

CLOUD COMPUTING BSE (V-B)

Submitted By:

Musfira Farooq

Roll No:

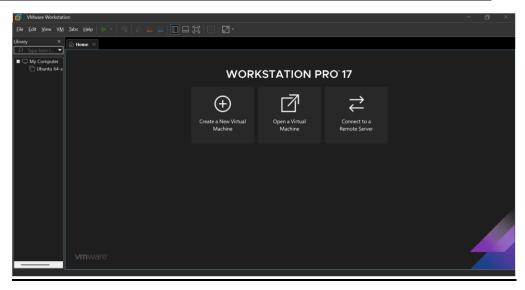
2023-BSE-045

Submitted To:

Sir Muhammad Shoaib

LAB 01 INSTALLATION OF LINUX (UBUNTU)

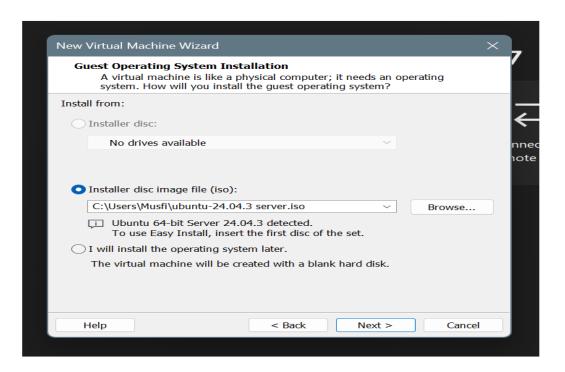
> INSTALLATION OF VMWARE 17 WORKSTATION PRO:

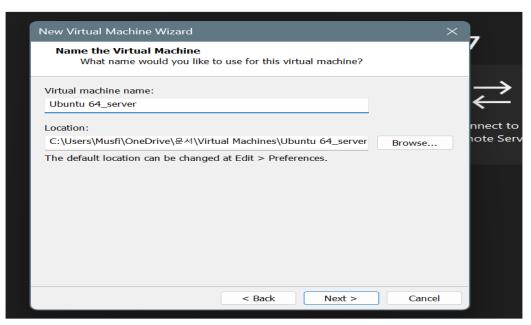


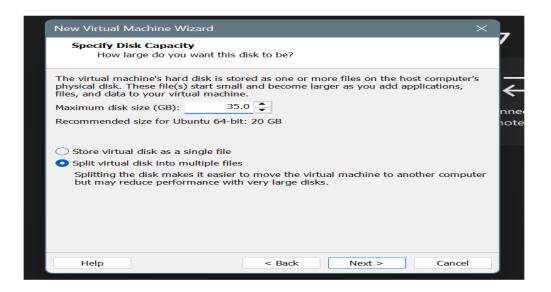
> INSTALLATION OF UBUNTU 24.4.3:

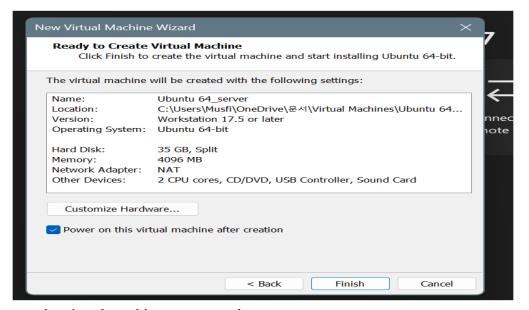
- Install the ISO file of Ubuntu with latest version.
- After that Create a Virtual Machine on VMware.



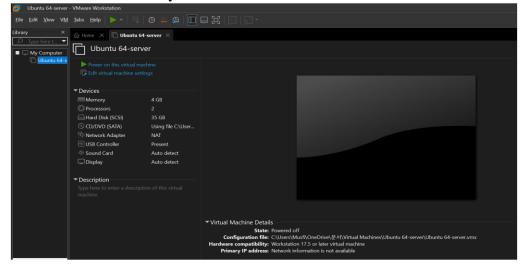


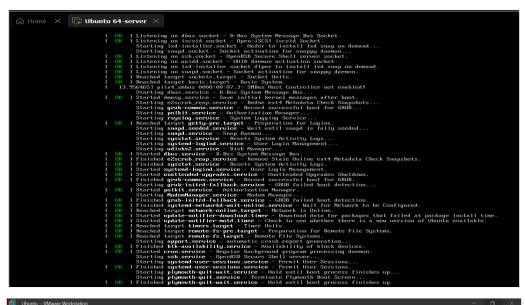


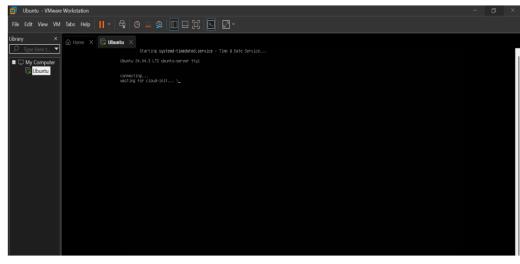




Power on the virtual machine you created.







Proxy configuration [Help]

If this system requires a proxy to connect to the internet, enter its details here.

Proxy address:

If you need to use a HTTP proxy to access the outside world, enter the proxy information here. Otherwise, leave this blank.

Configure a guided storage layout, or create a custom one:

(X) Use an entire disk

[/dev/sda local disk 20.0006 *]

[X] Set up this disk as an LVM group

[] Encrypt the LVM group with LUKS

Passphrase:

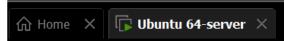
Confirm passphrase:

[] Also create a recovery key.

The key will be stored as "precovery-key, txt in the live system and will be copied to //var/log/installer/ in the target system.

() Custom storage layout

subjuulty/de/apply_autoinstall.config:
subjuulty/de/apply_autoinstall.config:
subjuulty/de/apply_autoinstall.config:
oonfiguring sont
oonfiguring and in-target
modeling system
executing curtin install initial step
executing curtin block-meta simple'
curtin command initial initial step
executing curtin initial initial step
configuring partition: partition-1
configuring partition: partition-2
configuring partition: partition-2
configuring partition: partition-0
configuring partition: partition-0
configuring format; format-1
configuring format; format-1
configuring format; format-1
configuring initial subject to disk
running format initial extract step
curtin command initial extract step
curtin command initial extract
configuring sepond
configuring sepond
configuring sepond
curtin command initial extract step
curtin command initial curthooks
curtin command initial curthooks step
executing curtin initial curthooks
curtin command curthoo



Ubuntu 24.04.3 LTS ubuntuserver tty1

ubuntuserver login: musfira_45

Password:

```
ubuntuserver login: musfira_45
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
                   https://ubuntu.com/pro
 * Support:
 System information as of Tue Sep 30 01:58:46 PM UTC 2025
 System load: 1.12 Processes: Usage of /: 37.5% of 16.07GB Users logged in:
                                                            244
                                    IPv4 address for ens33: 192.168.111.132
  Memory usage: 7%
  Swap usage: 0%
Expanded Security Maintenance for Applications is not enabled.
53 updates can be applied immediately.
40 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
musfira_45@ubuntuserver:~$ _
```

```
musfira_45@ubuntuserver:~$ ip addr

1: lo: <LOOPBACK,UP,LOMER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00 brd 00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lff forever preferred_lff forever
inet6 ::1/128 scope host noprefixroute
valid_lff forever preferred_lff forever

2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 00:0c:29:6b:7b:04 brd ff:ff:ff:ff:ff
altname enp2s
inet 192.168.111.132/24 metric 100 brd 192.168.111.255 scope global dynamic ens33
valid_lff 1713sec preferred_lff 1713sec
inet6 fe80::20c:29ff:fe60:7b04/64 scope link
valid_lff forever preferred_lff forever
musfira_45@ubuntuserver:~$ _
```