

CLOUD COMPUTING

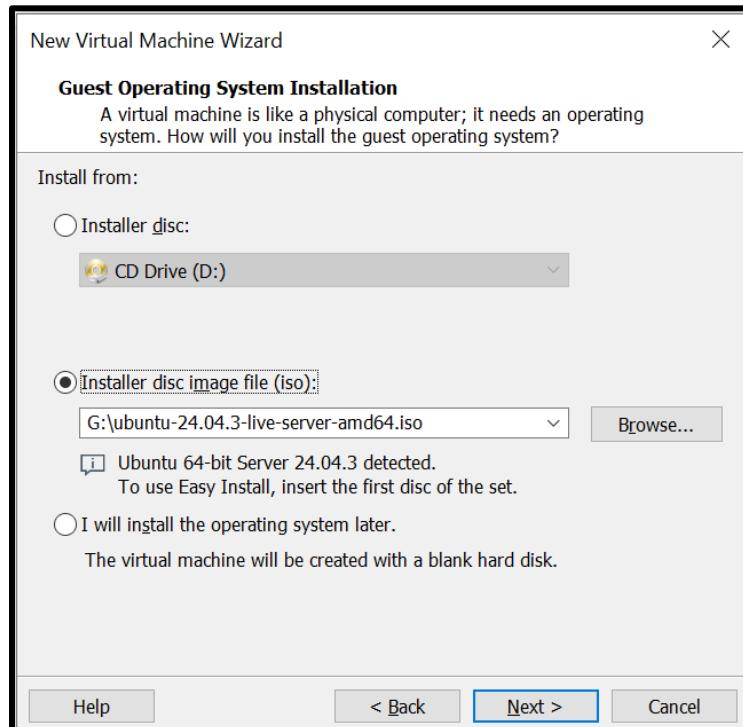
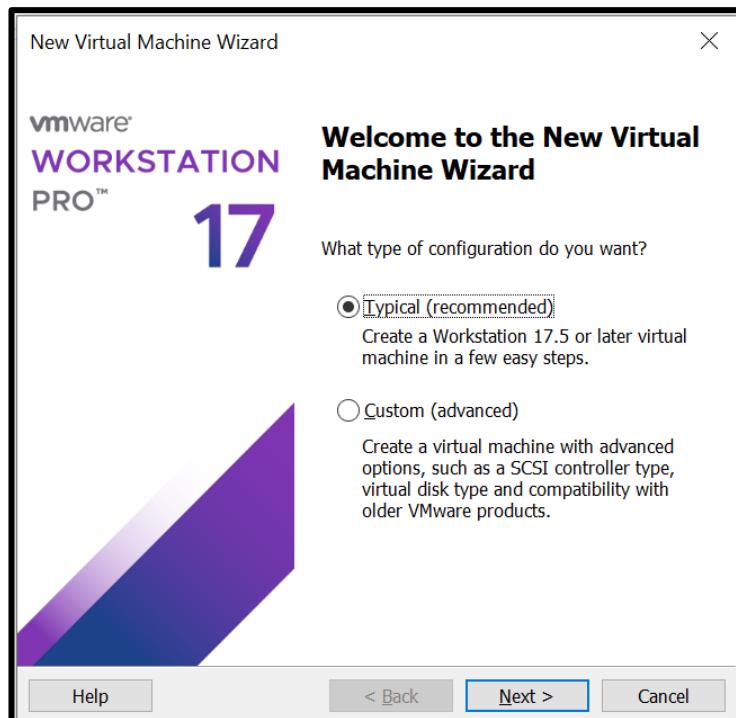
LAB 01

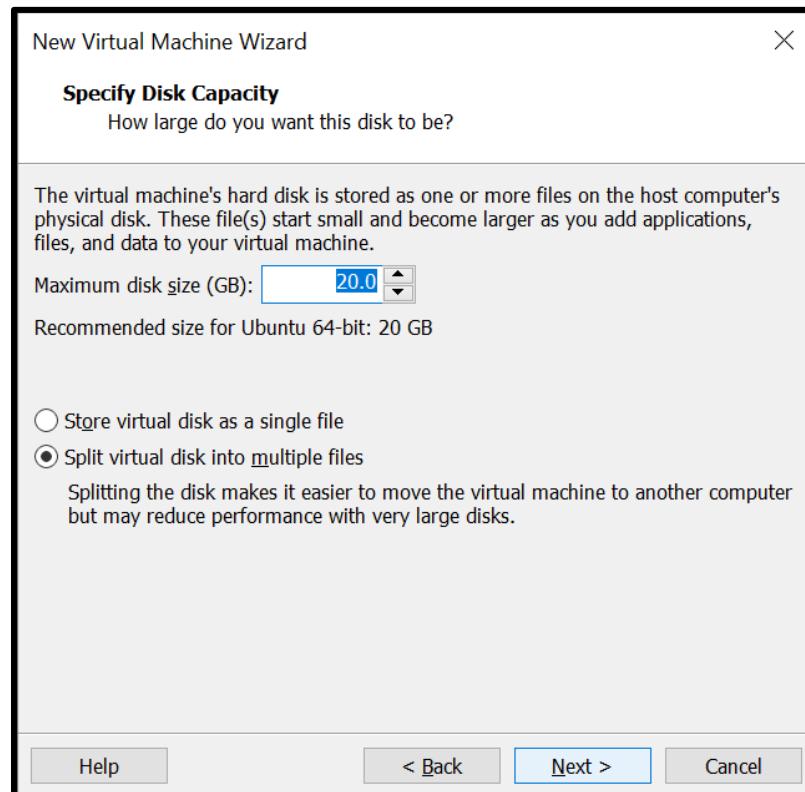
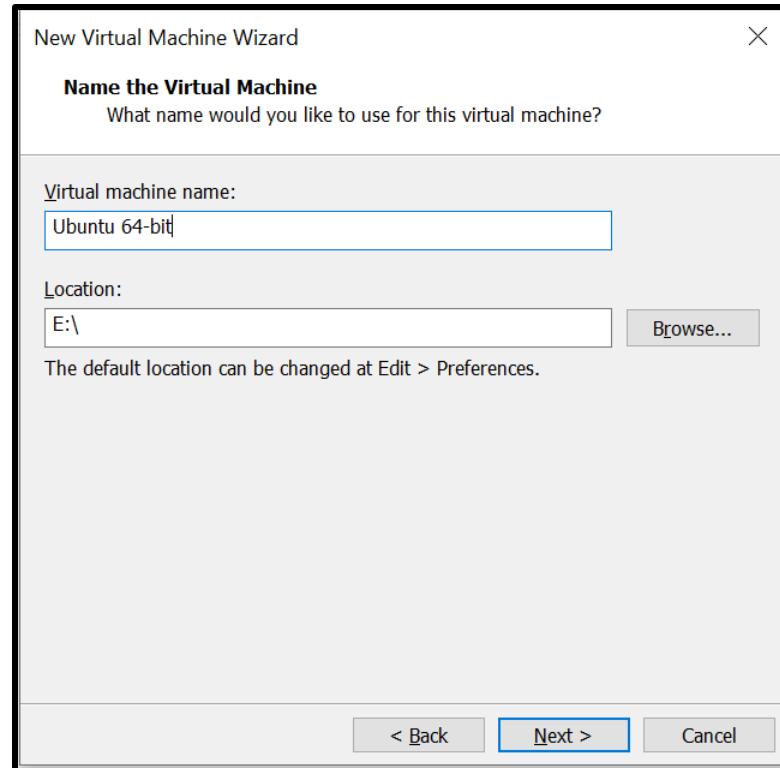
Name: Abiha Nadeem

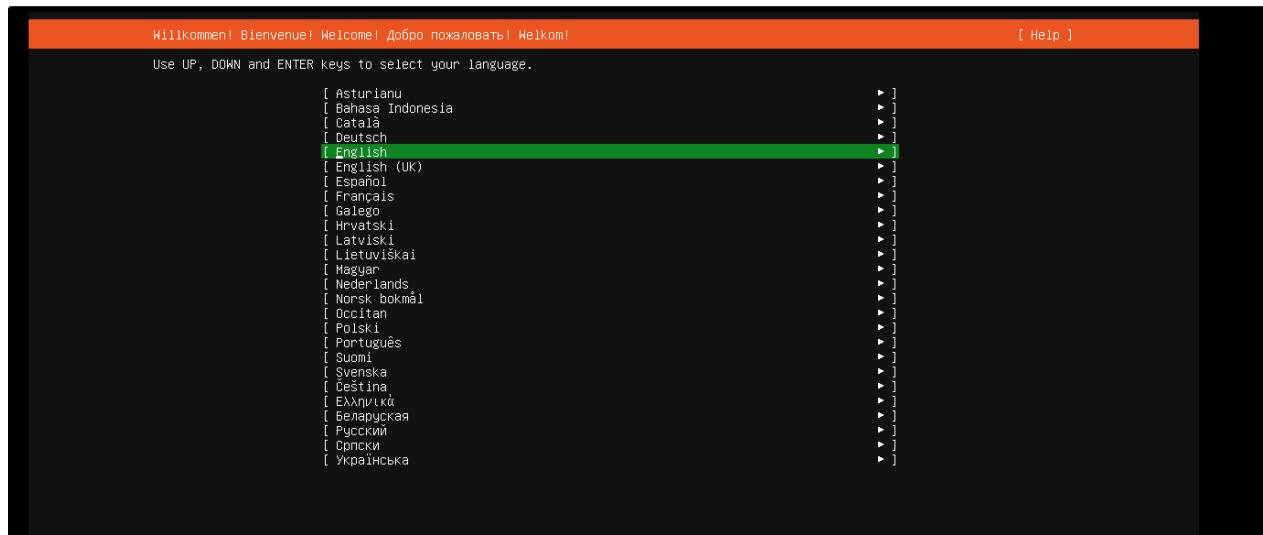
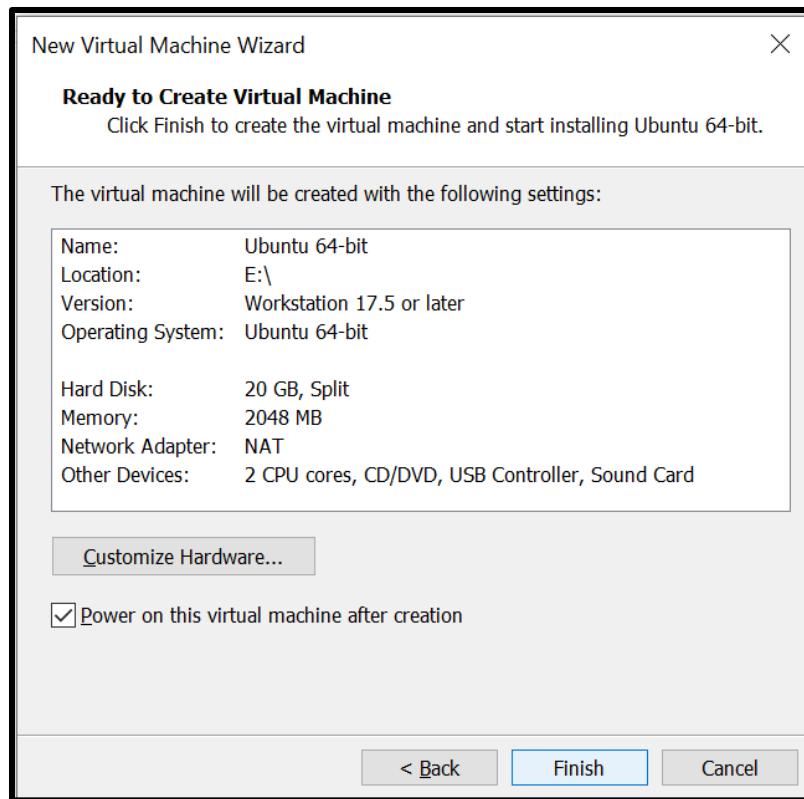
Roll no: 2023-BSE-001

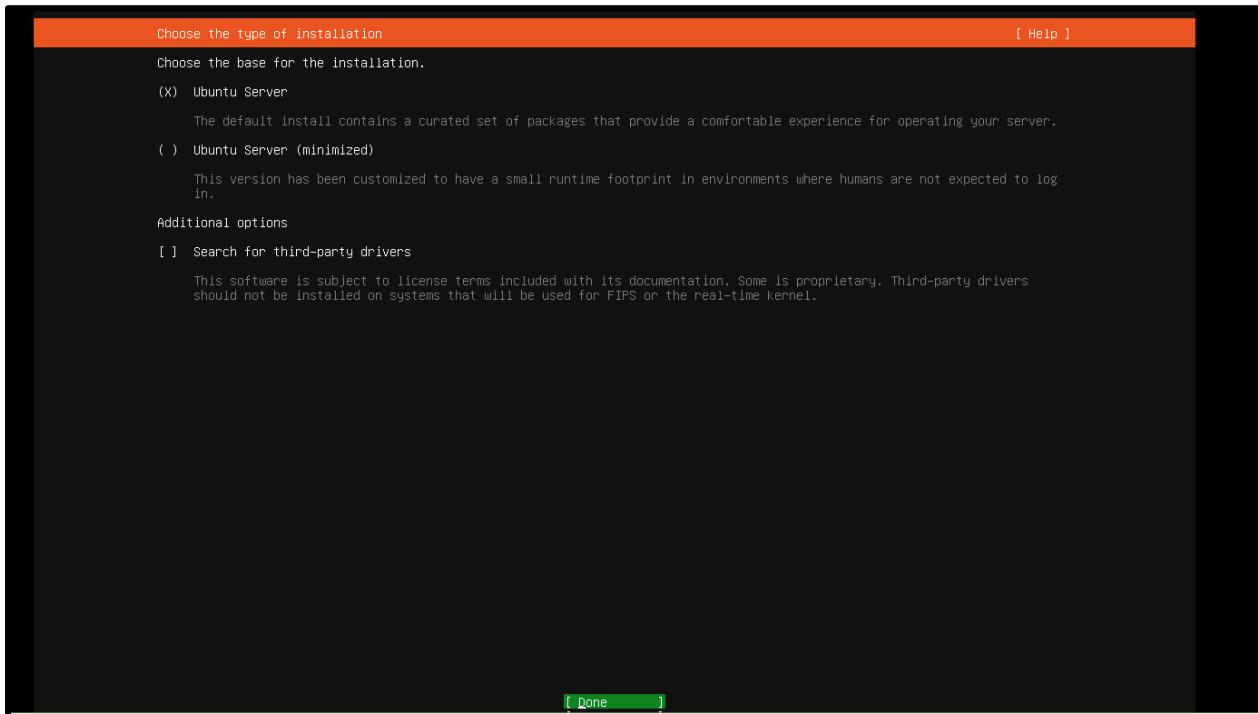
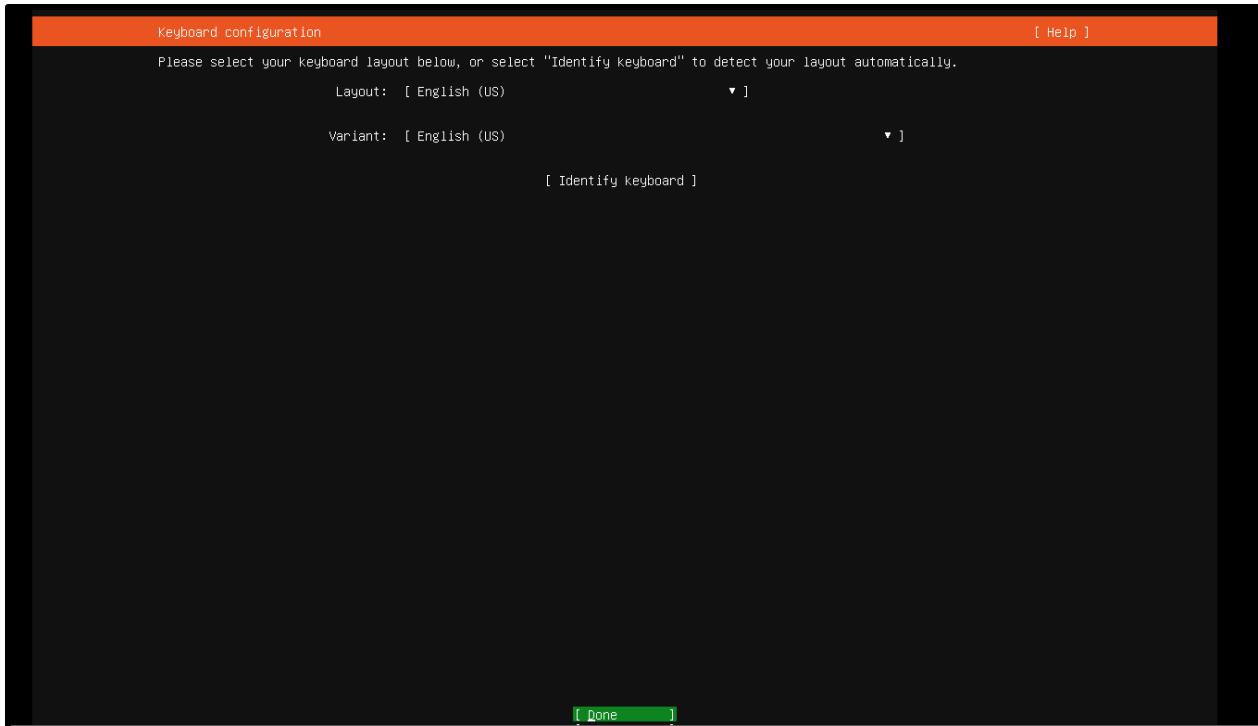
Submitted to: Engr. Muhammad Shoaib

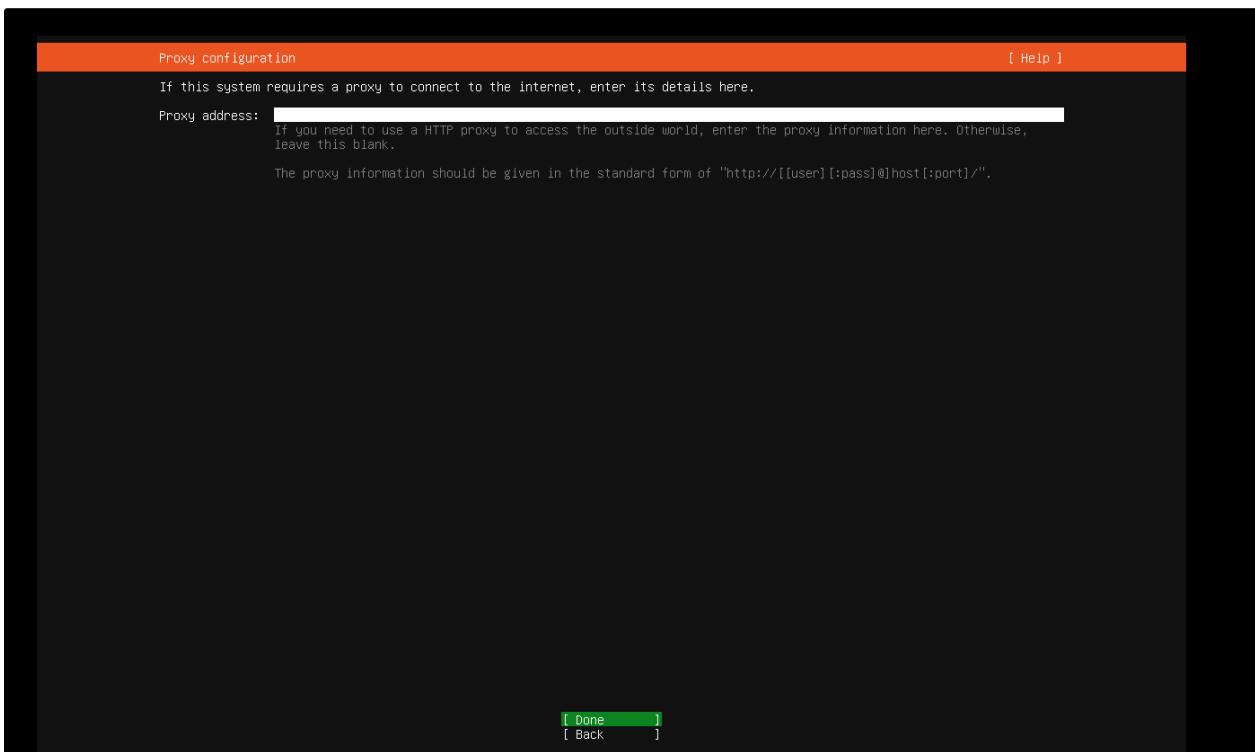
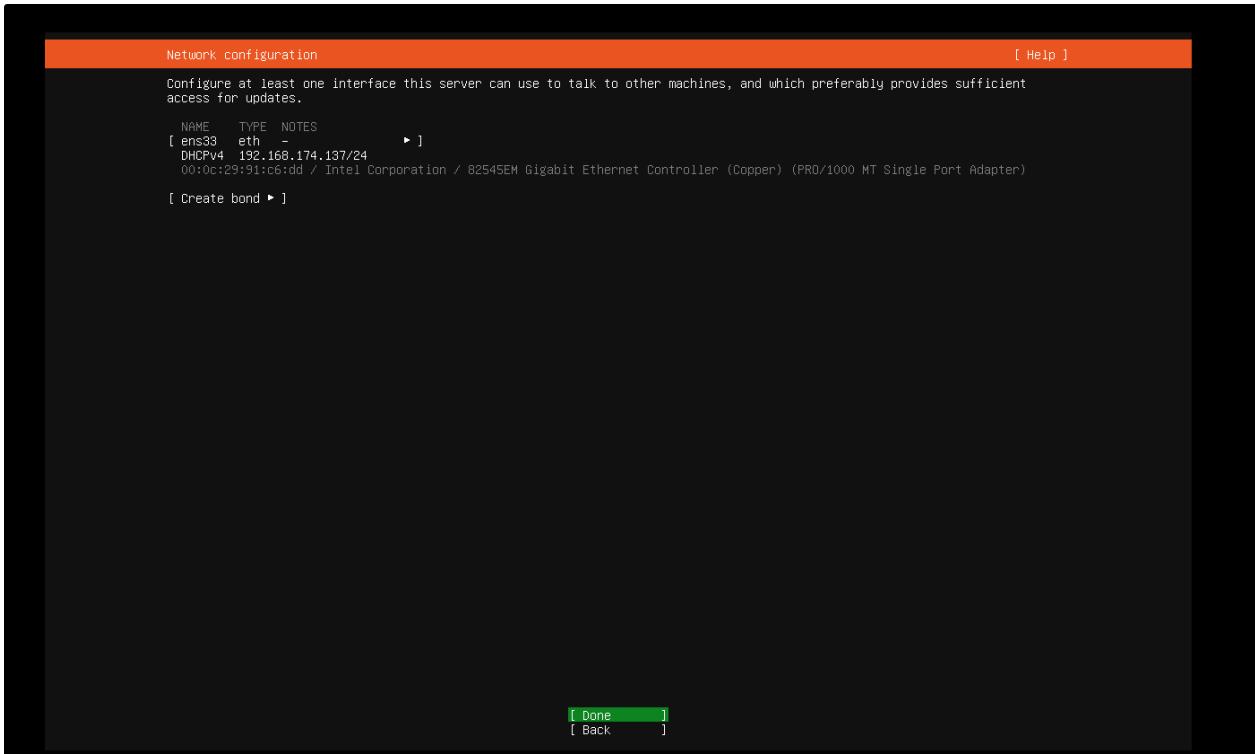
- Installation of the Ubuntu Live Server

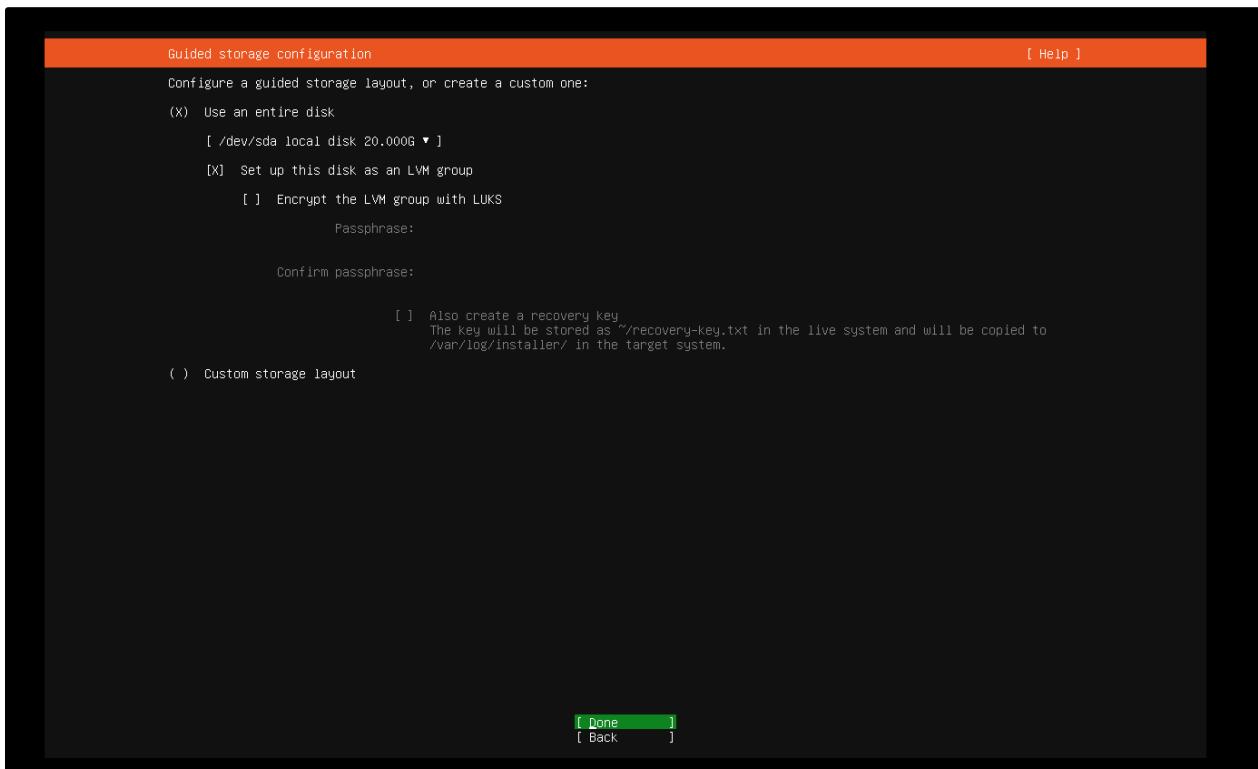
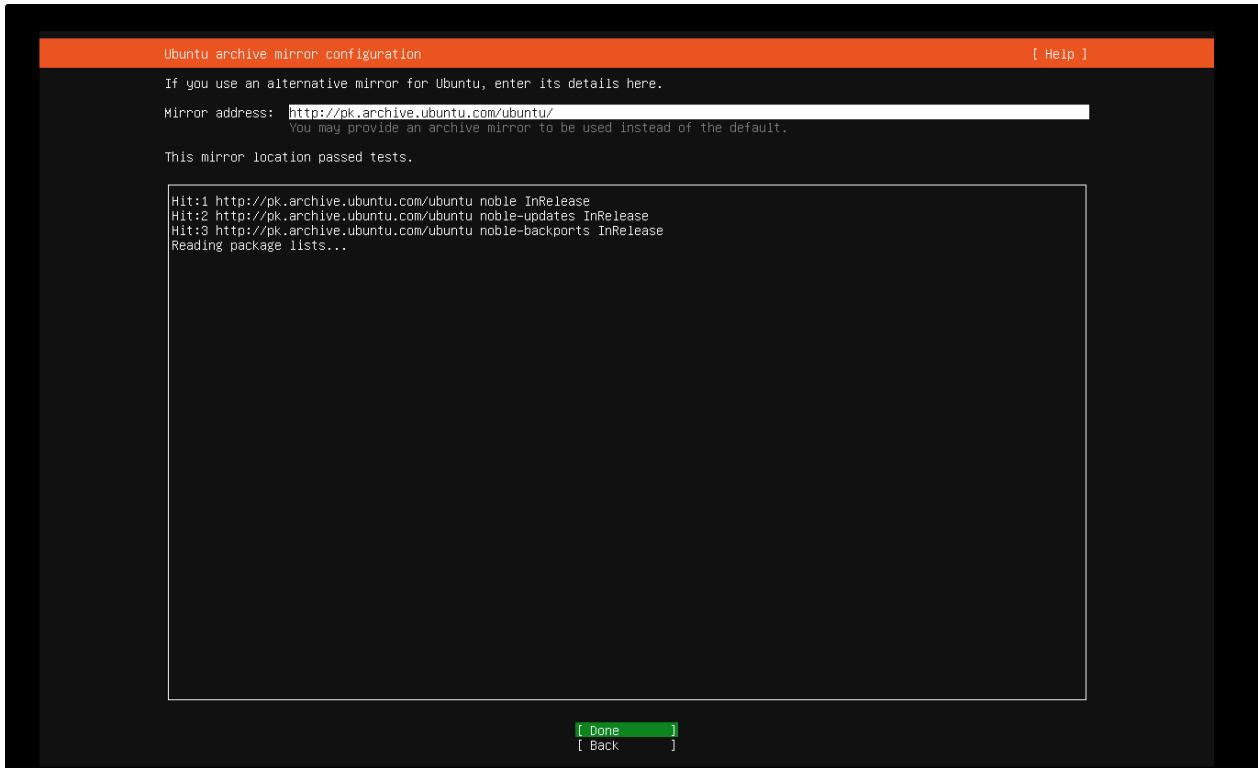


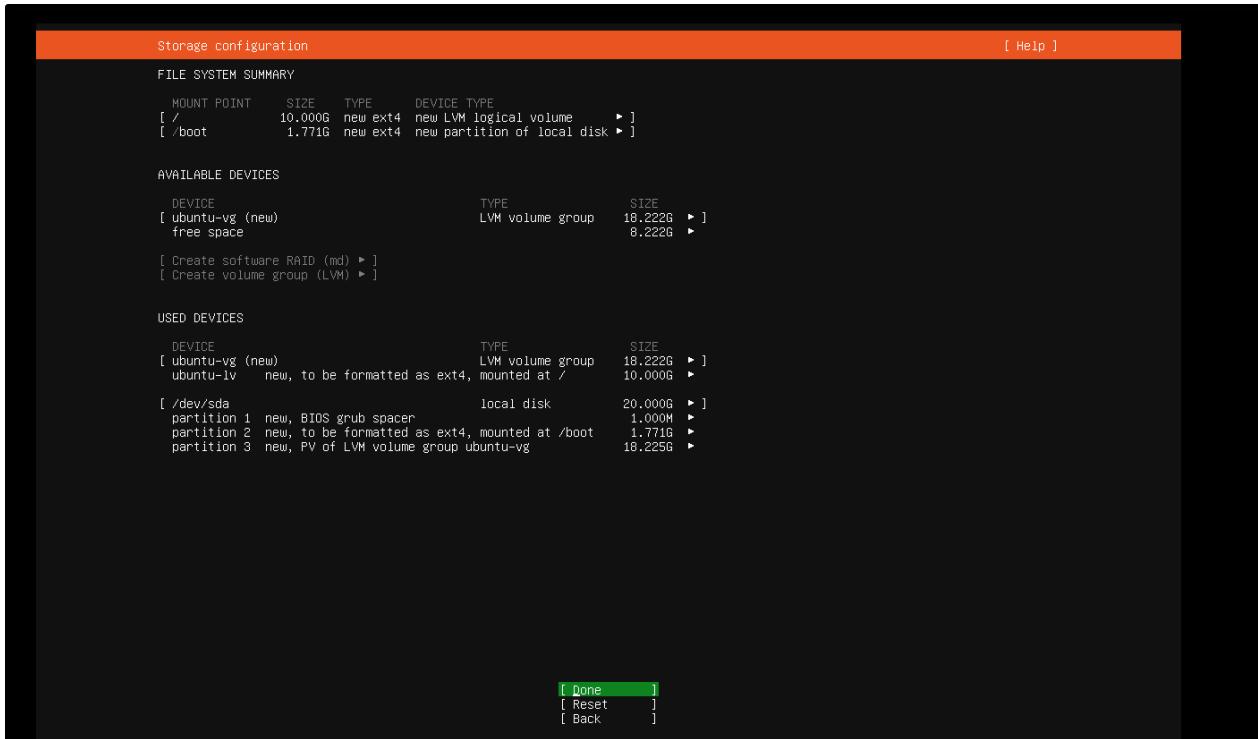












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<1>Sep 26 18:46:39 cloud-init: 256 SHA256:T68kscQEyAaPGPTTgsUeYESbMg28x7e13UyKd9Y7Wdu root@abihanaadeem (ED25519)
<1>Sep 26 18:46:39 cloud-init: 3072 SHA256:0+RrGcDc/ln2SEmI07Hkuo4vSSL2HVJMyoIQq7UX3to root@abihanaadeem (RSA)
<1>Sep 26 18:46:39 cloud-init: ----END SSH HOST KEY FINGERPRINTS-----
<1>Sep 26 18:46:39 cloud-init: #####
-----BEGIN SSH HOST KEY KEYS-----
ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAIBmIzdhAyNTYAAABBBFv13K86HGvXTpA5zNQq9k22D1YIE0061UDozeKnzqzwihIuhfSNHJ2EpXg8m6+5NAGhxECCoMLEK7n/Cr5Knt8=
root@abihanaadeem
ssh-ed25519 AAAAC3NzaC1lZDI1TE5AAAAIdplHdt0qYagrOS229FU1XJdJNC2nvM5JnIkIec+aP92 root@abihanaadeem
ssh-rsa AAAAB3NzaC1yc2EAAAQABgDDsrJkKMr-LPP/W7a1qkpcuYUfyjq/1v2vJ+49pb3eruzxvDrnJg0te0px0Kv+Q7KmYNExJhHNQKKwx+c1Xu4zu4p2VpwXrcAKFKBz0/v5dx5UCQXhAc1
EcwujSXITmtQKx0cd4pnlM/EIxri1NEcfVmgeA2s1kVt8M7ba/Tl0/e6dYw/dSlm9AjzR0B7AzTDNrwnAb1Ip514n7qK/0YXE9K7Ageu8dyQfr1qeBvdqa03taXfCD67fE/clCpUcksN7r21ox+H
PdLoHmIpAmbyu/l72ZtBE0tsy7019ckF7+sR704rq2aMaoEuS9y8tLVJE4FVT7Adeu0Ji/jh21xB3fJ2ah21lMu13qJJK2EAjfuJeAipxpCNkJ1QxLNvCo+SSC6r1h24AfHS4vd7u19t4Yl14yM6CuohHTasq
F998euQpBzxf1jEcFBk/JIPexrNGofaziu14e1j6tmv4Kkc+jngz10R7SLVgH9y8Ymb= root@abihanaadeem
-----END SSH HOST KEY KEYS-----
[ 33.806554] cloud-init[1315]: Cloud-init v. 25.1.4-0ubuntu0~24.04.1 finished at Fri, 26 Sep 2025 18:46:39 +0000. Datasource DataSourceNone. Up 33.78 seconds
abihanaadeem login: abihanaadeem001
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 Fri Sep 26 06:48:39 PM UTC 2025

System load: 0.28 Processes: 244
Usage of /: 43.6% of 9.75GB Users logged in: 0
Memory usage: 10% IPv4 address for ens3: 192.168.174.141
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

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.

abihanaadeem001@abihanaadeem:~$
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abihanadeem001@abihanadeem:~$ ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inetc6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:0c:29:91:c6:dd brd ff:ff:ff:ff:ff:ff
    altnet enp2s1
    inet 192.168.174.141/24 metric 100 brd 192.168.174.255 scope global dynamic ens33
        valid_lft 1519sec preferred_lft 1519sec
    inetc6 fe80::20c:29ff:fe91:c6dd/64 scope link
        valid_lft forever preferred_lft forever
abihanadeem001@abihanadeem:~$ _
```

```
abihanadeem001@abihanadeem: ~

C:\Users\MOHSIN>ssh abihanadeem001@192.168.174.141
abihanadeem001@192.168.174.141's 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 Fri Sep 26 07:50:29 PM UTC 2025

System load:  0.0          Processes:           216
Usage of /:   45.3% of 9.75GB  Users logged in:      1
Memory usage: 13%
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

Last login: Fri Sep 26 18:58:20 2025 from 192.168.174.1
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

abihanadeem001@abihanadeem:~$
```

