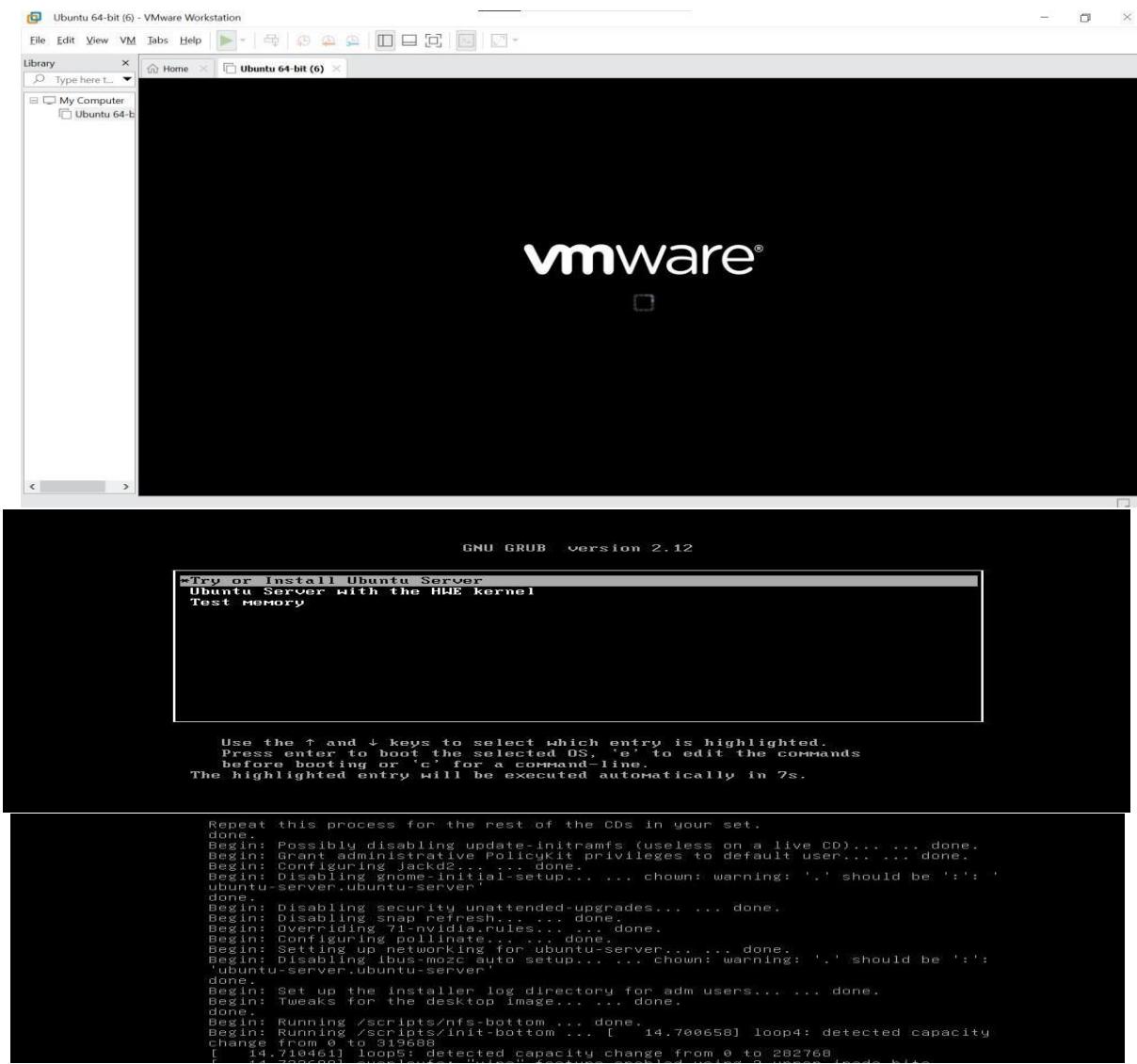


NAME: Sadaf Riaz
Registration No: 2023-BSE-073
CLASS: BSE-5B

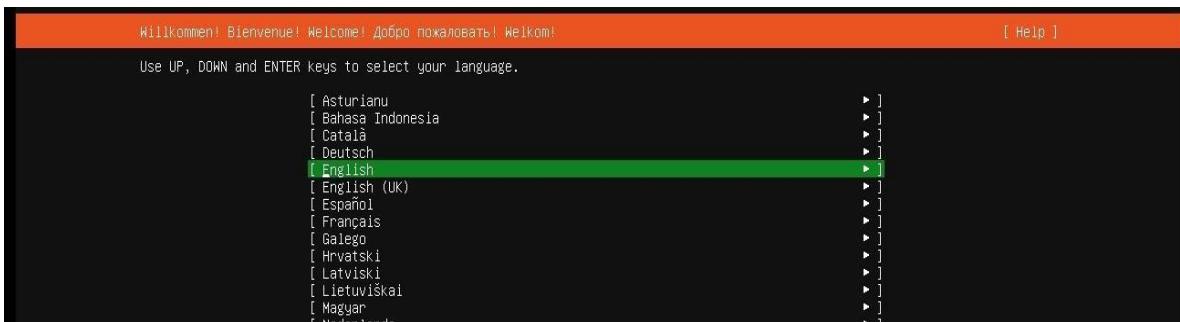
4. Start the virtual machine

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

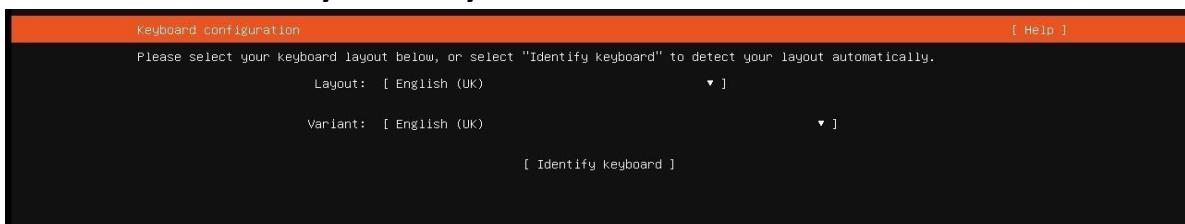


Scroll down using the arrow keys. When done, highlight **Done** at the bottom of the window and press Enter.

Choose your prefer language:

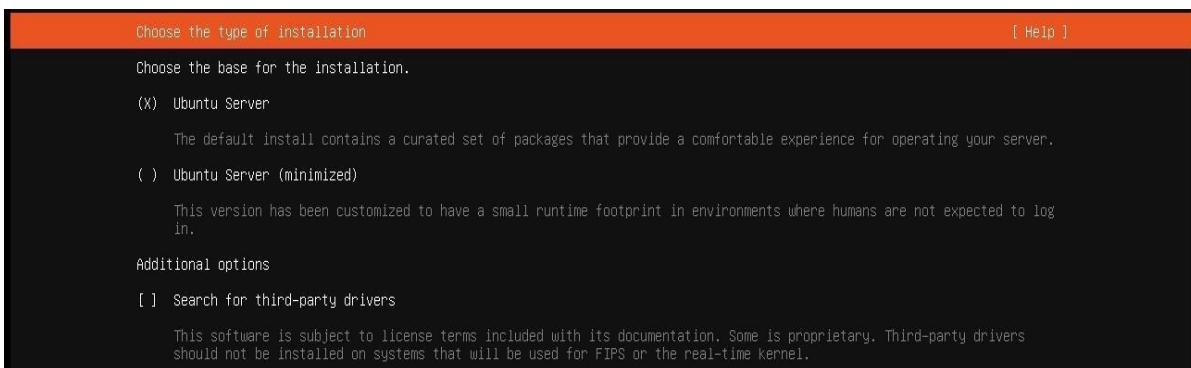


Choose the correct keyboard layout:

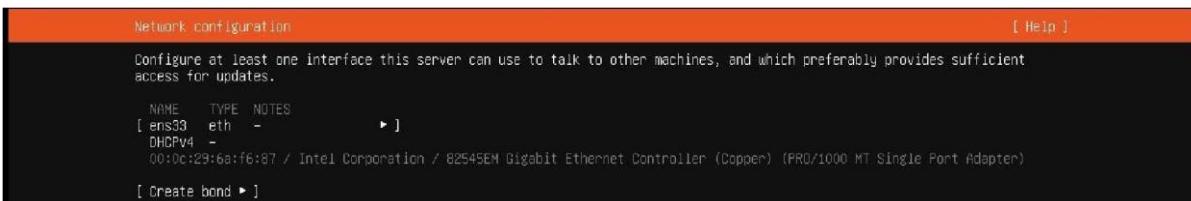


Choose your install:

- 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.



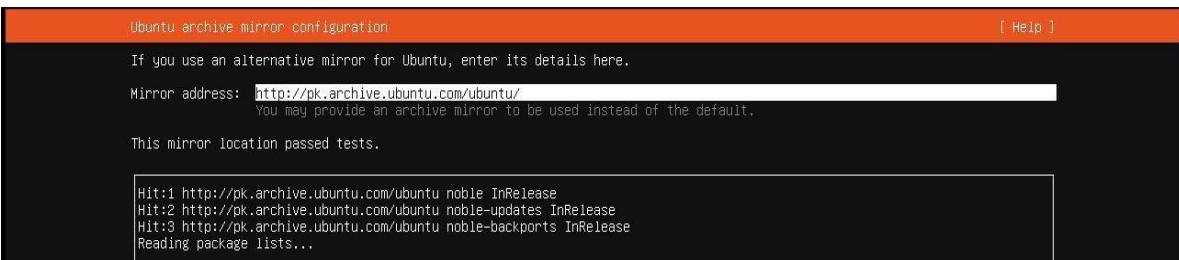
Networking:



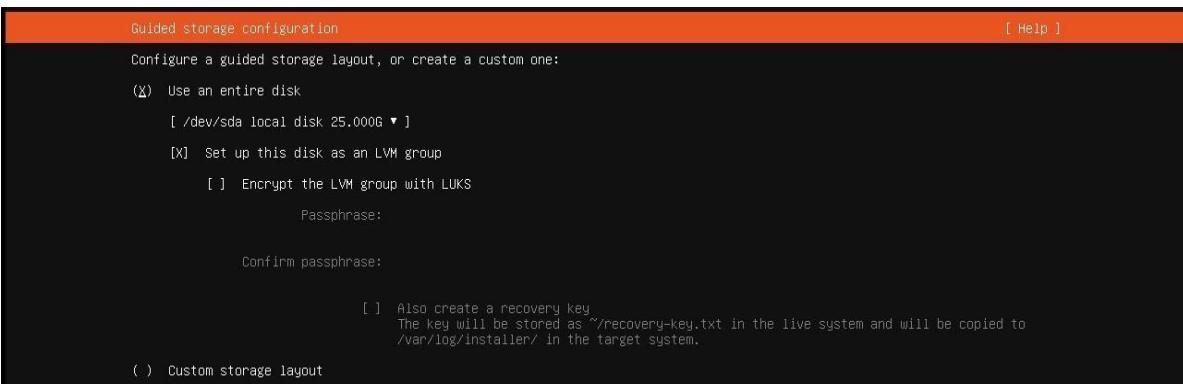
Configure proxy:



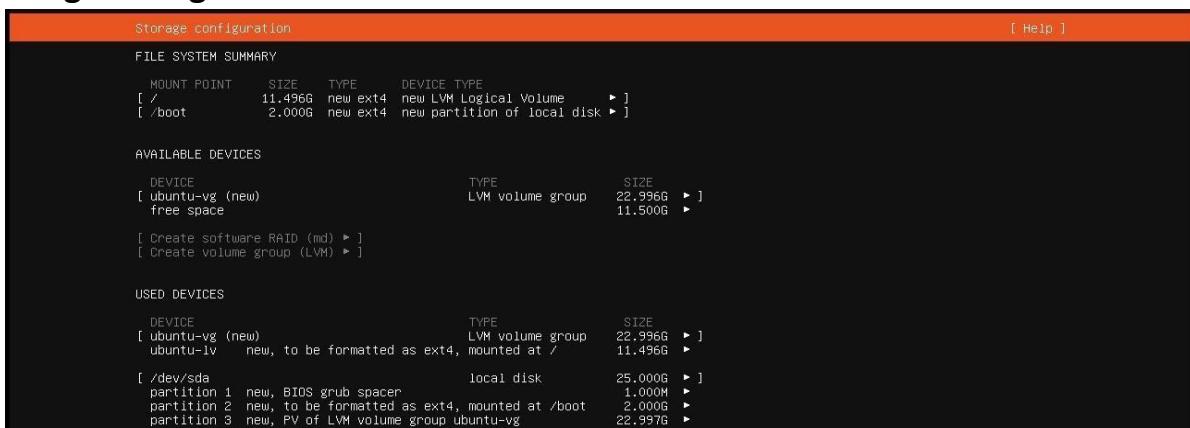
Configure ubuntu archive mirror:



Configure storage guide:

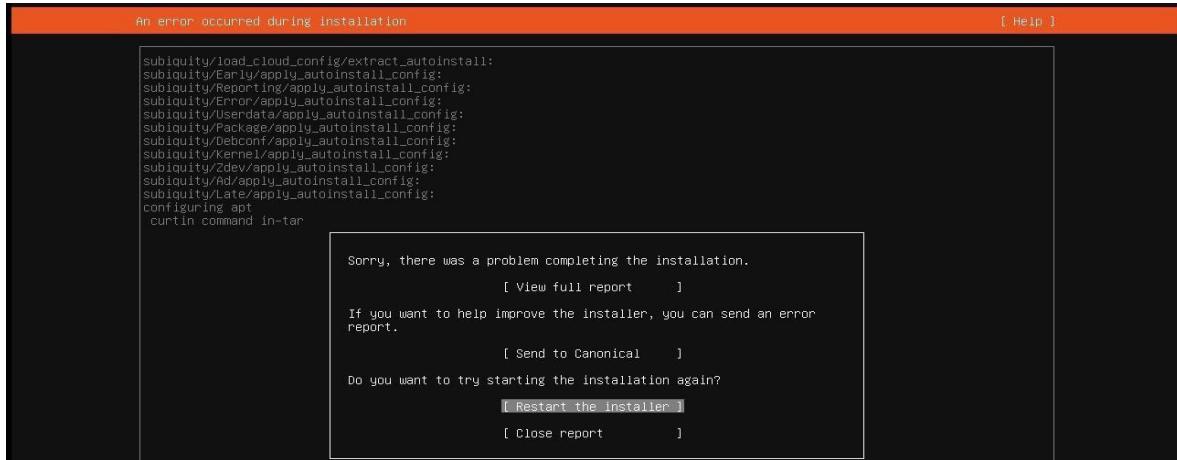


Storage Configuration:



Set up a profile:

Error



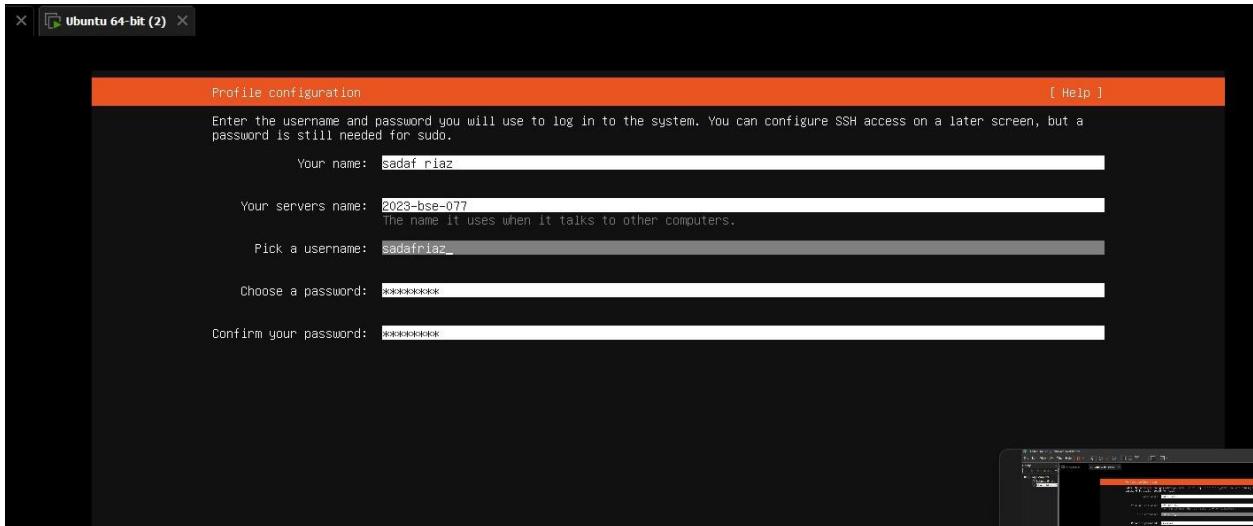
This usually means the installer (subiquity with curtin) had trouble during the **APT package configuration step**. Common causes are:

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.**

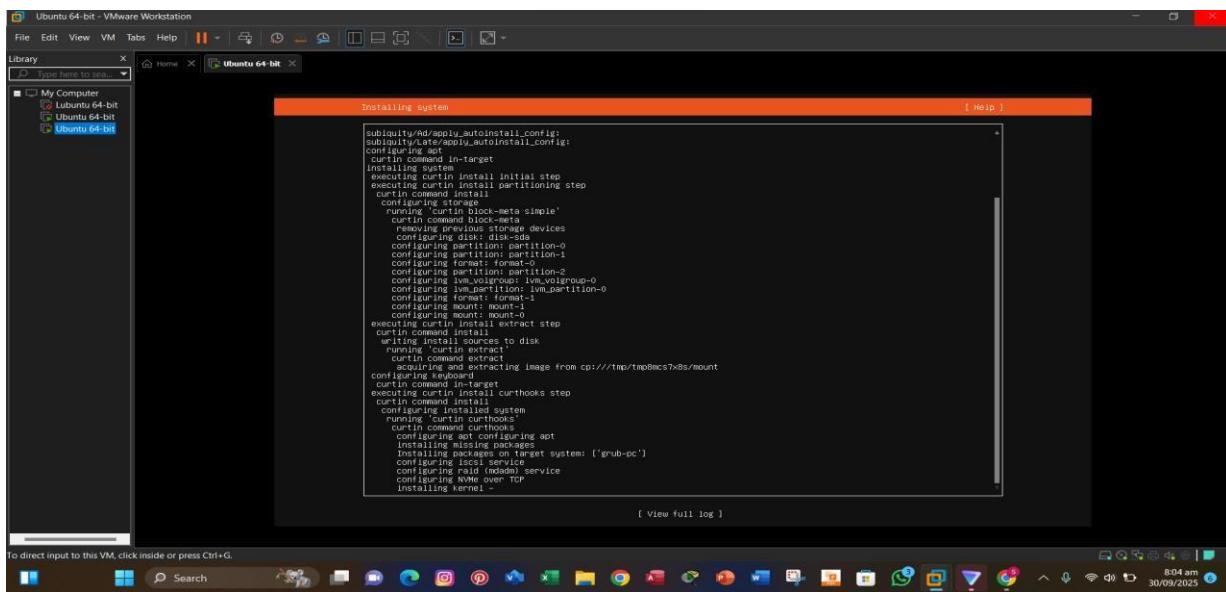
Virtual machine misconfiguration (if using VMware, VirtualBox, Hyper-V, etc. – sometimes storage controllers cause problems).

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

Set up a profile:



Installation Complete:



Ubuntu Login:

```
2023-bse-077 login: sadafriaz
Password:

Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-71-generic x86_64)

 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
 * Support: https://ubuntu.com/pro

System information as of Tue Sep 30 04:25:46 PM UTC 2025

System load: 0.0          Memory usage: 12%   Processes: 209
Usage of /: 48.5% of 9.75GB Swap usage: 0%    Users logged in: 0

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

sadafriz@2023-bse-077:~$
```

Connect via SSH from Windows

```
C:\Users\Lenovo>
C:\Users\Lenovo>ssh sadafriz@192.168.64.128
The authenticity of host '192.168.64.128' can't be established.
ECDSA key fingerprint is SHA256:gg8DFMpjIYiy0LDSUCv1l2KNwBeMFdRyf0O5+P/qqCA.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.64.128' (ECDSA) to the list of known hosts.
sadafriz@192.168.64.128's password:
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-86-generic x86_64)

 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
 * Support: https://ubuntu.com/pro

System information as of Fri Oct 24 10:42:38 AM UTC 2025

System load: 0.01          Processes: 215
Usage of /: 49.3% of 9.75GB Users logged in: 1
Memory usage: 14%          IPv4 address for ens33: 192.168.64.128
Swap usage: 0%             

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

sadafriz@2023-bse-077:~$
```