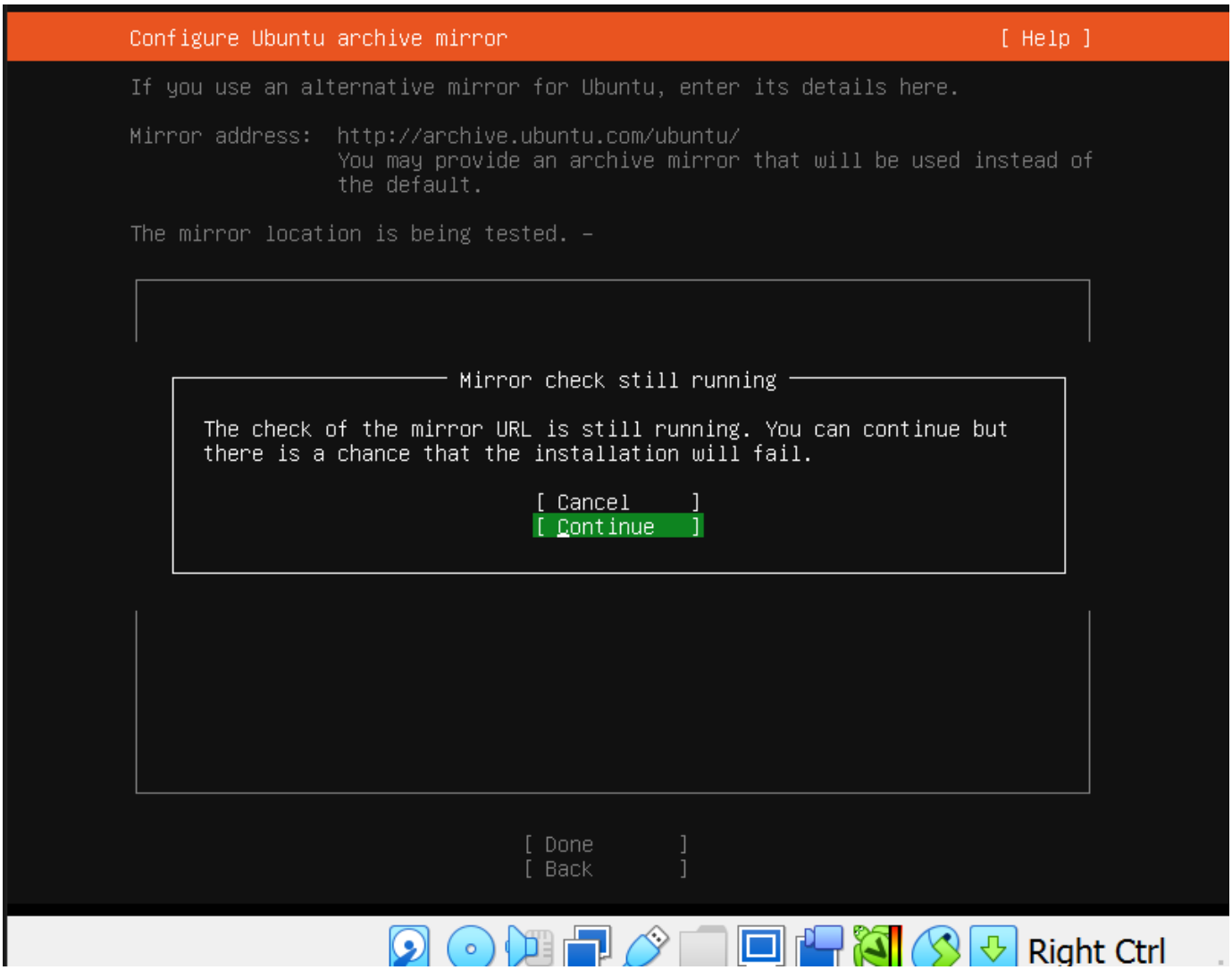
You can either choose to update before continuing the install but I will skip past that part and install without updating.

Step 3 : Type of install - leave as default and enter

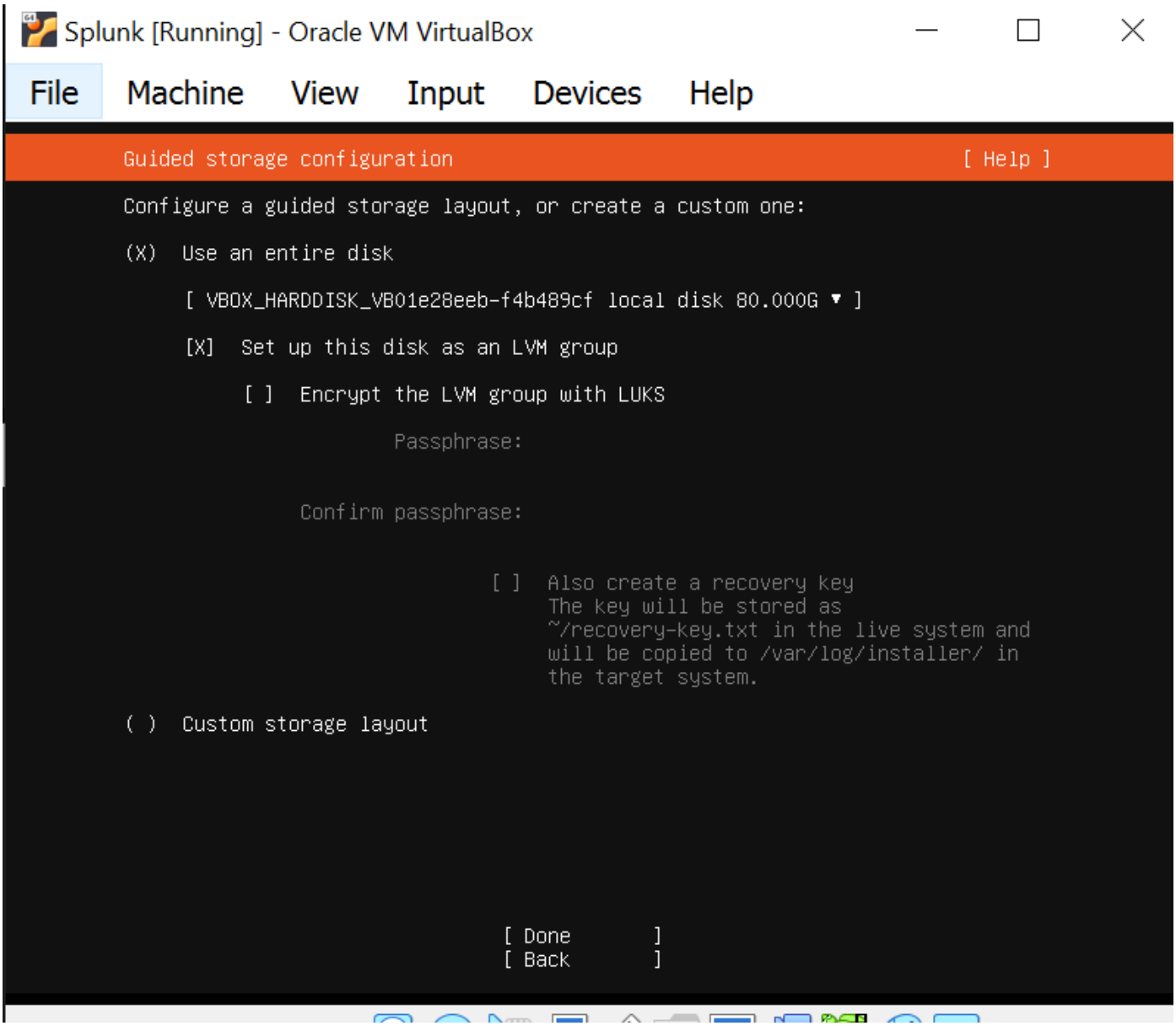


Step 4: Keep pressing enter until you reach this screen for setting up username and passwords :

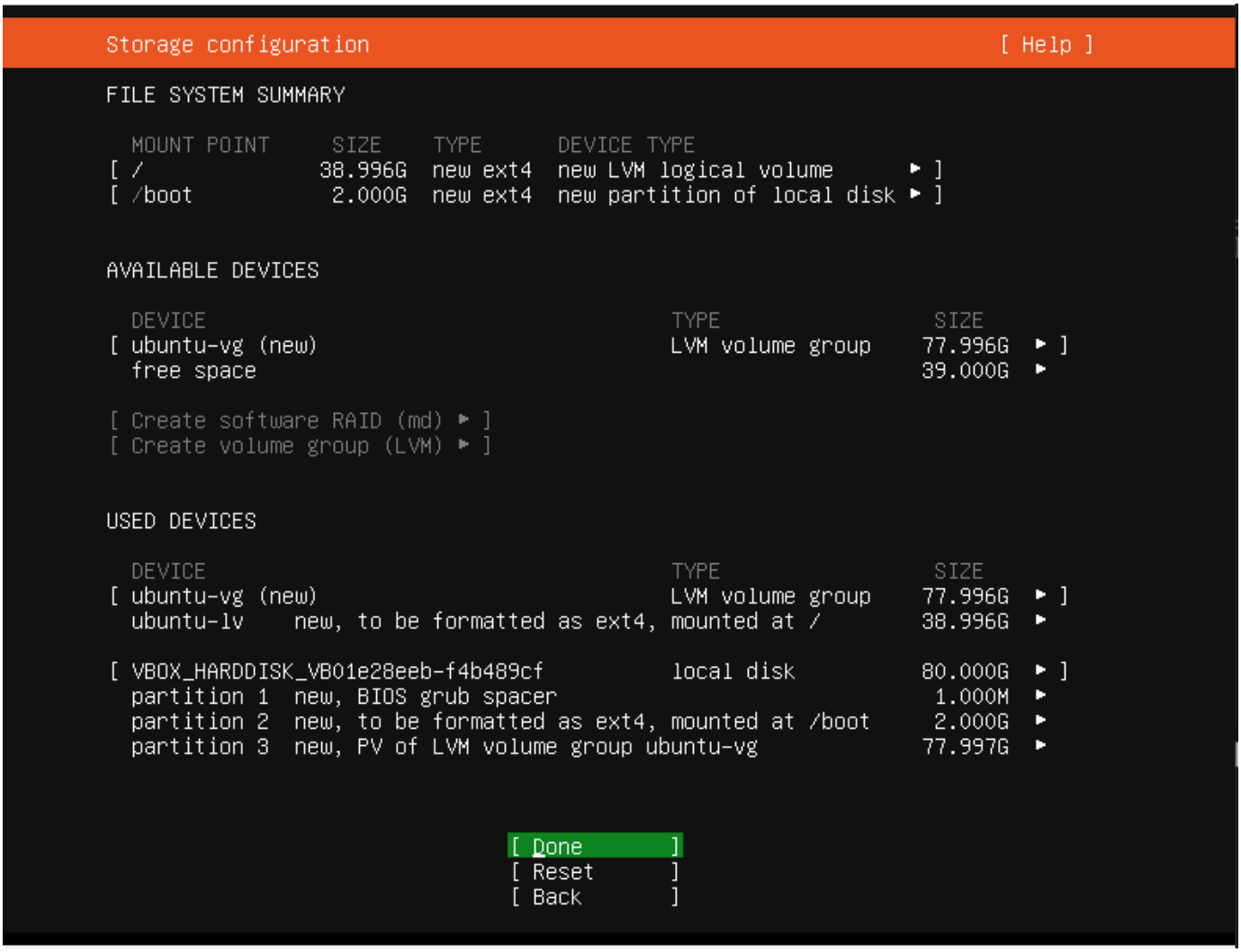

Splunk [Running] - Oracle VM VirtualBox
File
Machine
View
Input
Devices
Help
Network connections
[Help]
Configure at least one interface this server can use to talk to other machines,
and which preferably provides sufficient access for updates.
NAME TYPE NOTES
[enp0s3 eth - ▸]
DHCPv4 10.0.2.15/24
08:00:27:9b:87:a1 / Intel Corporation / 82540EM Gigabit Ethernet Controller
(PRO/1000 MT Desktop Adapter)
[Create bond ▸]
[Done]
[Back]
Right Ctrl



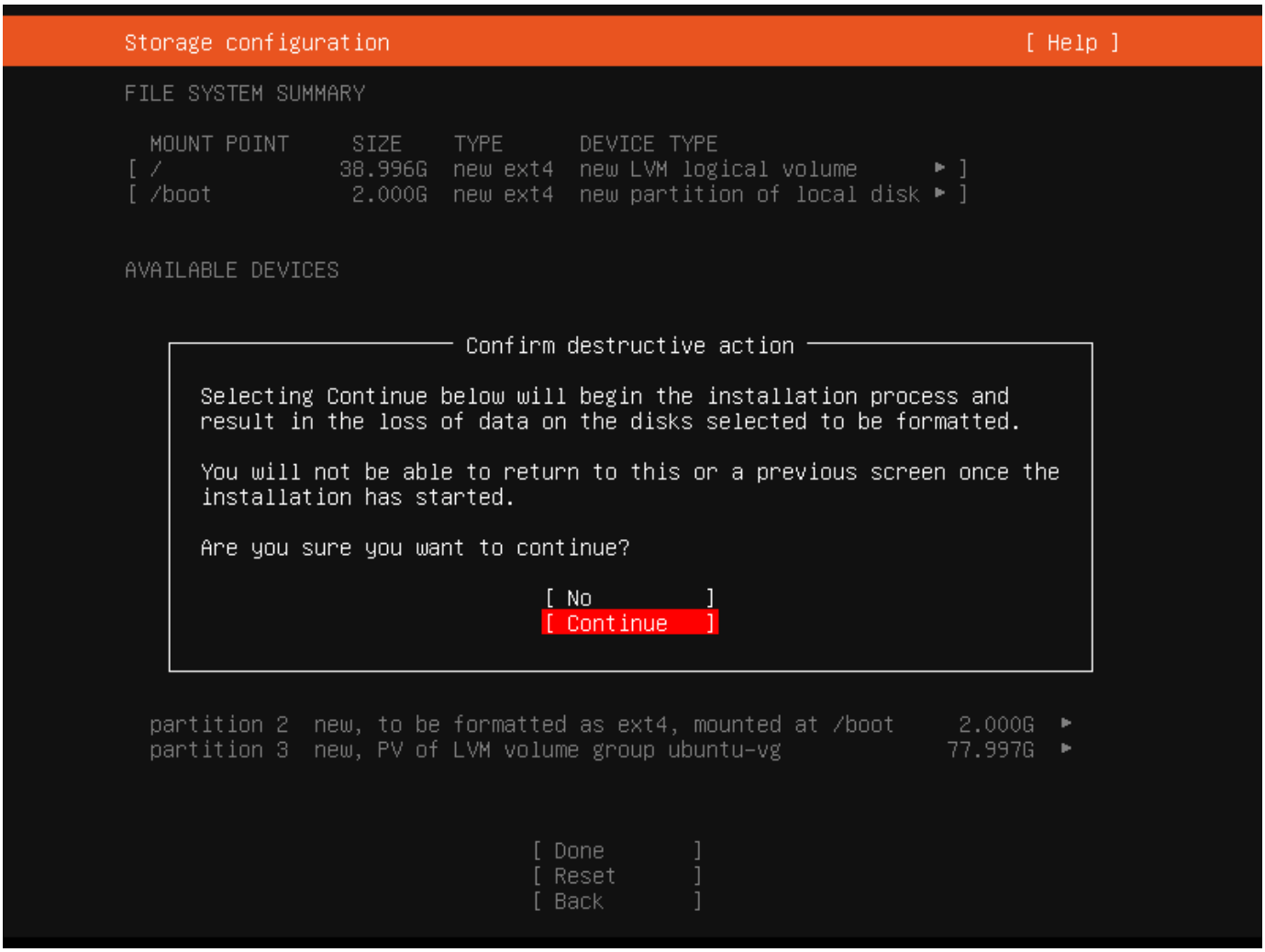
Scroll down until you reach Done and press enter :



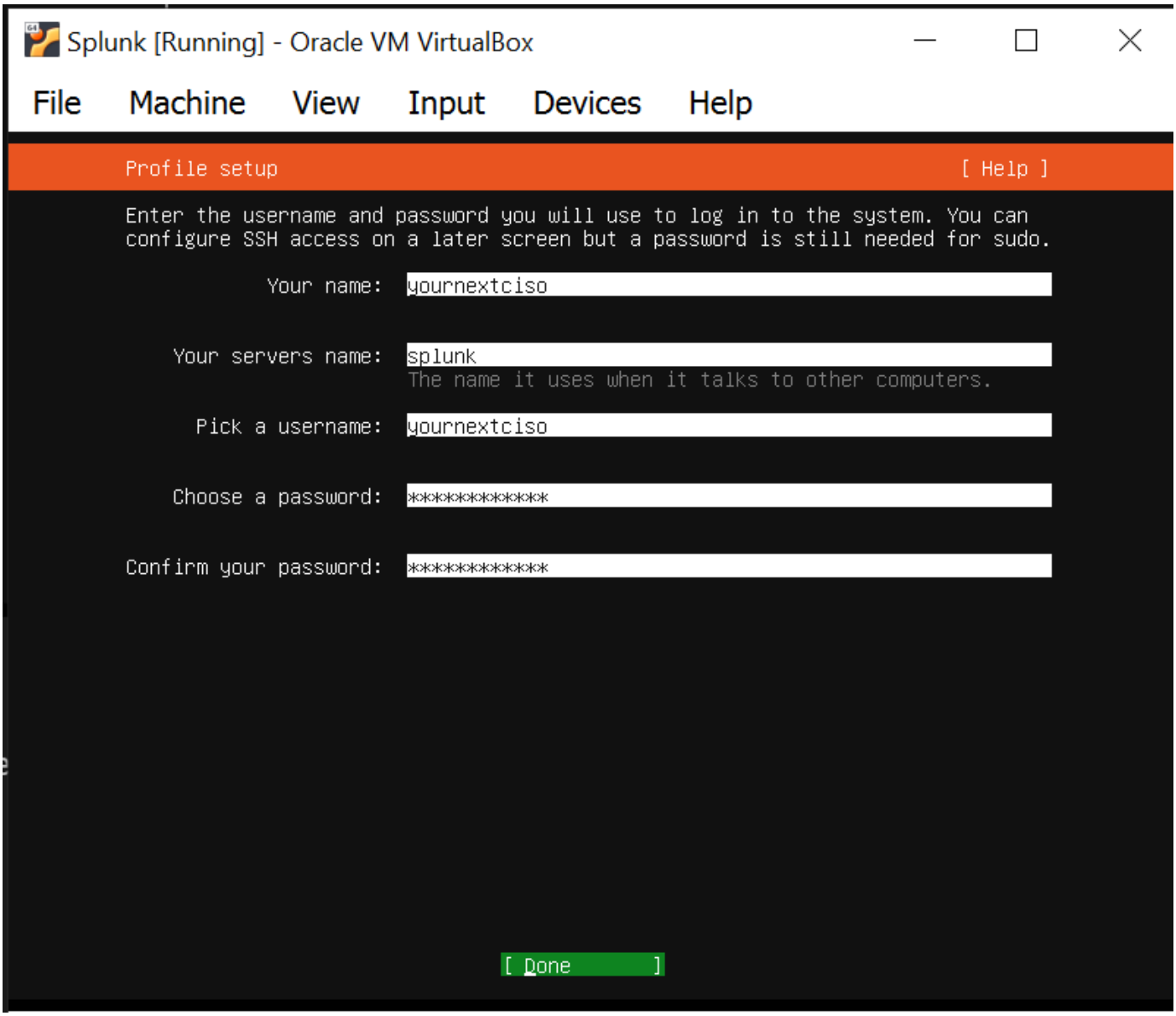
Storage configuration :



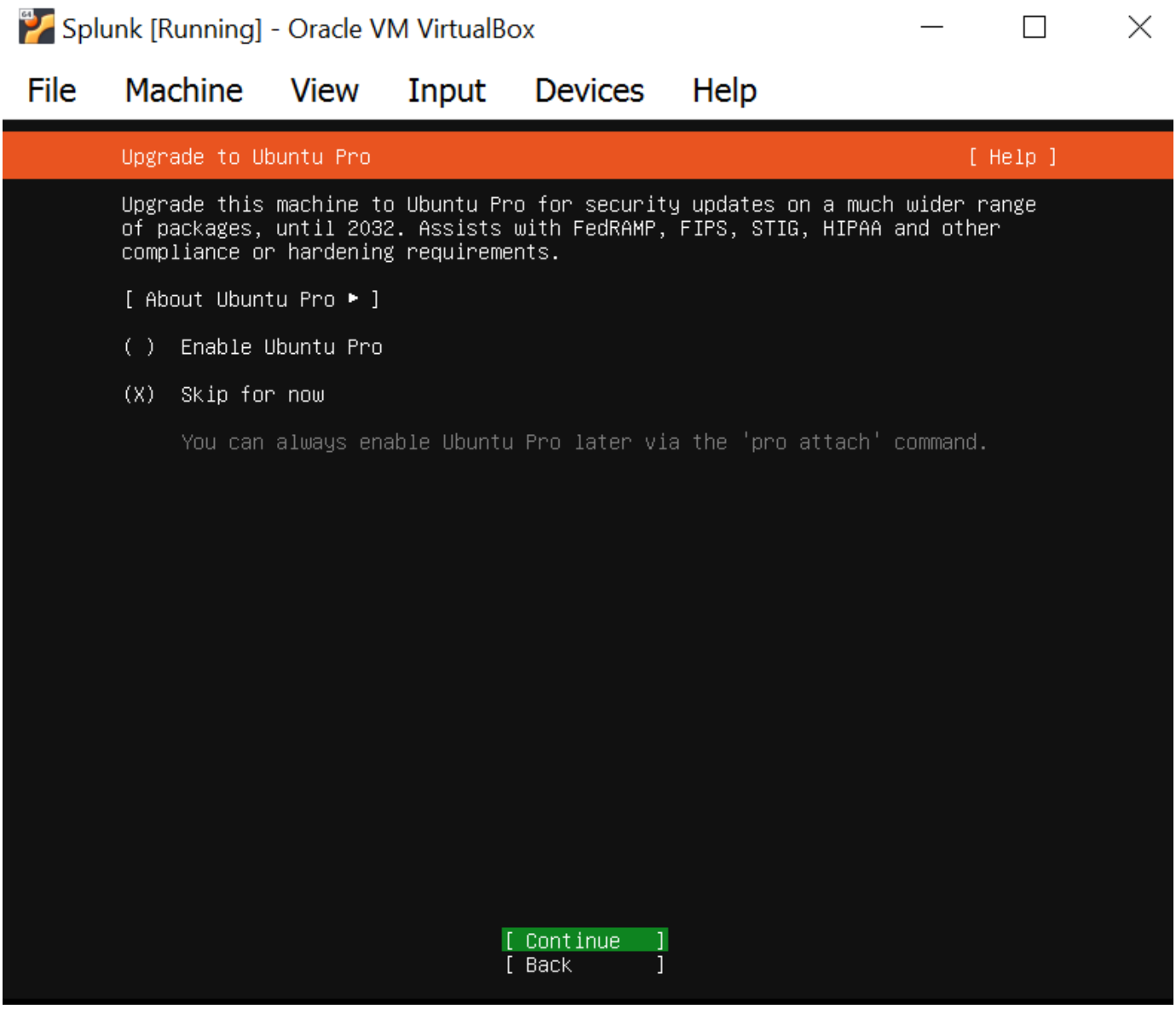
To continue press Enter:



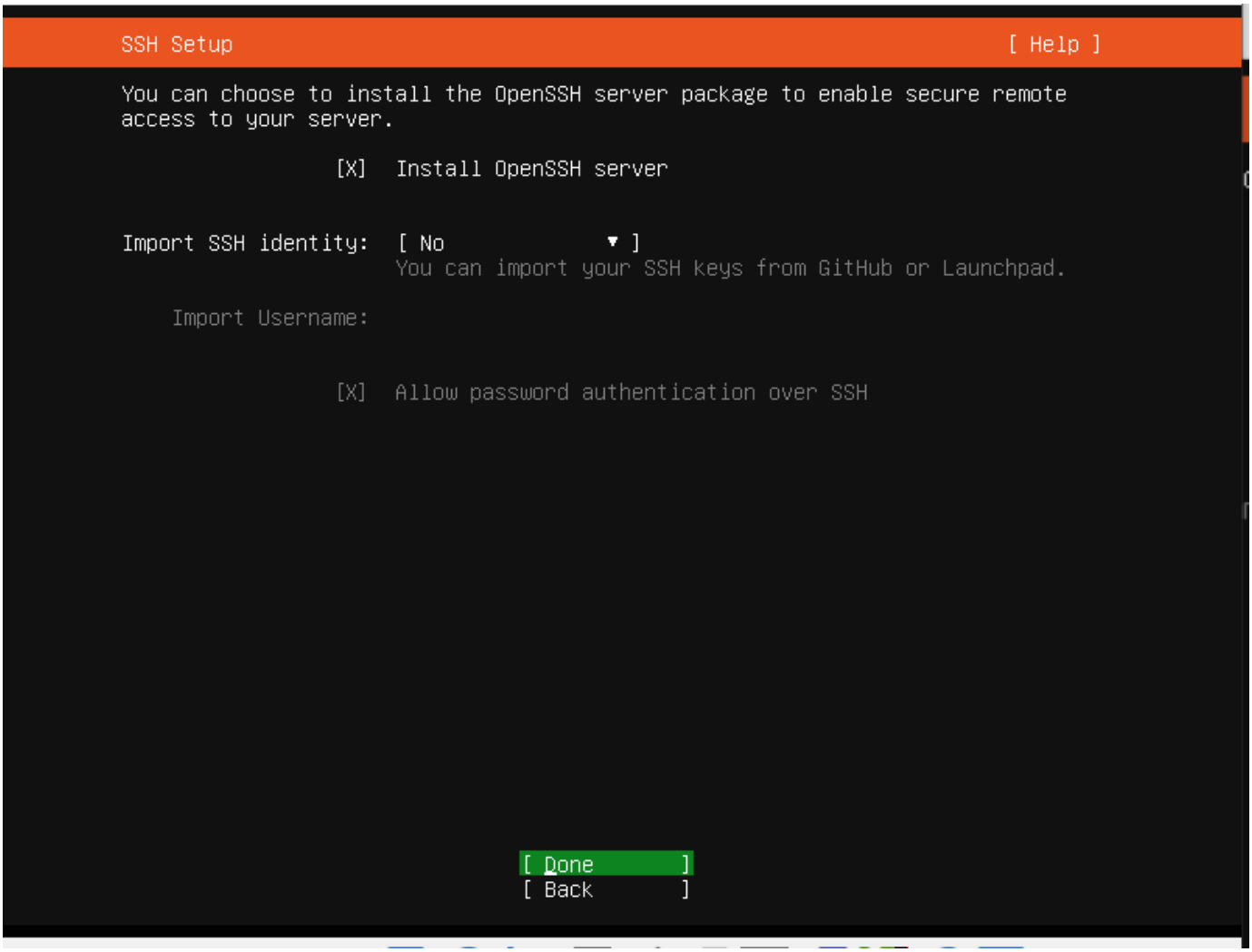
Step 5: set username and password -



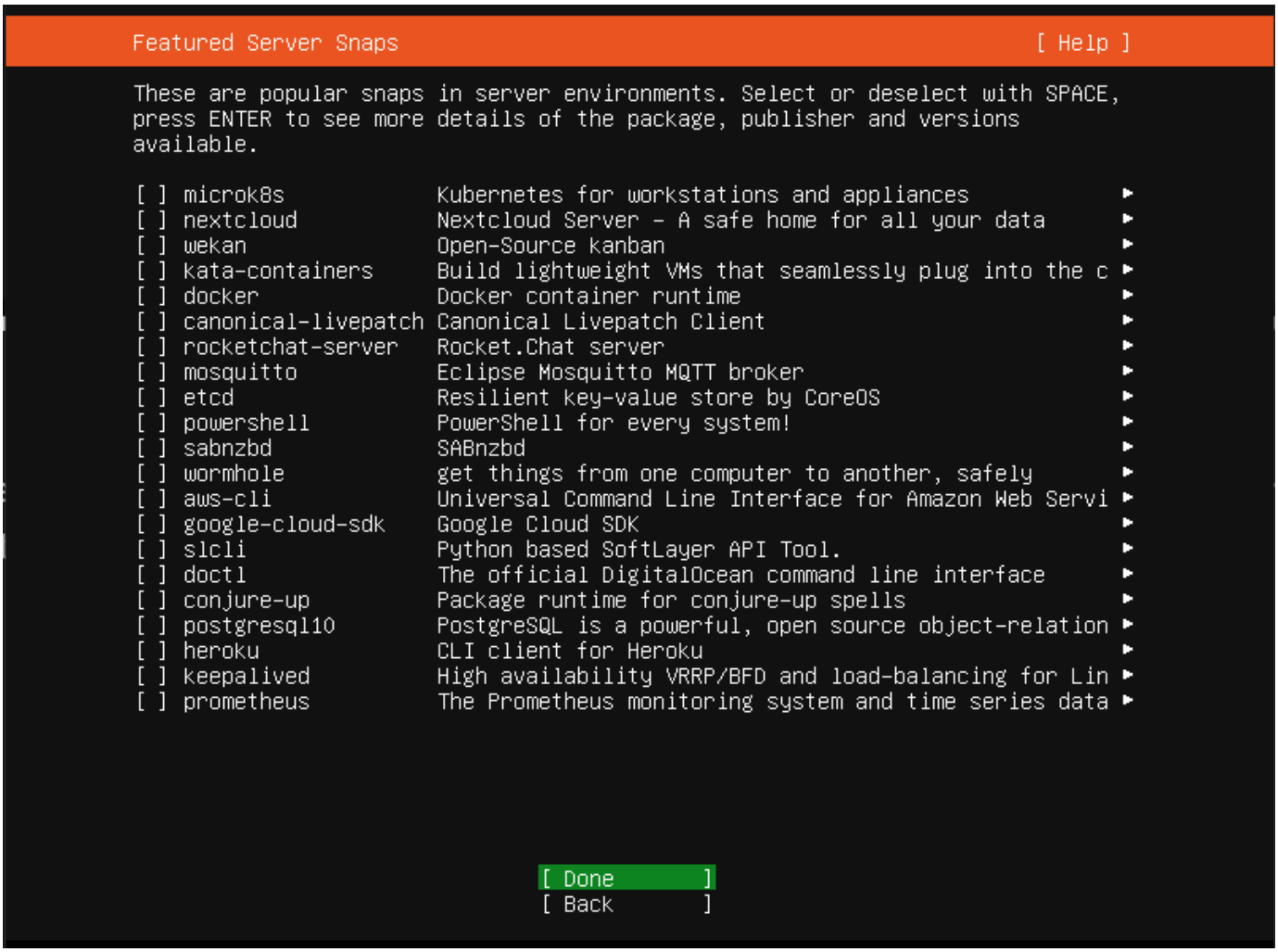
After setting up navigate to Done and press Enter. Leave the next part as is and press Enter :



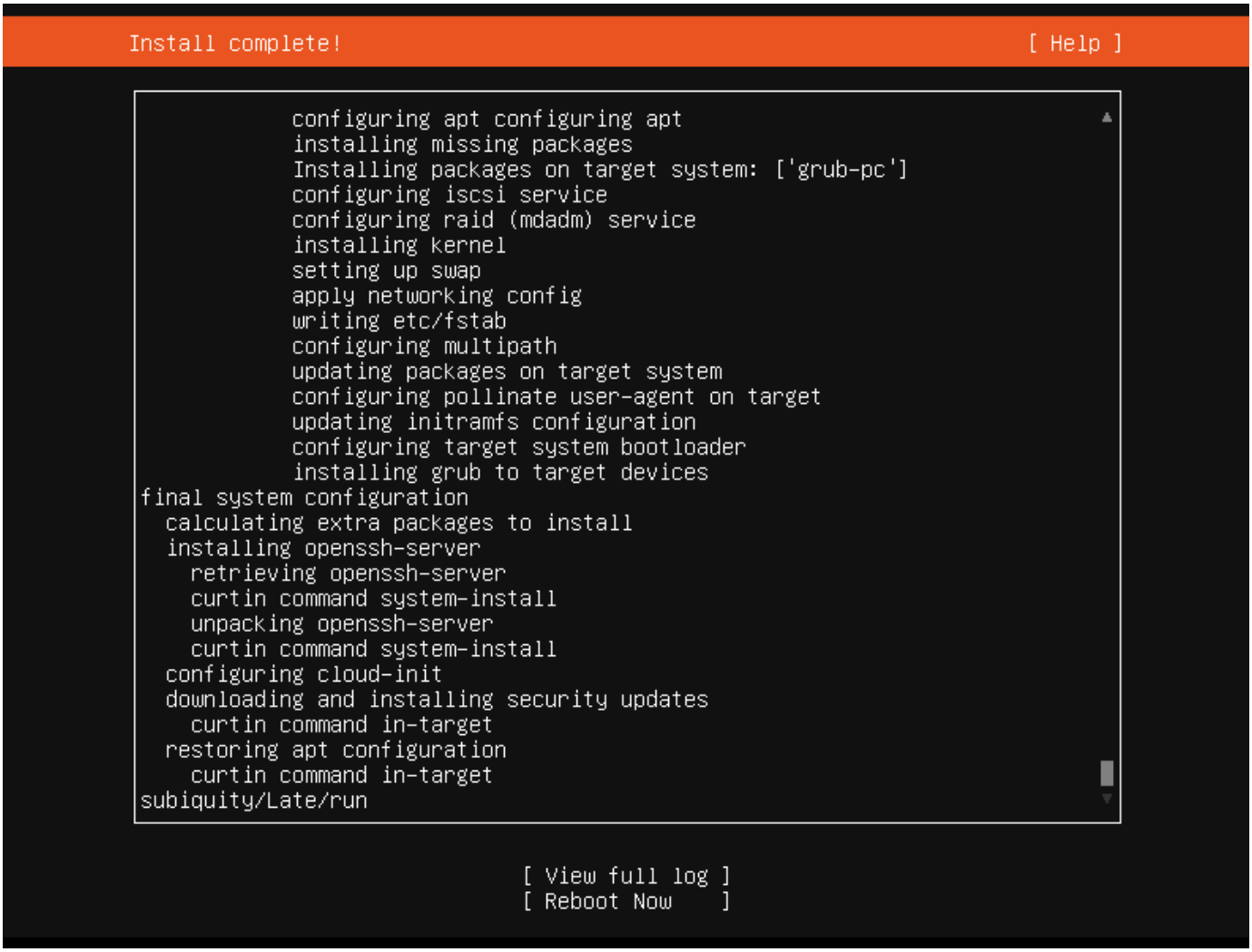
On the next installation screen press on Spacebar to select **"Install OpenSSH server"** tand then navigate down o Done and press Enter :



We done need any of the server snaps options so we would just navigate down to Done and press Enter :



Allow installation to run till completion. You will know it is done when you see a Reboot now at the bottom of the screen. Hit enter and wait for it to reboot :



During the booting process you'll see an error similar to this . To solve it you can just hit enter and let the boot process continue or remove the removable media or the mount we used to install the ubuntu server and hit enter. Either way works: