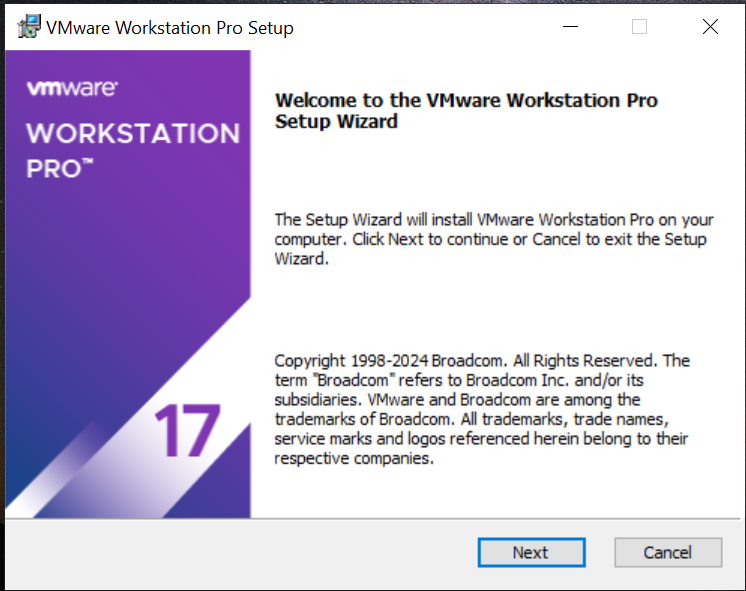
**LAB 1**

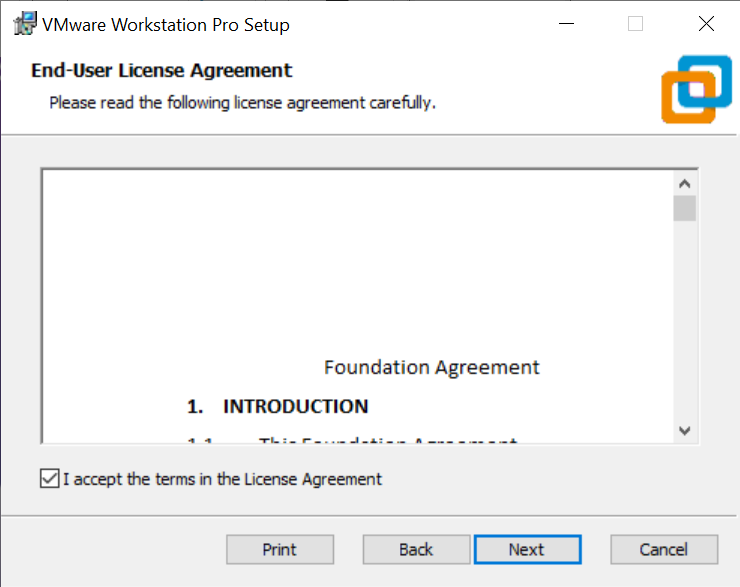
**NAME:** Amina Noor **REG NO:** 2023-BSE-007  
**CLASS:** BSE-5A

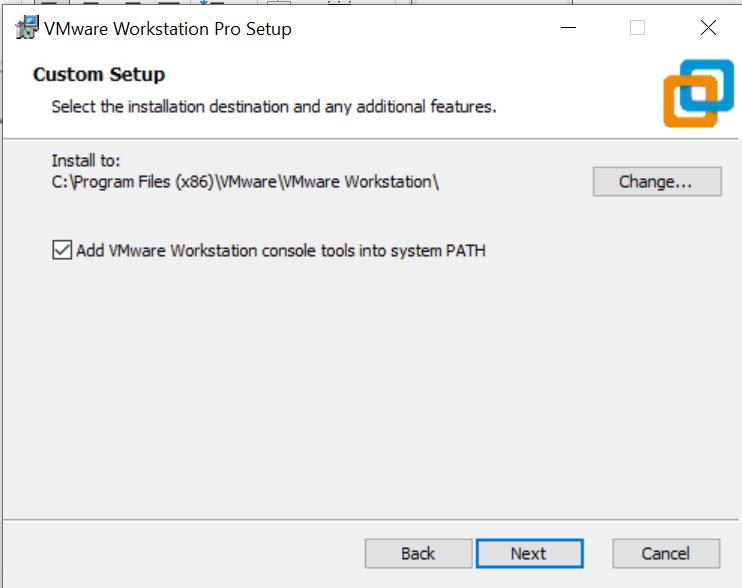
**SUBJECT:** CC

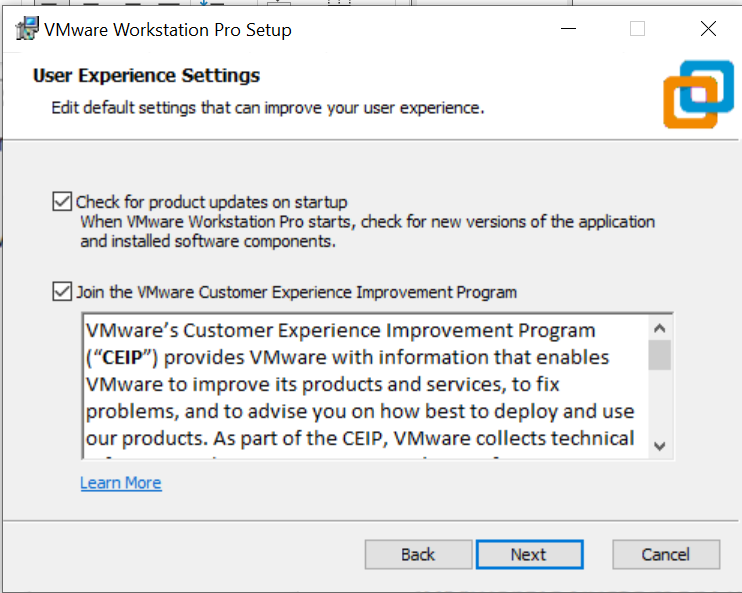
**TASK:**

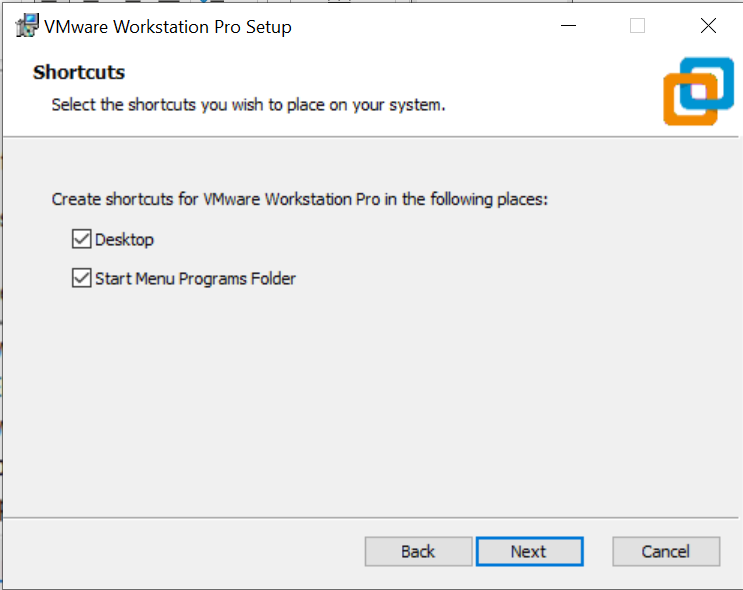
1. **Install VMware Workstation Pro.**

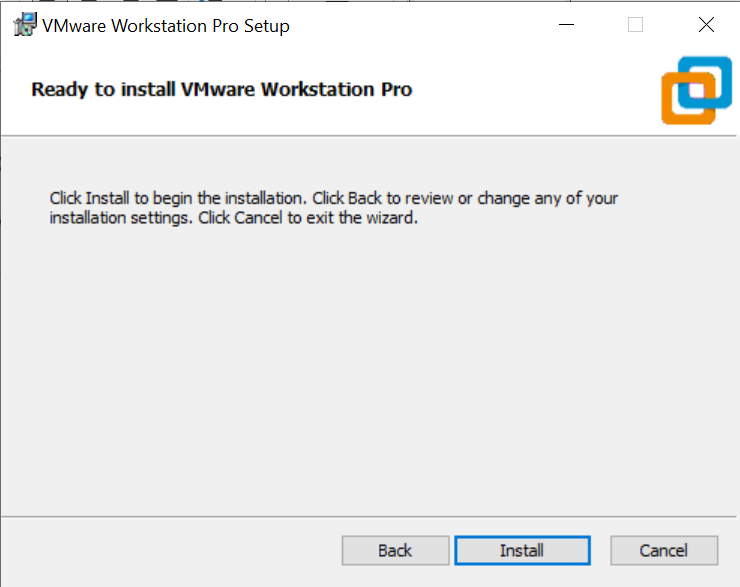


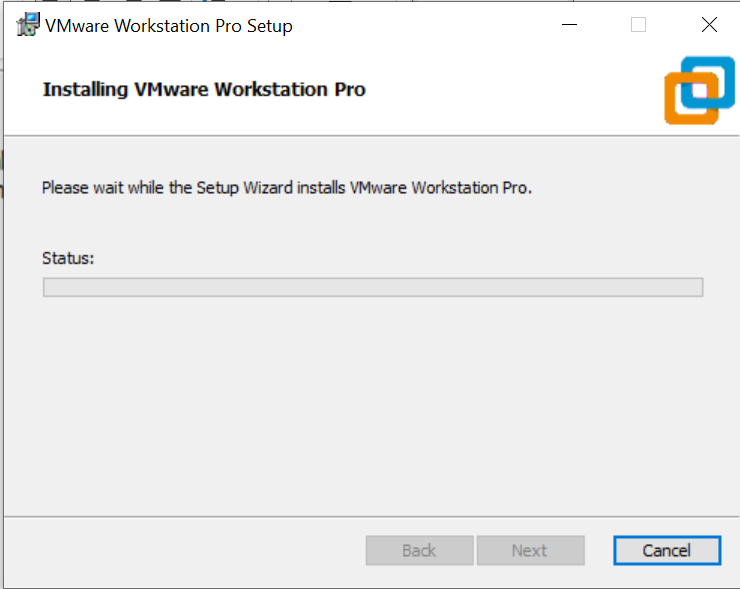


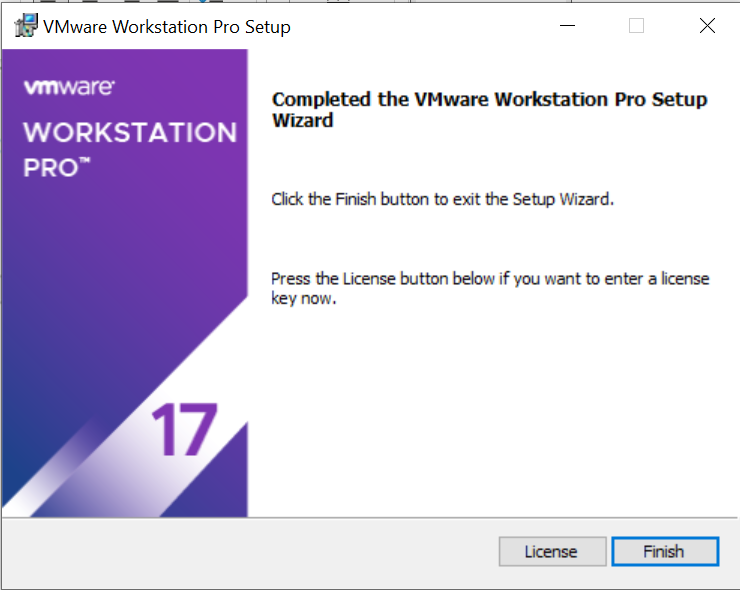


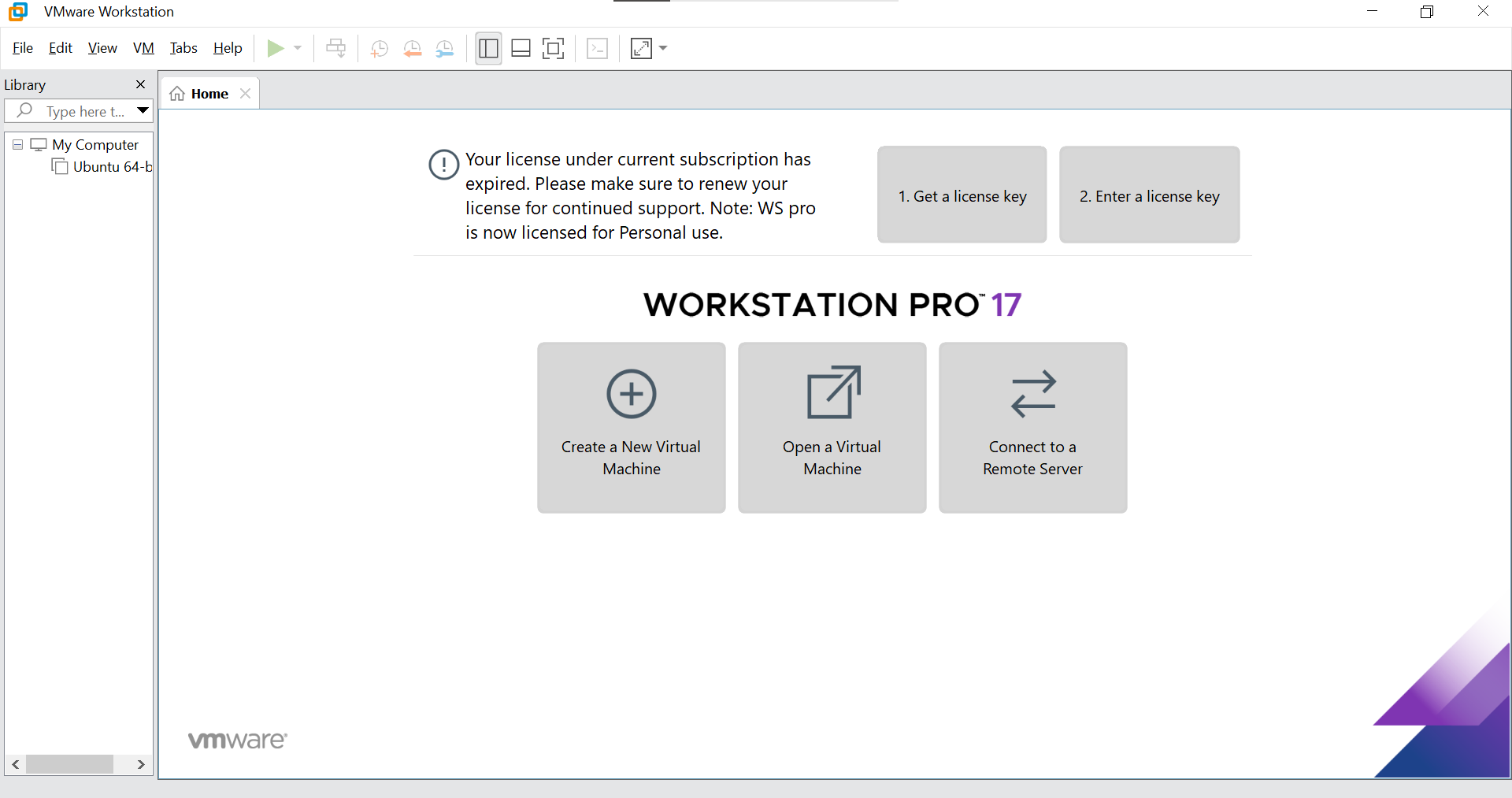




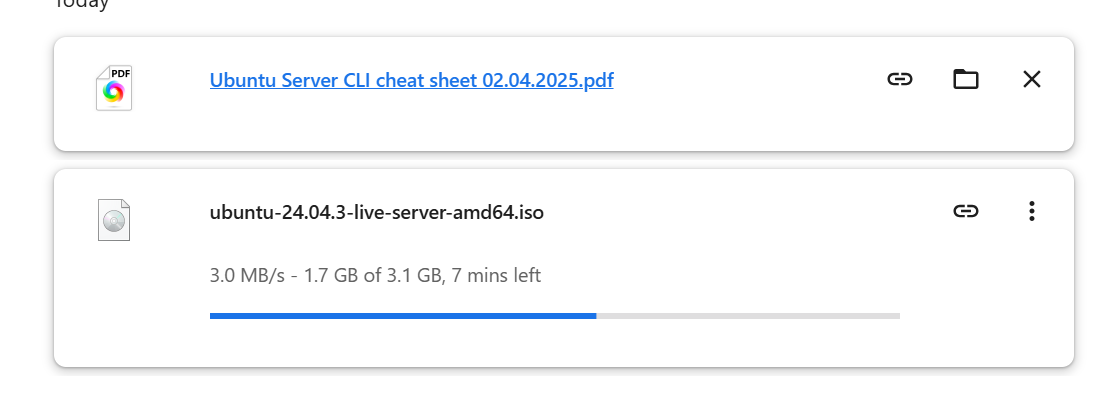


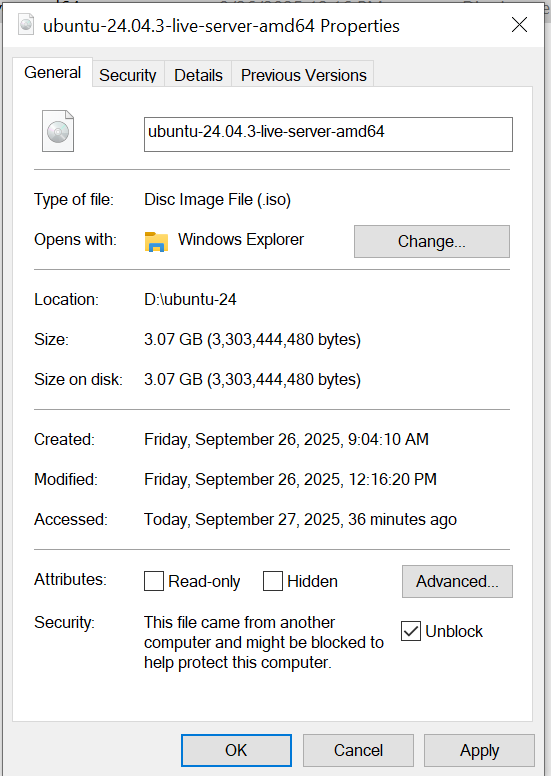






1. **Download Ubuntu Server ISO**

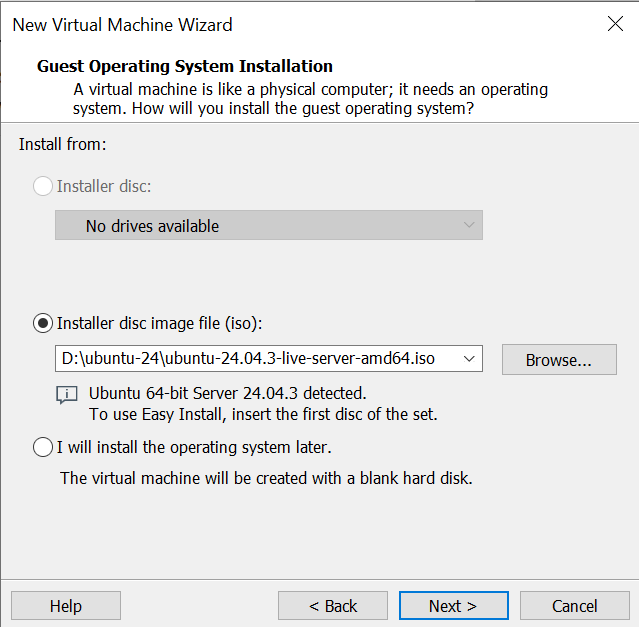


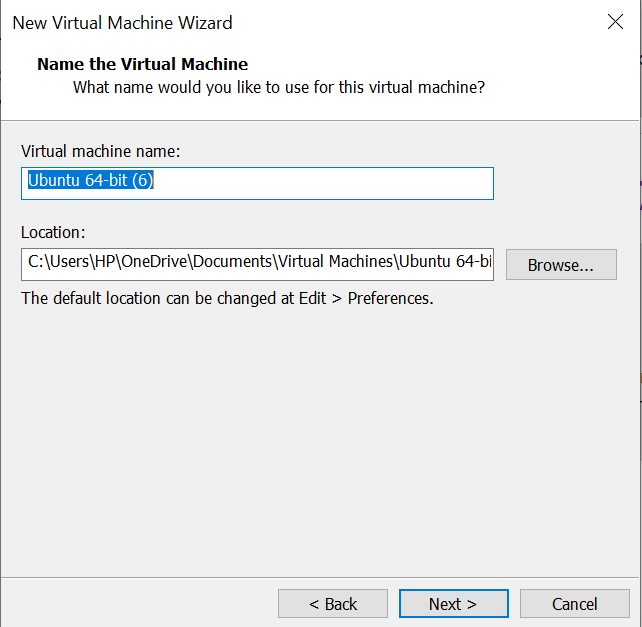


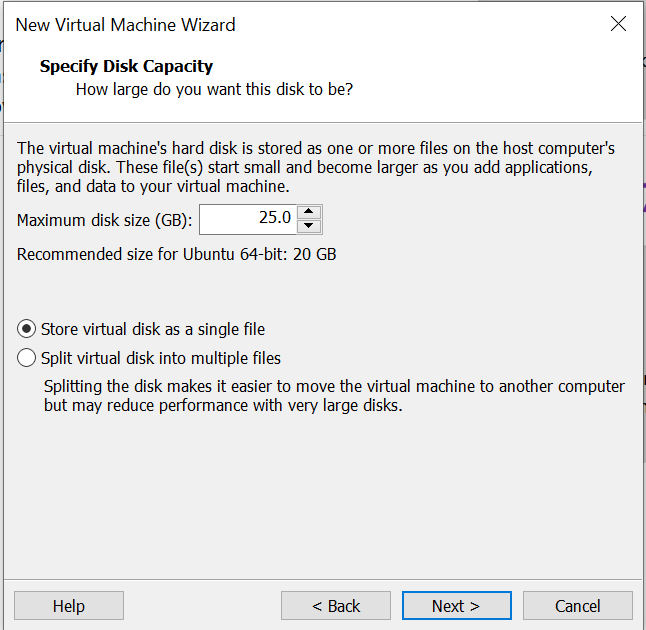
1. **Create a new virtual machine in VMware**

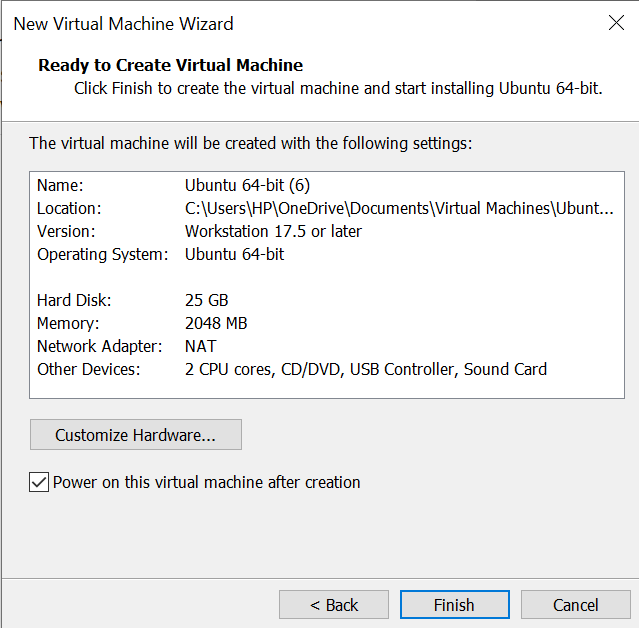
* Open VMware Workstation Pro.
* Click **Create a New Virtual Machine**.
* Select **Typical (recommended)**.
* When asked for installation media, choose **Installer disc image file (ISO)** and browse to the Ubuntu Server ISO you downloaded.
* Continue through the wizard, selecting the defaults unless otherwise instructed.

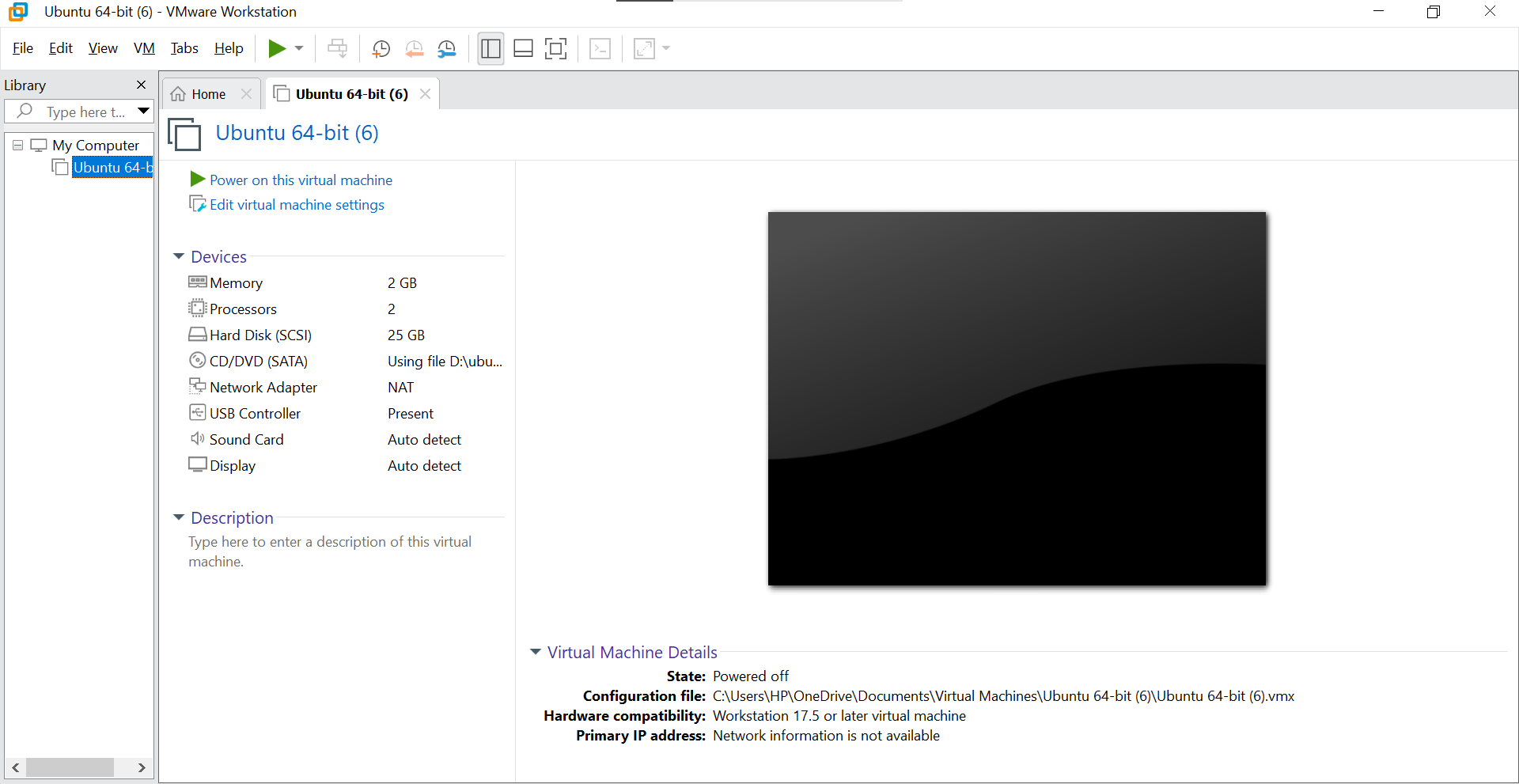






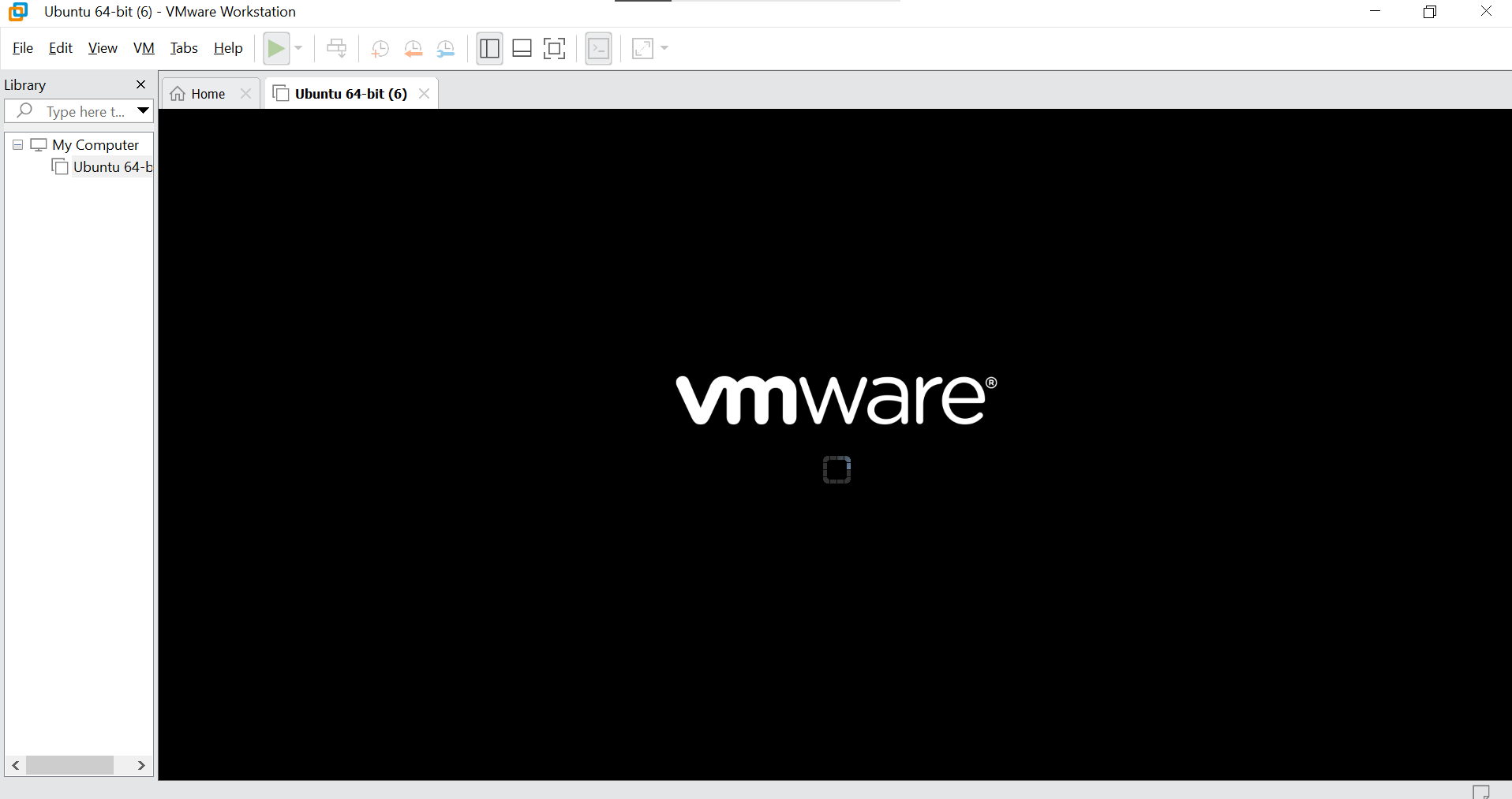




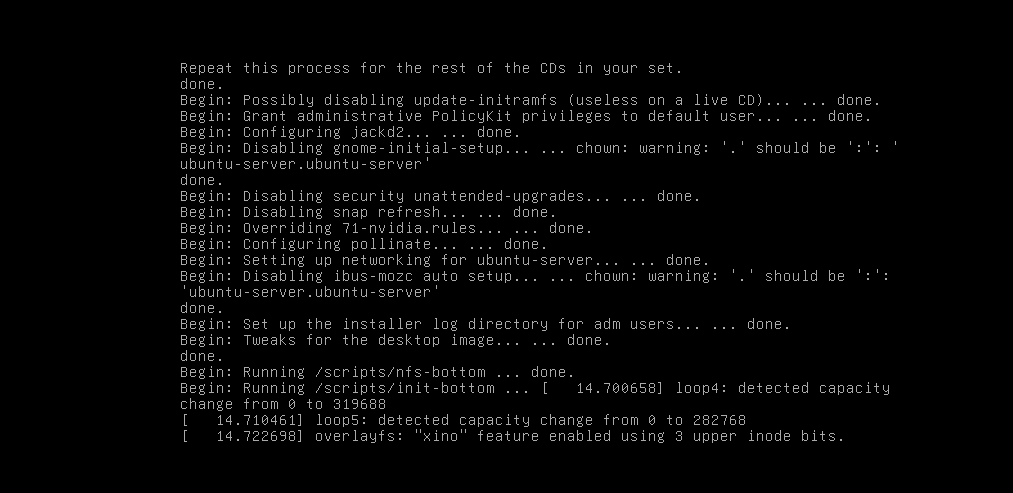


1. **Start the virtual machine**

* Once the VM is created, click Power on this virtual machine.
* The Ubuntu Server installer will boot using the ISO file.

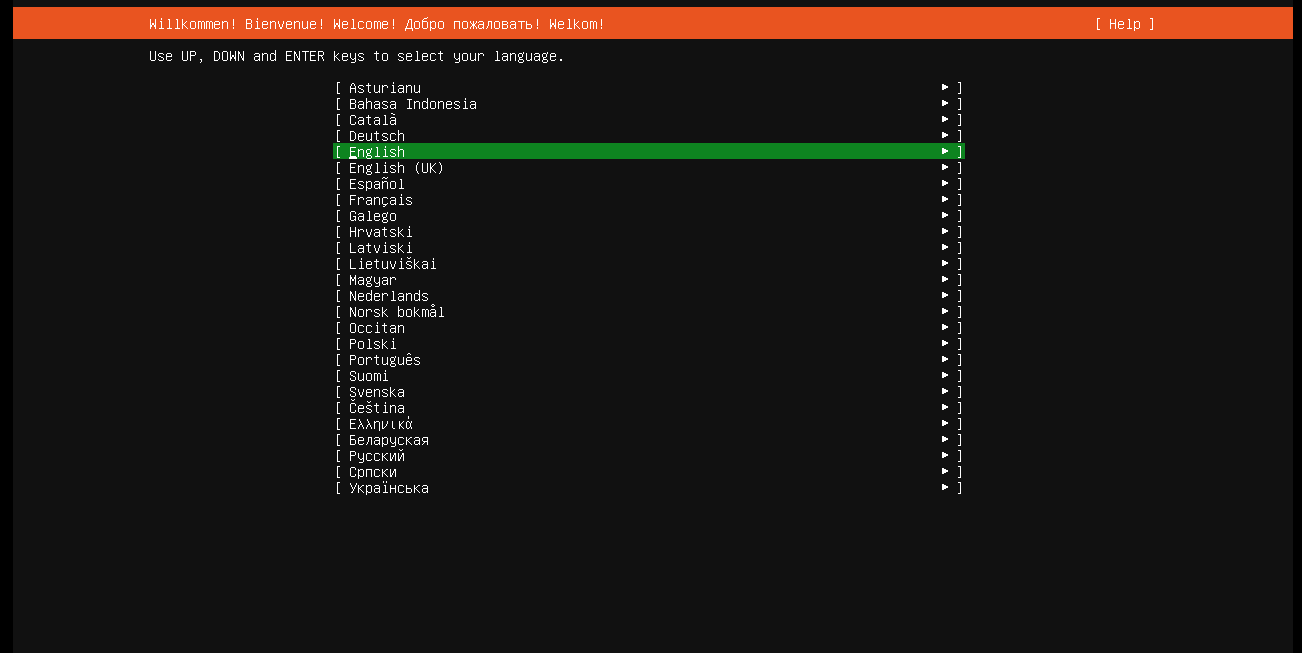




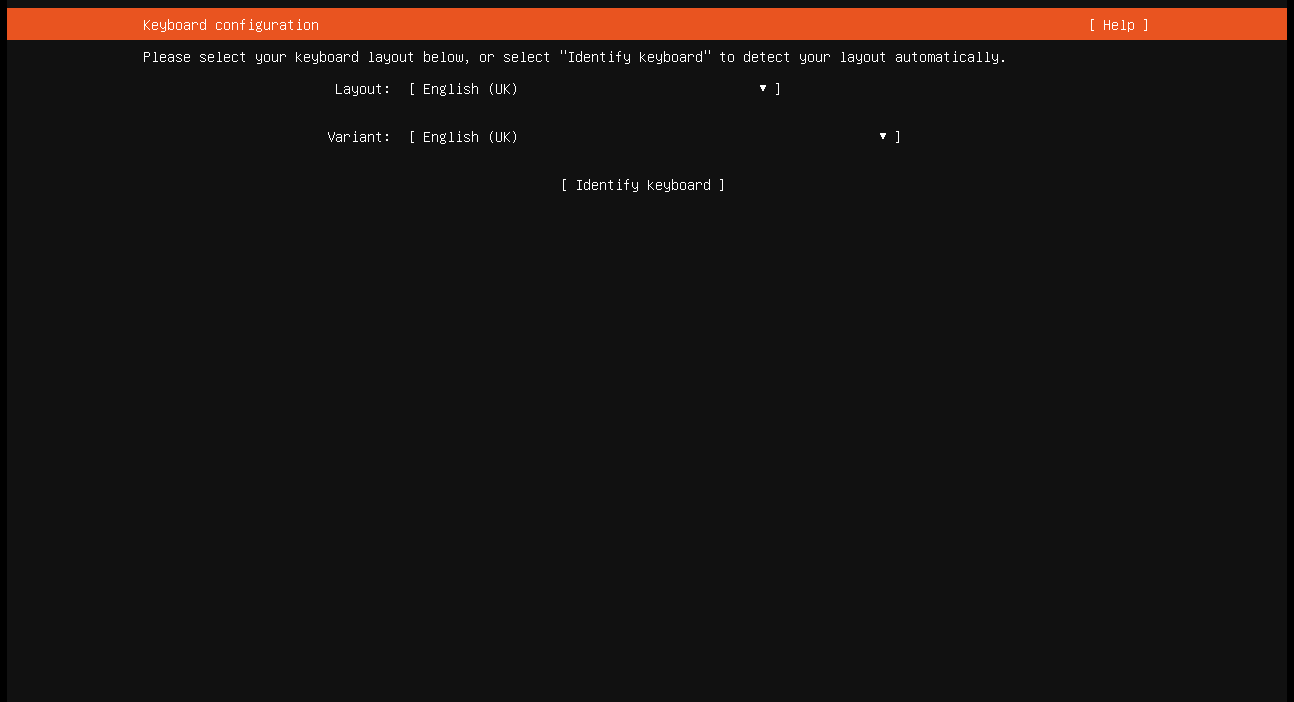


Scroll down using the arrow keys. When done, highlight **Done** at the bottom of the window and press Enter.

Choose your prefer language:

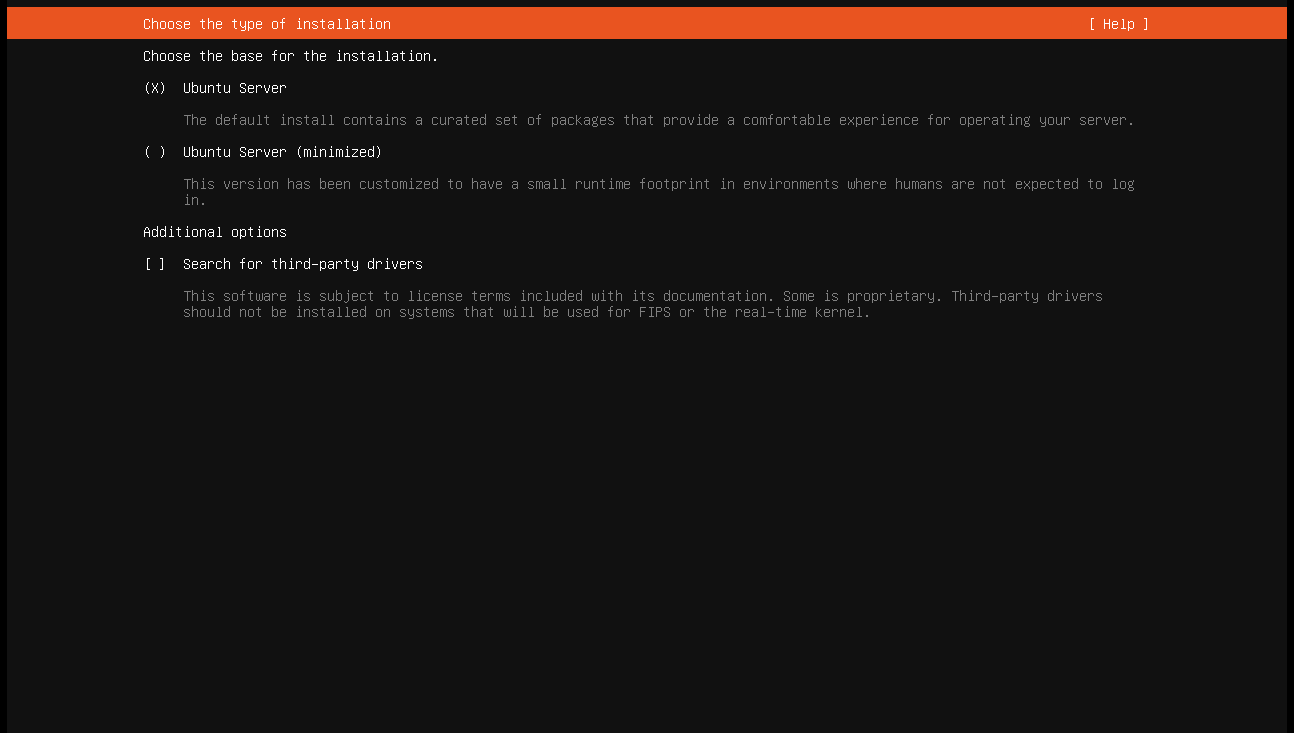


Choose the correct keyboard layout:

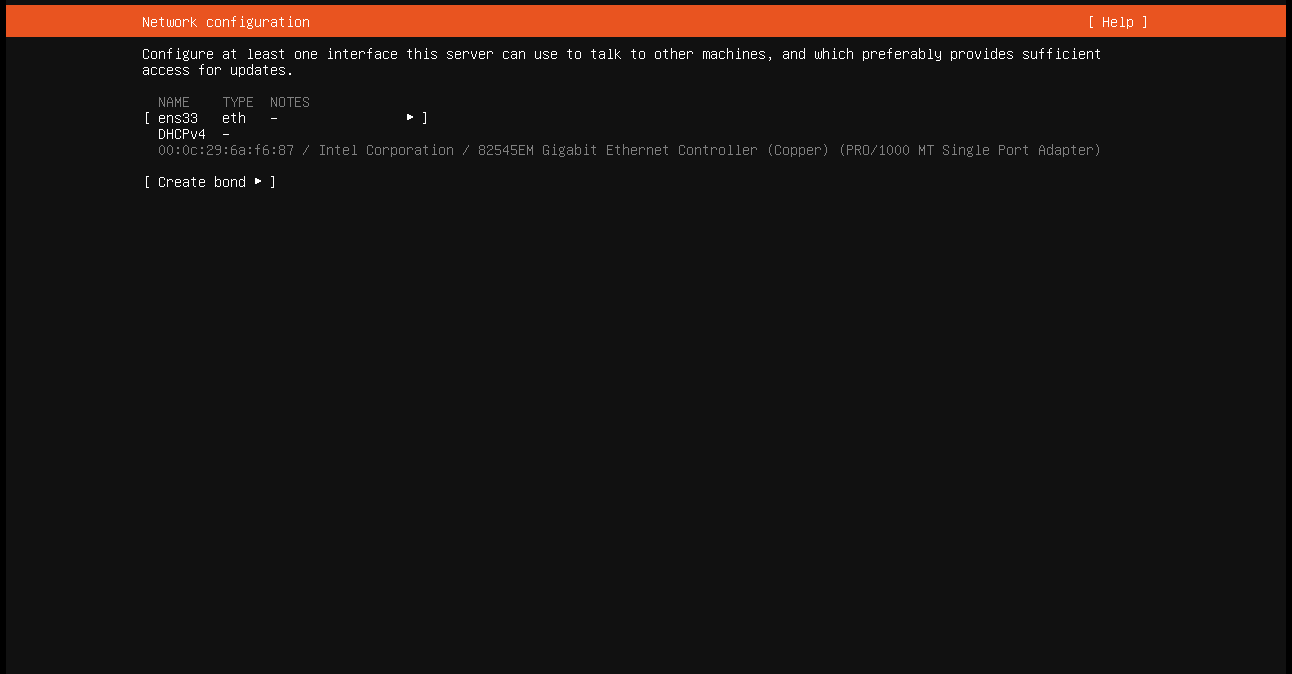


Choose your install:

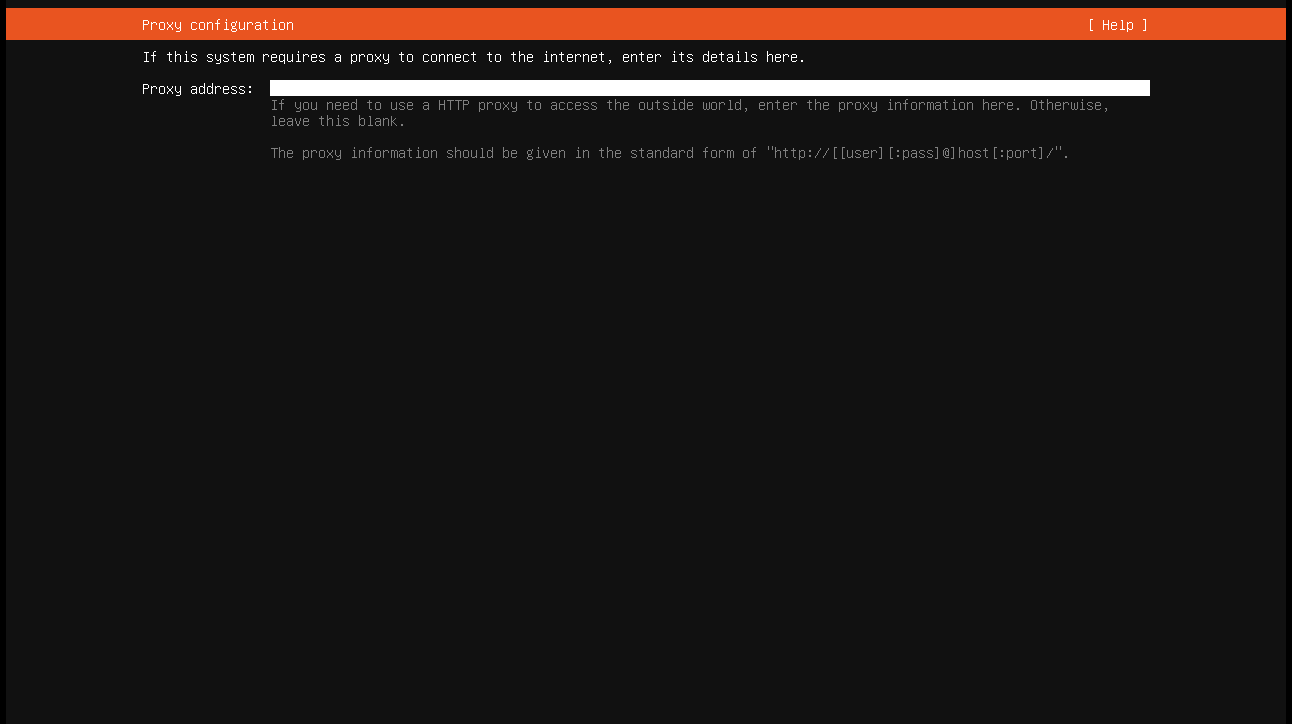
* When choosing, scroll down using the arrow keys and select with the spacebar. When an (x) appears inside the [ ] brackets, it means that option is selected.



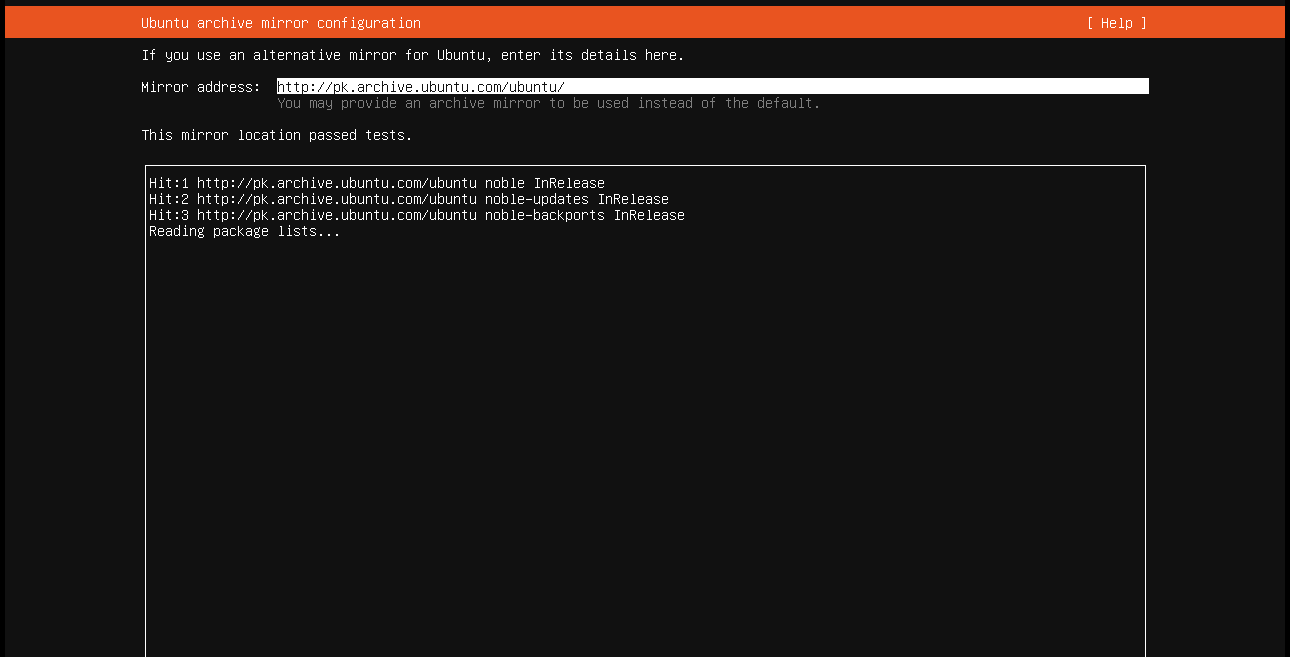
Networking:



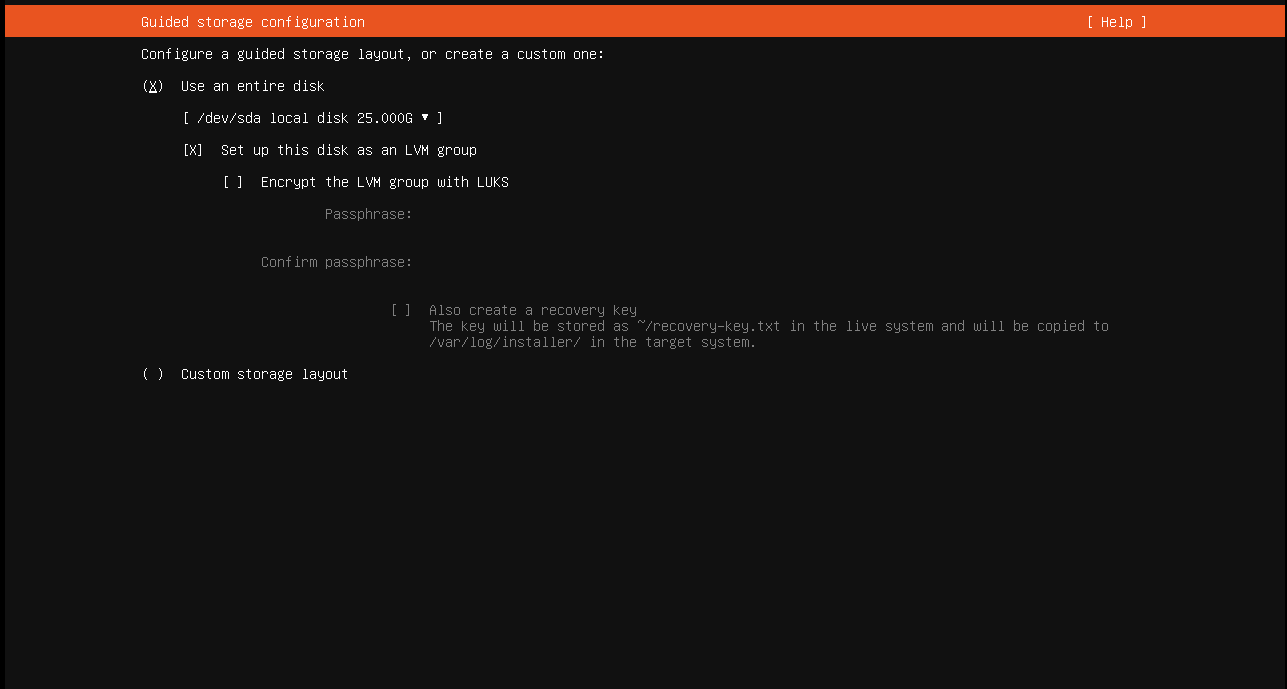
Configure proxy:



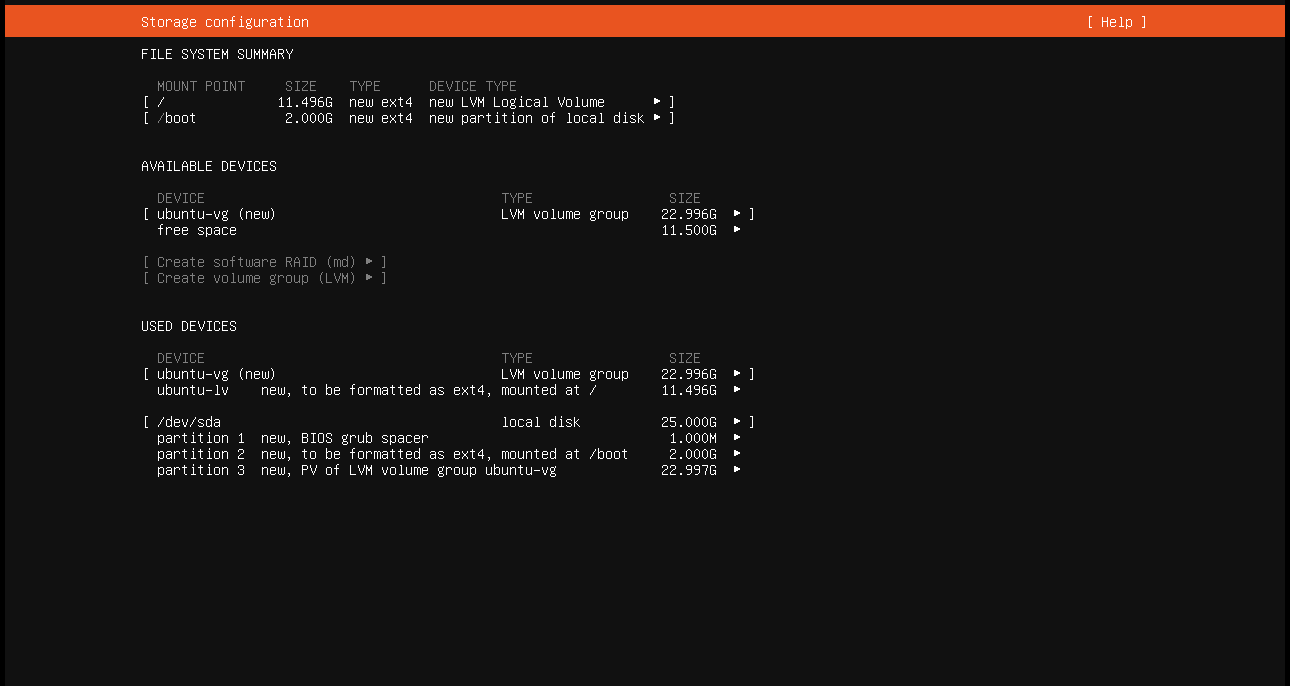
Configure ubuntu archive mirror:

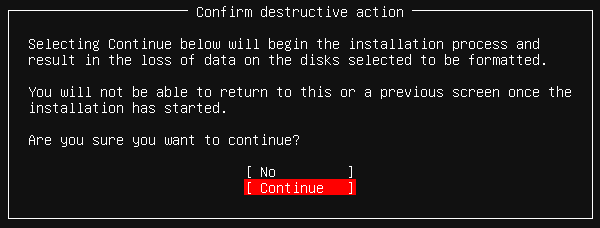


Configure storage guide:



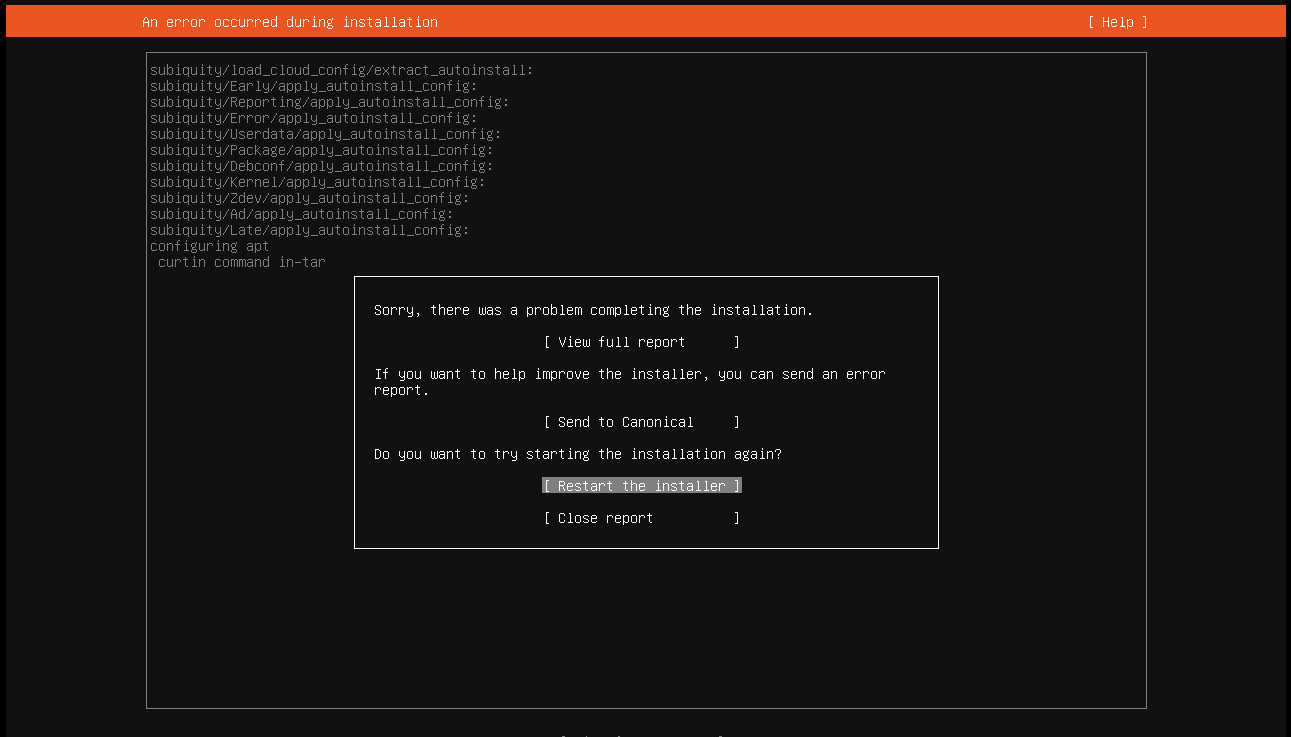
Storage Configuration:





Set up a profile:

Error



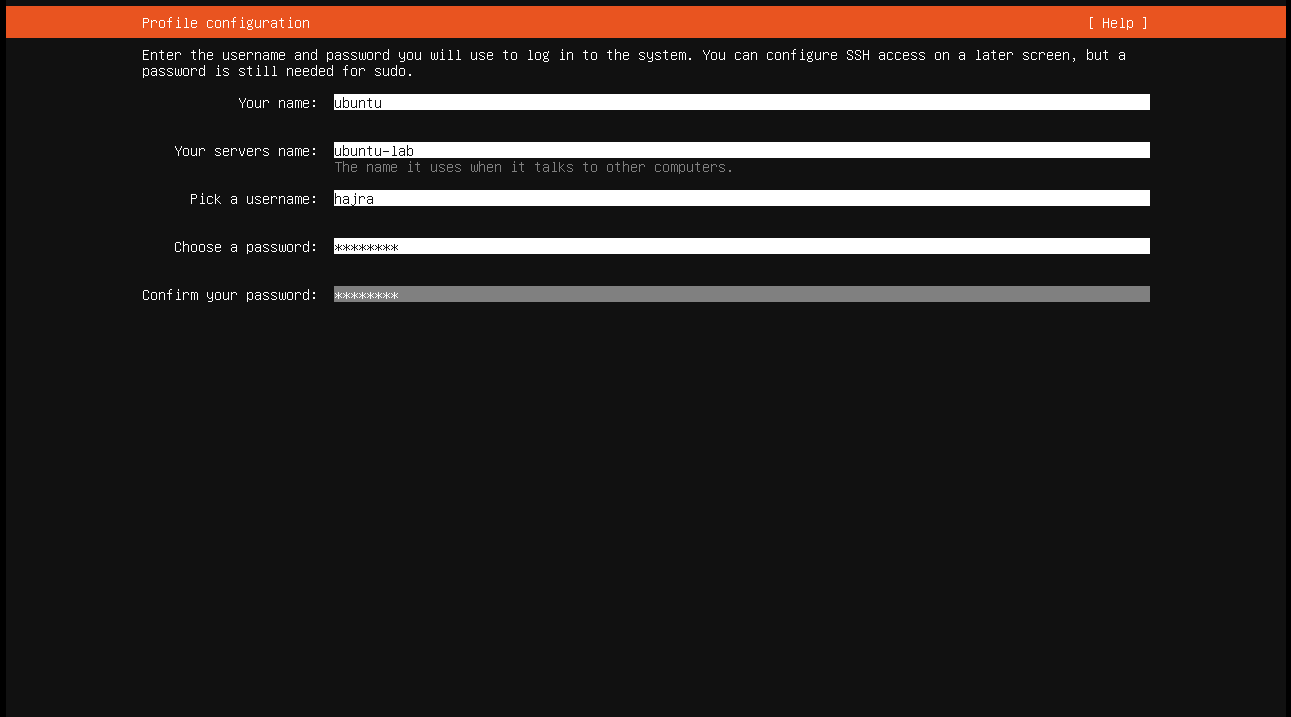
This usually means the installer (subiquity with curtin) had trouble during the **APT package configuration step**. Common causes are:

1. You did not check the ‘**Unblock**’ security option in the properties of the Ubuntu Server file.
2. **No internet connection** (APT cannot fetch required packages).
3. **Bad mirror or repo unreachable** (network timeout or blocked domain).
4. **Corrupted ISO** (installer cannot unpack packages).
5. **Insufficient disk space or partitioning issue**.

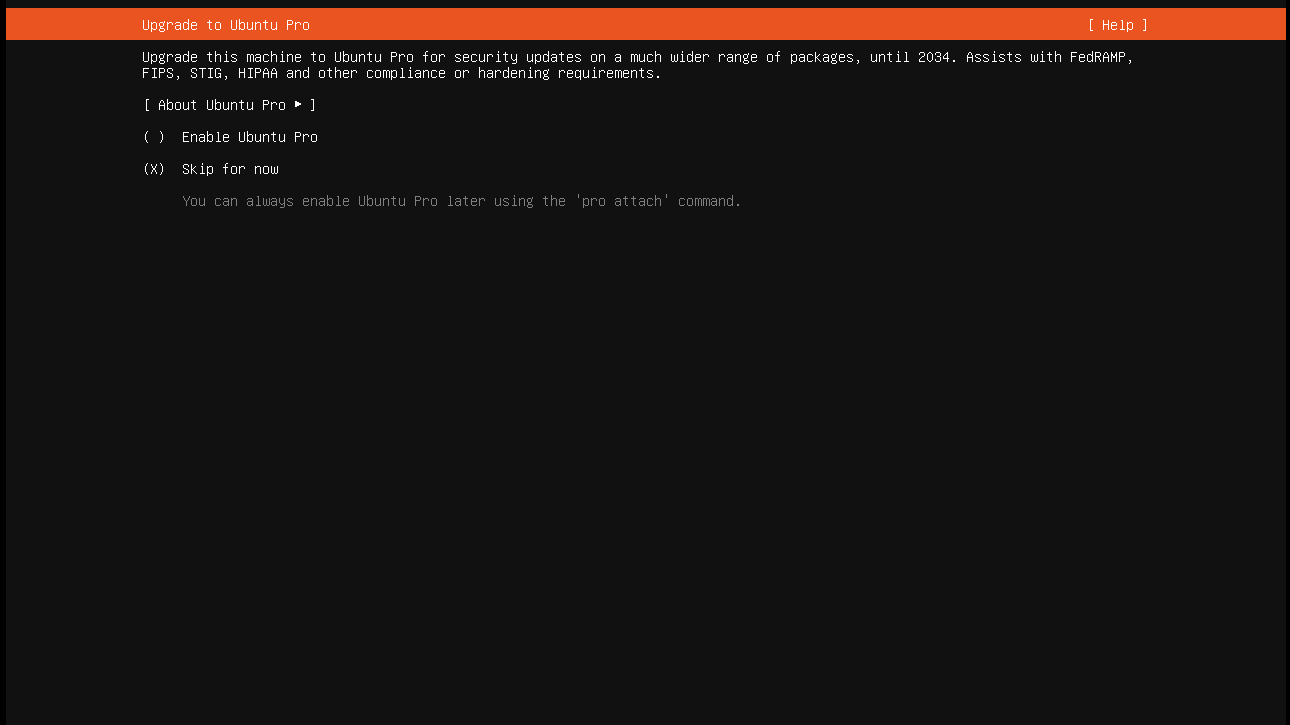
**Virtual machine misconfiguration** (if using VMware, VirtualBox, Hyper-V, etc. – sometimes storage controllers cause problems).

Check these problems one by one, and after solving each problem, start again from Step 4 (Start the virtual machine).

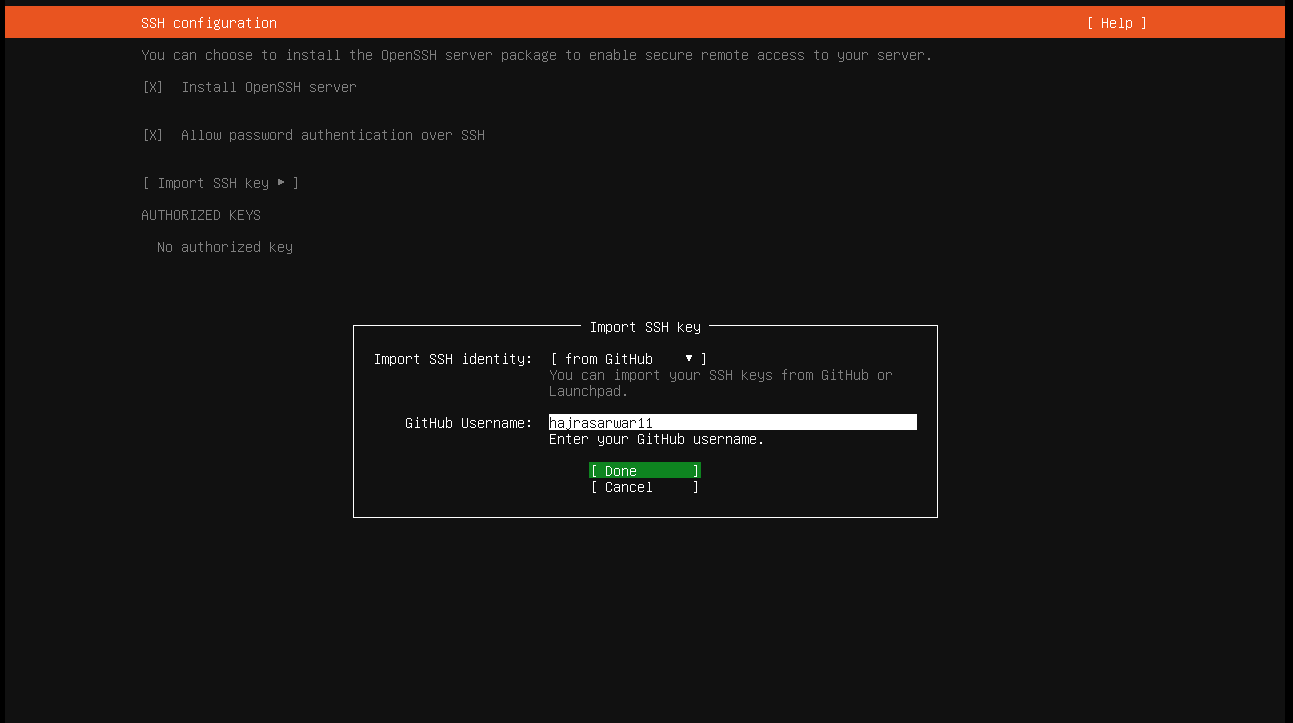
Set up a profile:

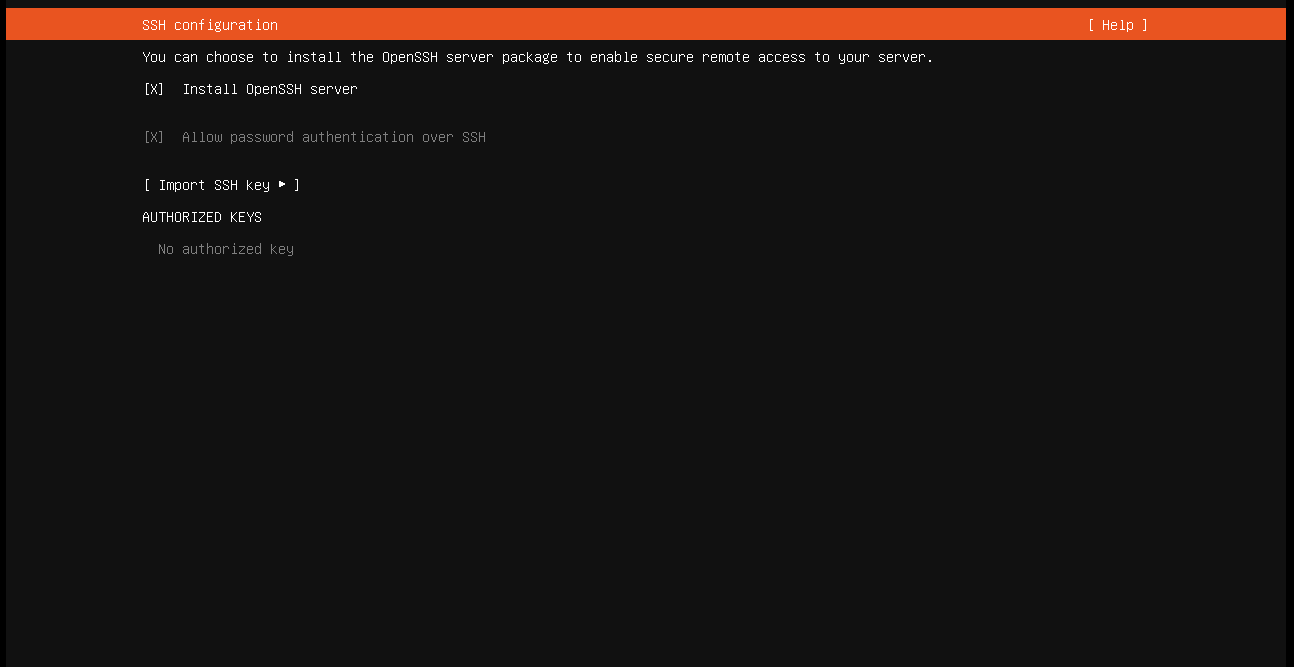


Upgrade to ubuntu Pro:

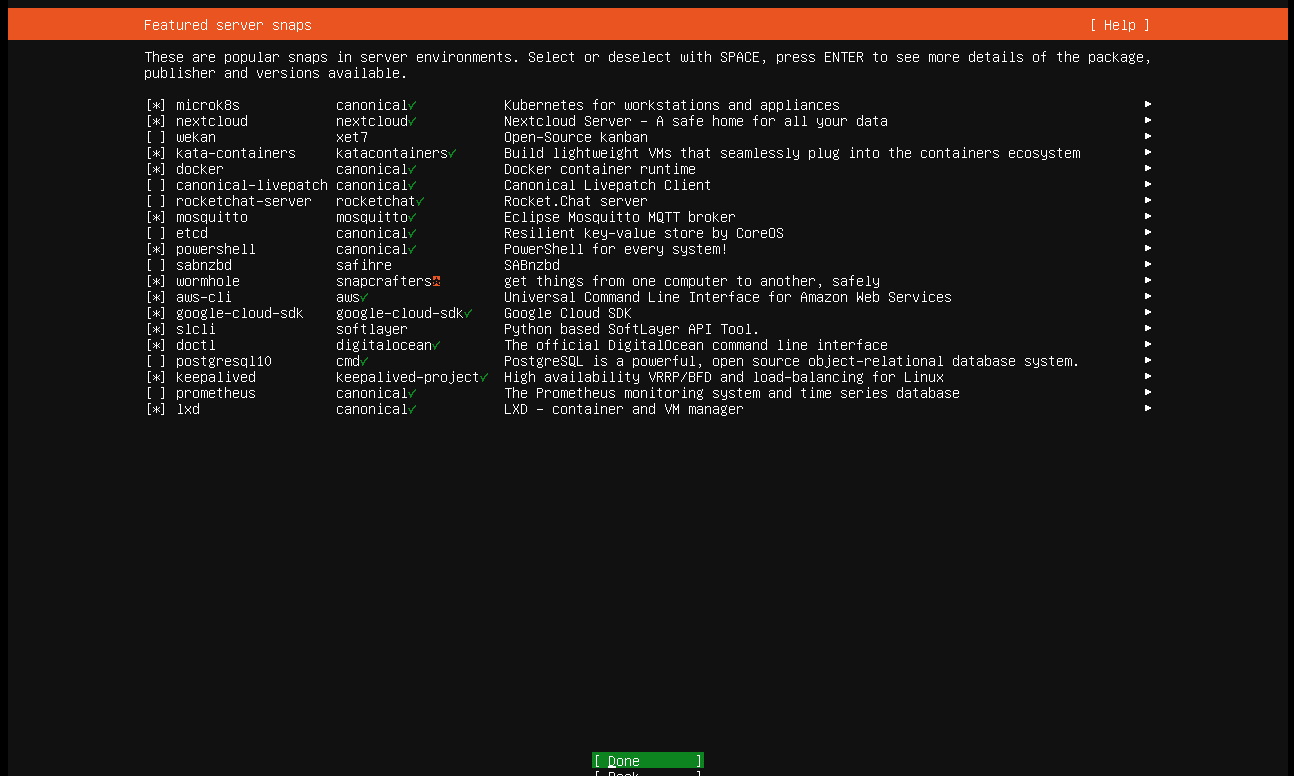


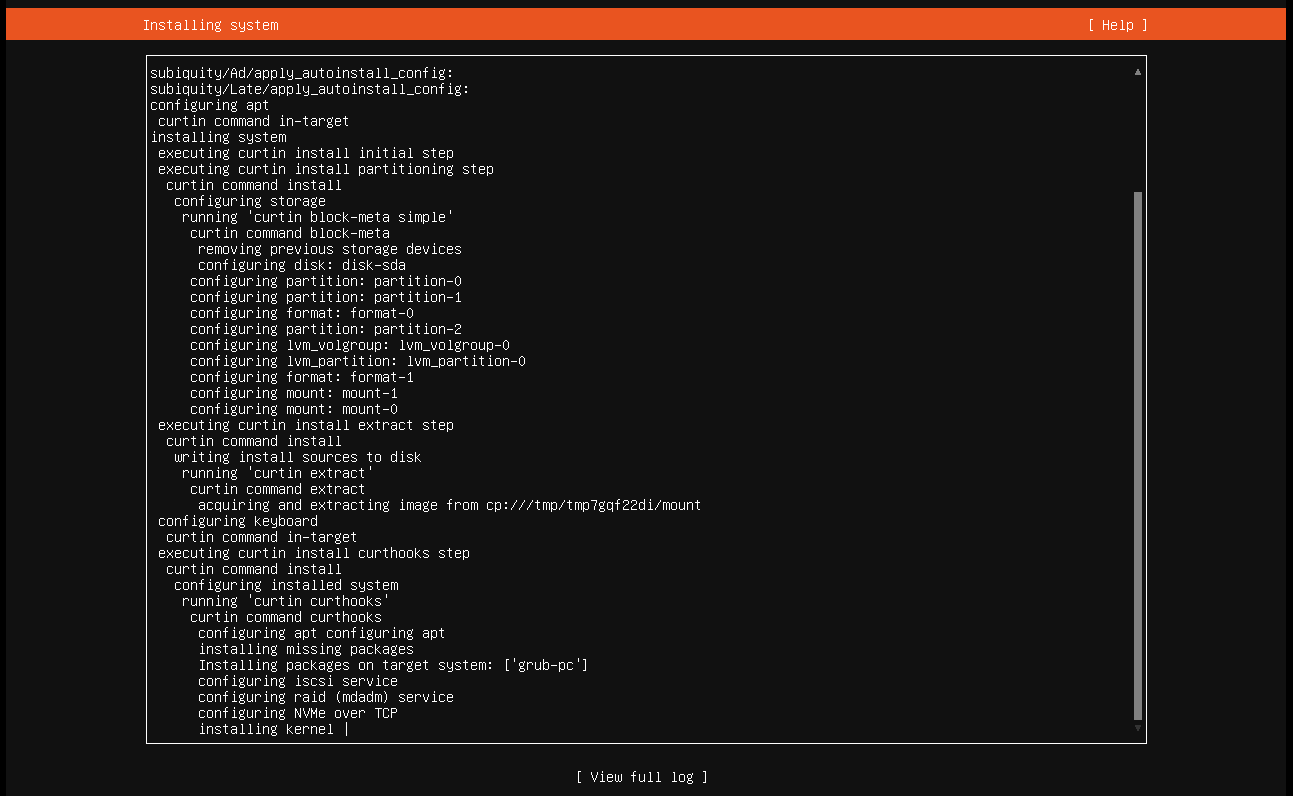
SSH Configuration:

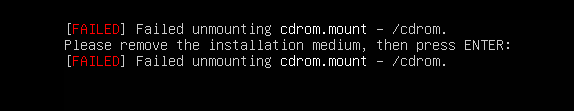




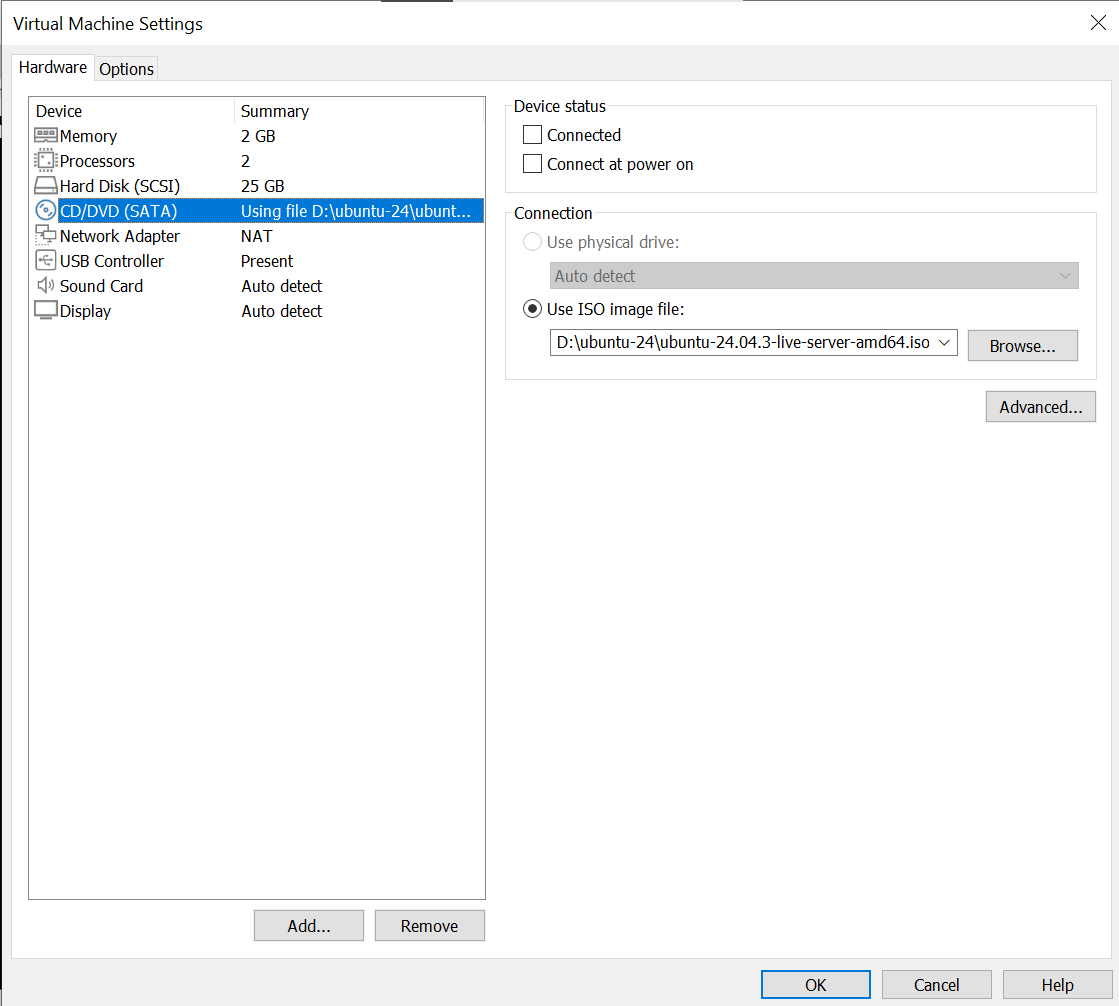
Featured Server snaps:

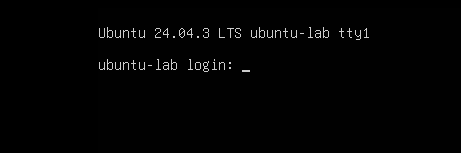


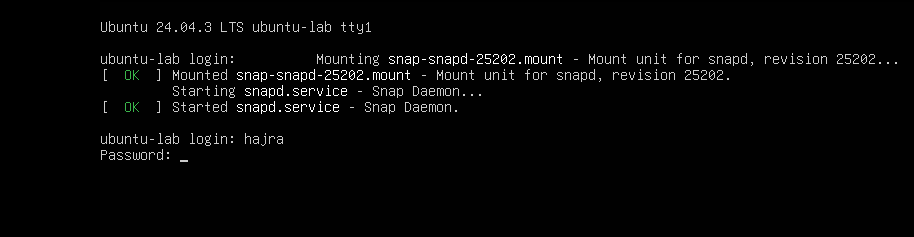
 Install Software:

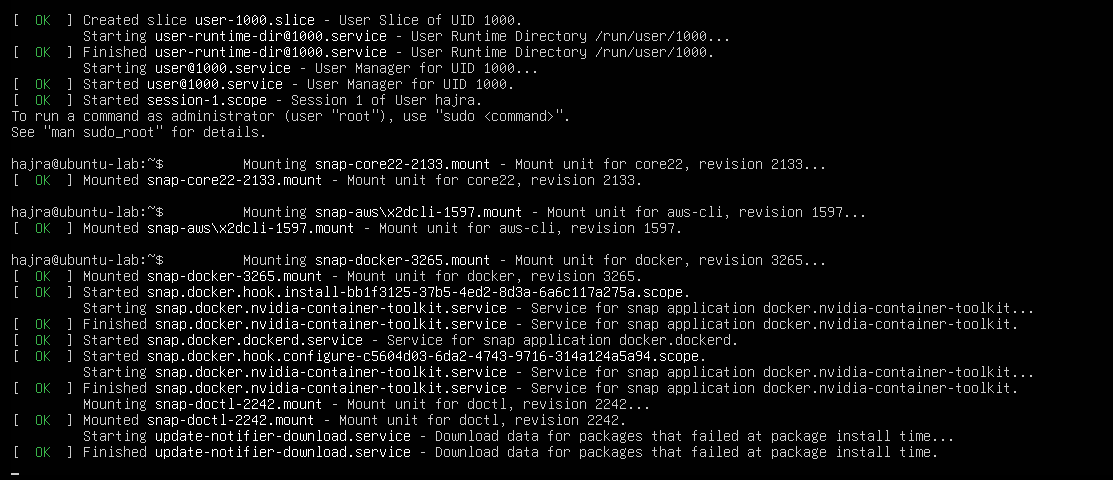
 Error:

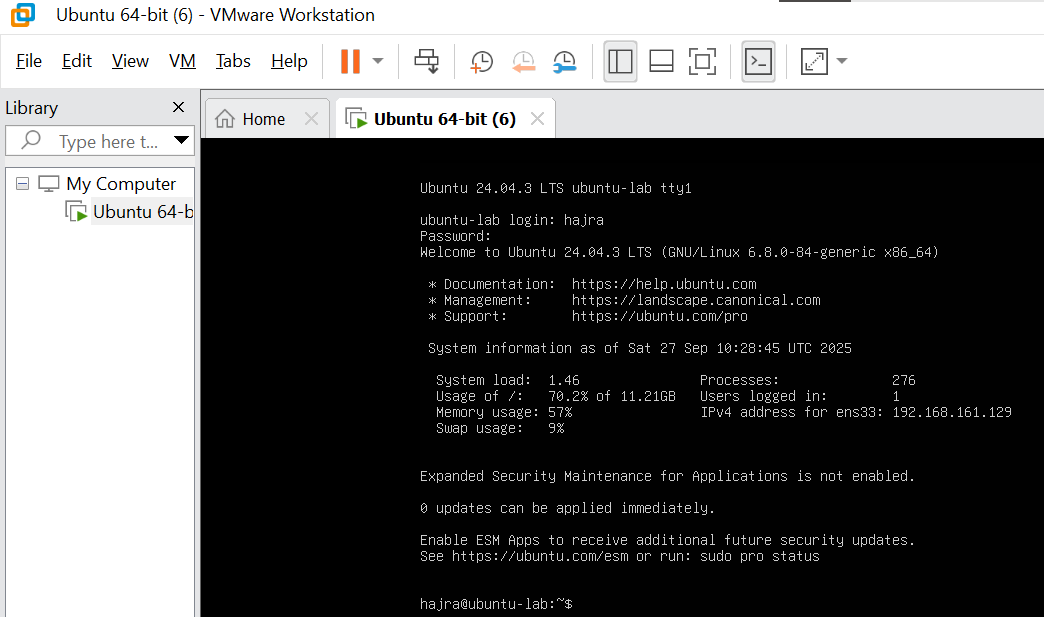
Go to Virtual Machine setting, click CD/DVD… 🡪 uncheck Connected and connect at power on Boxes 🡪 OK.



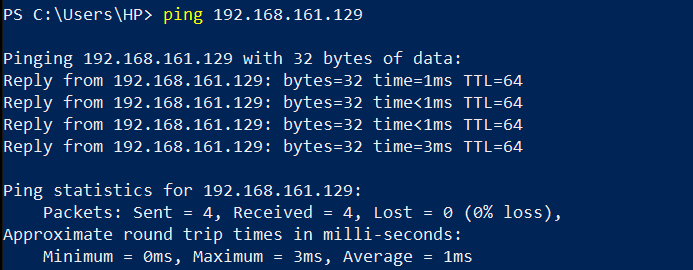


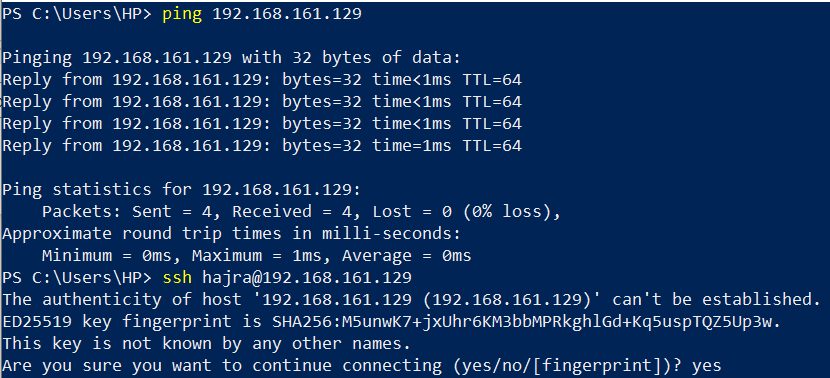


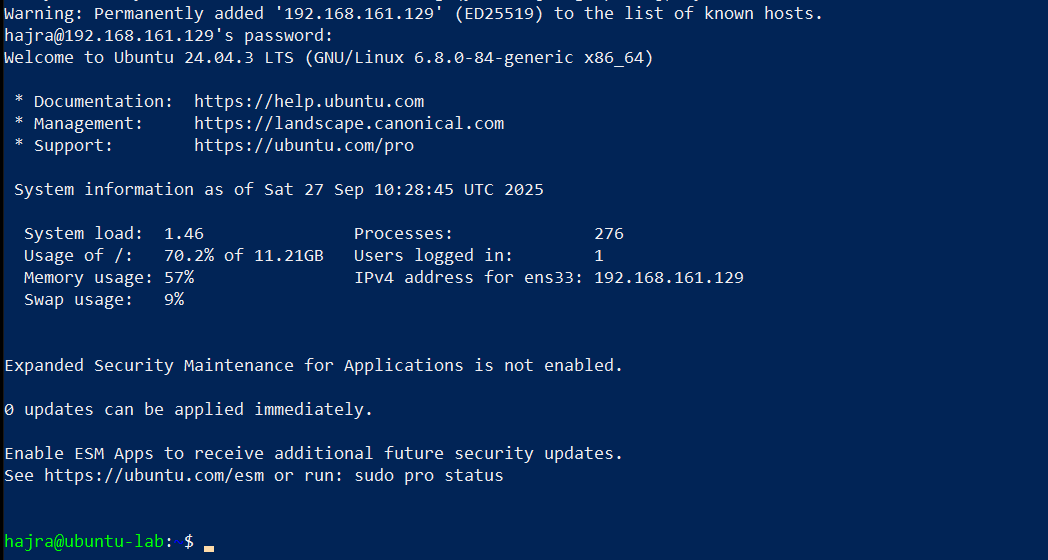




Ubuntu Server Installed Successfully.

1. **Accessing your Ubuntu Server from Windows**
2. Find the IP address of your Ubuntu Server using “ip addr”
3. Connect via SSH from Windows
4. **Accept the fingerprint** (first time only)  
   Type yes when prompted.



1. **Enter your password**  
   Use the same password you set up during the Ubuntu Server installation.