

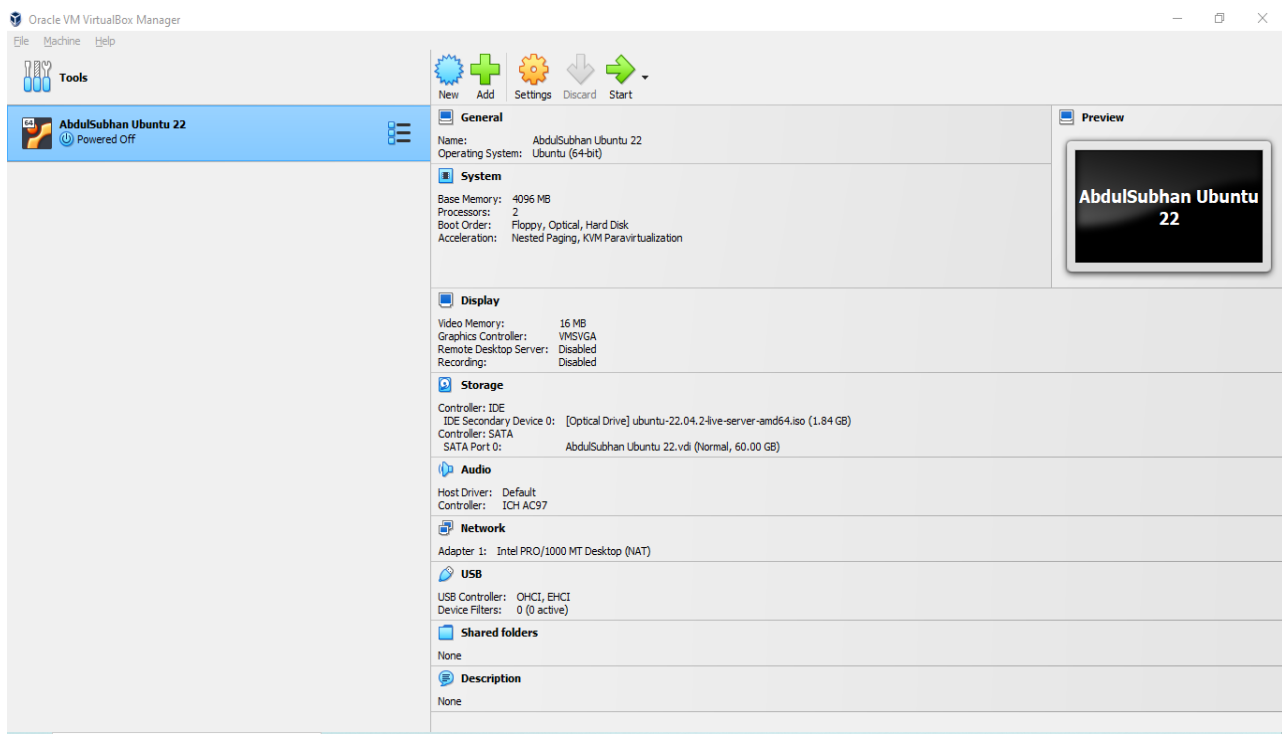
Name: Subhan Khalid

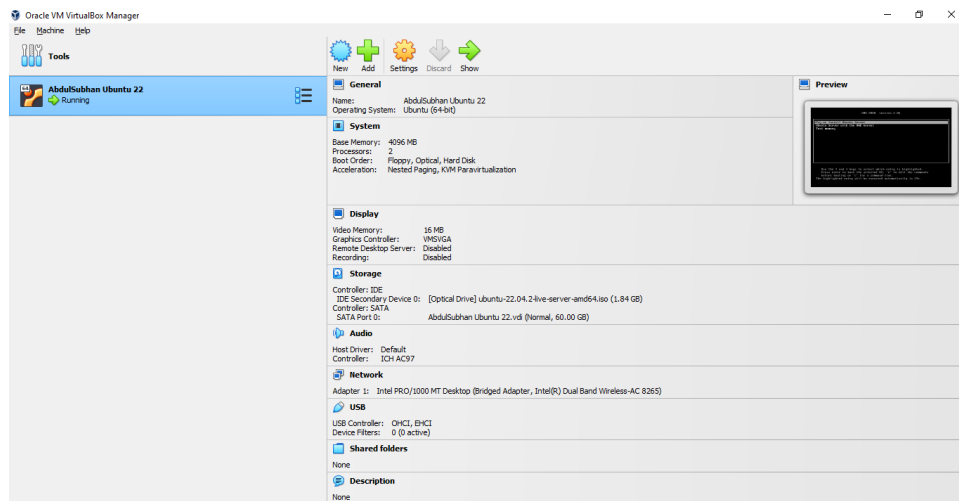
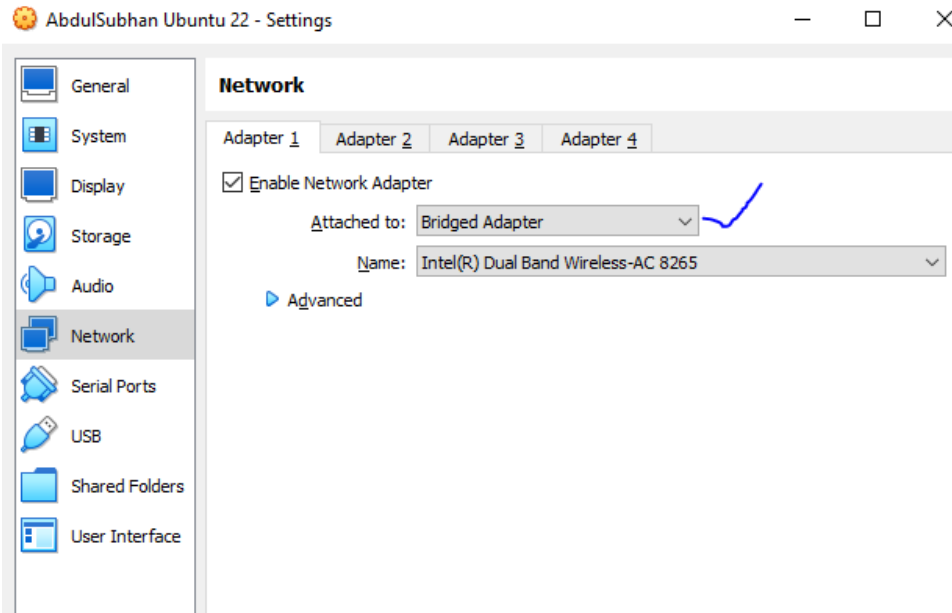
Roll NO: P20-0086

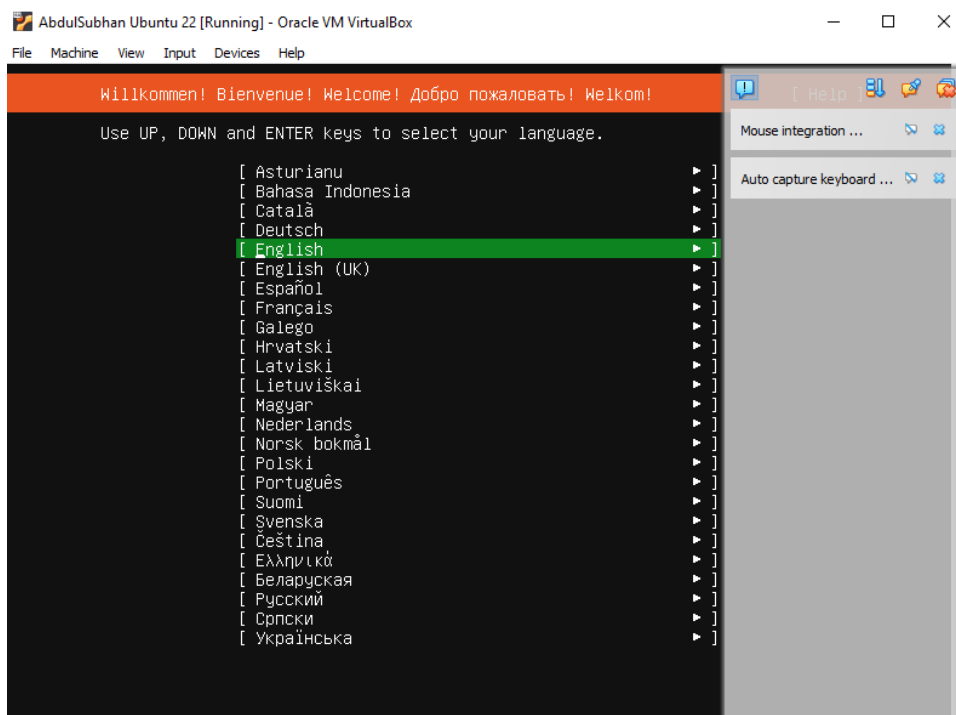
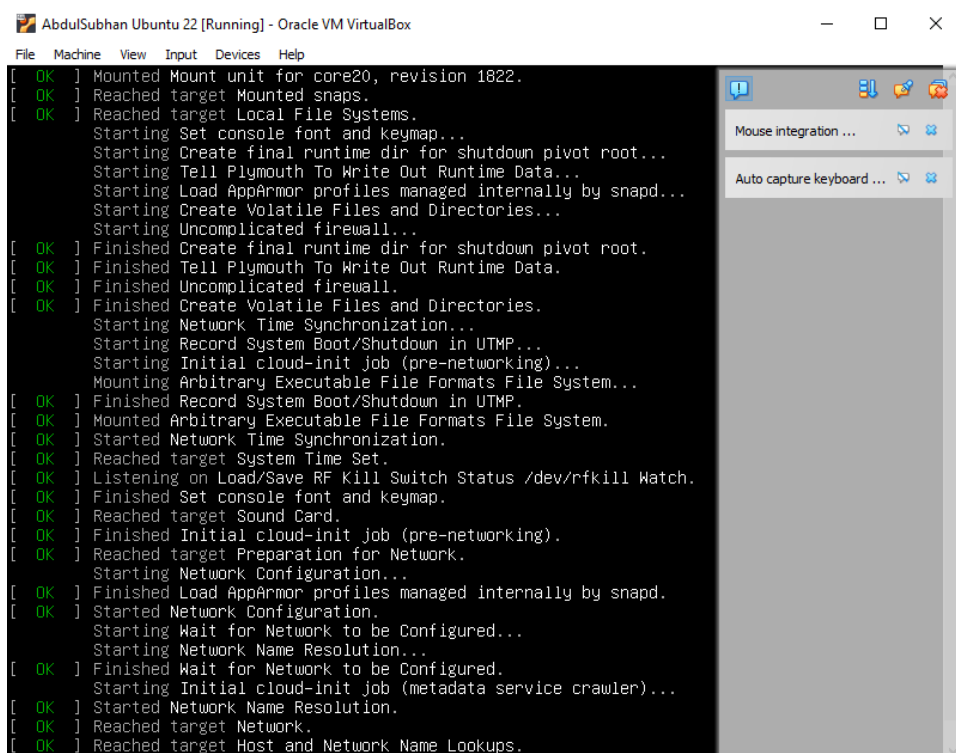
Section BSCS 6C

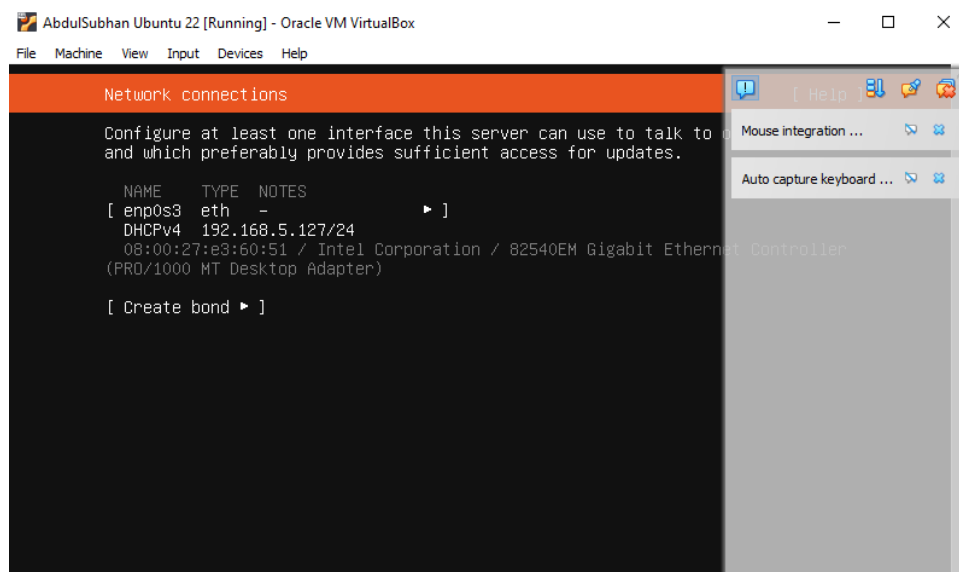
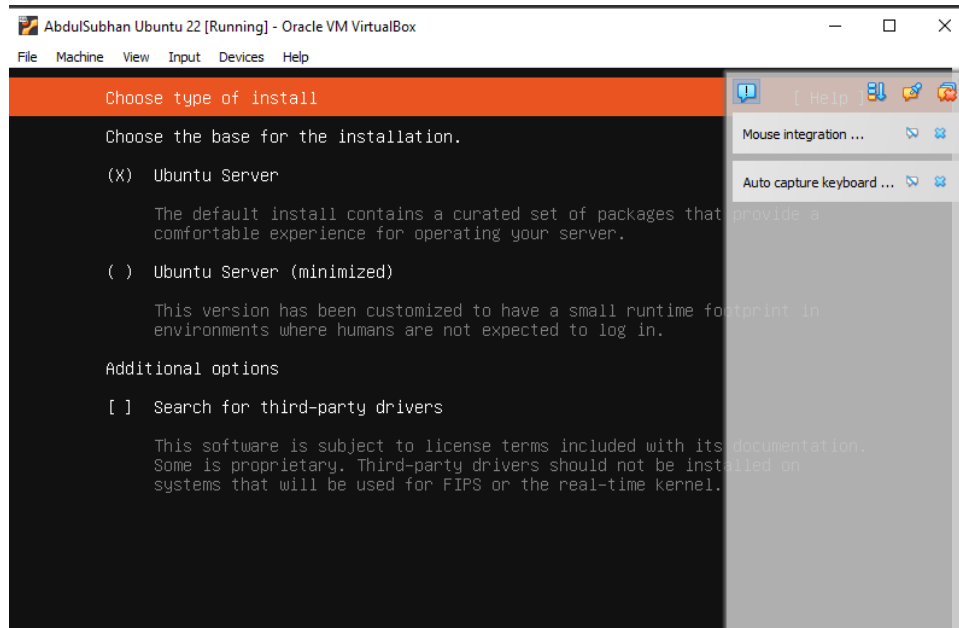
PDC Assignment

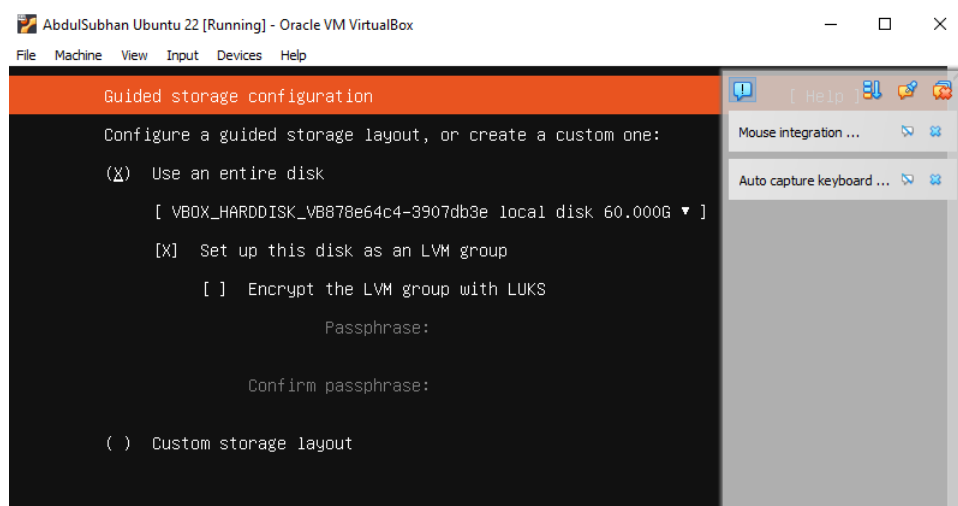
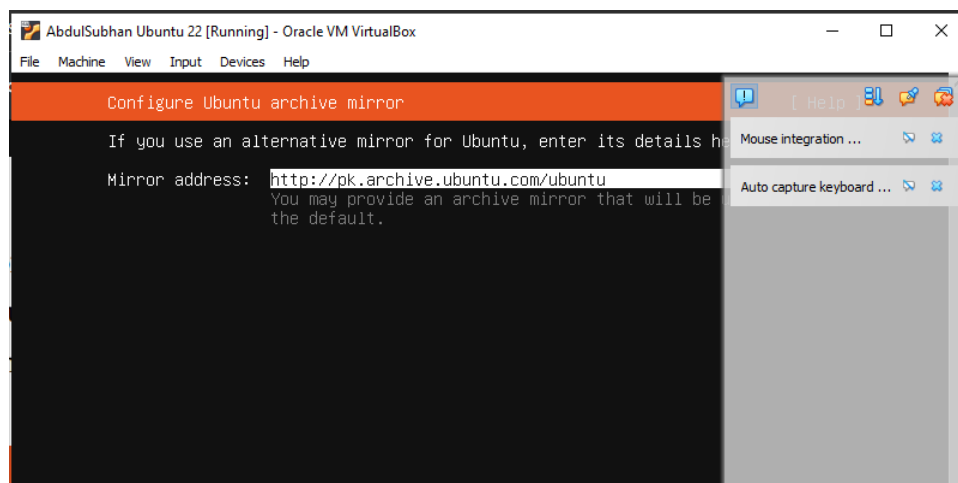
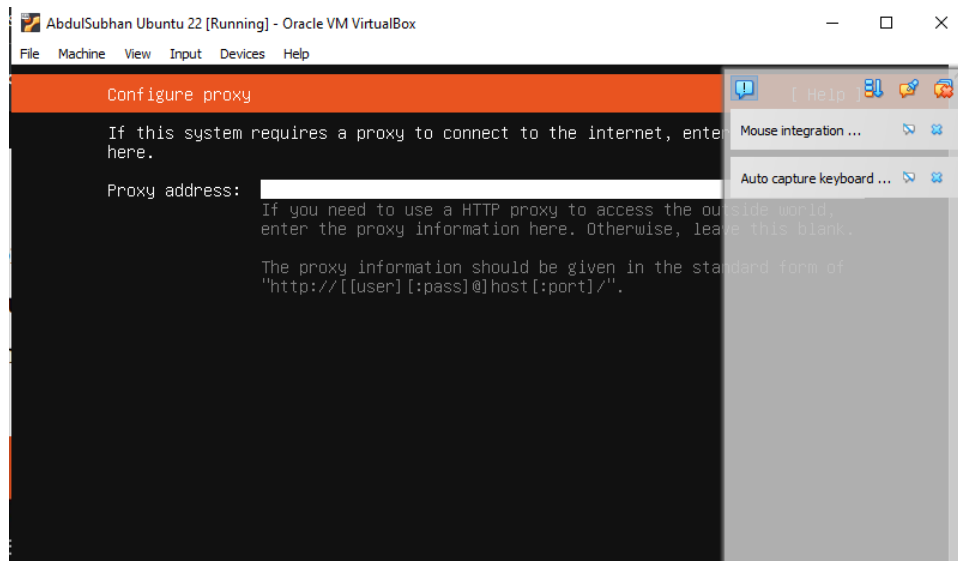
## Next Cloud Installation & Deployment

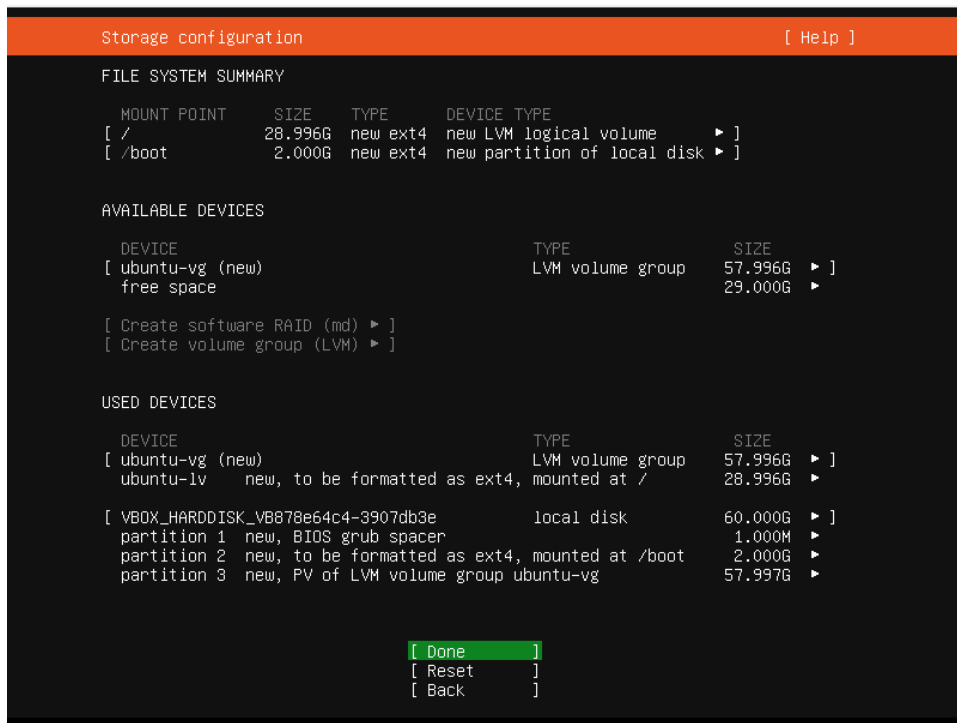
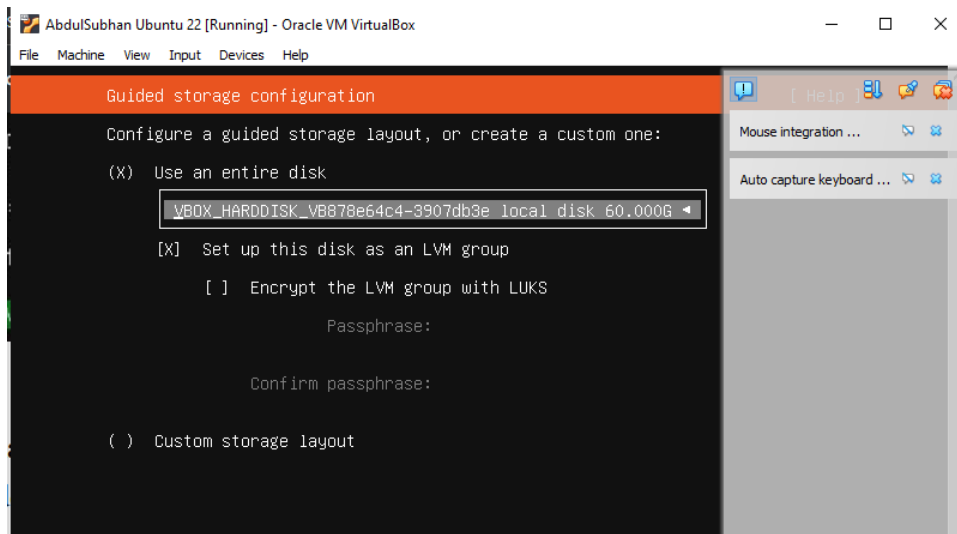












## FILE SYSTEM SUMMARY

MOUNT POINT	SIZE	TYPE	DEVICE TYPE
[ /	28.996G	new ext4	new LVM logical volume ▶ ]
[ /boot	2.000G	new ext4	new partition of local disk ▶ ]

## AVAILABLE DEVICES

## Confirm destructive action

Selecting Continue below will begin the installation process and result in the loss of data on the disks selected to be formatted.

You will not be able to return to this or a previous screen once the installation has started.

Are you sure you want to continue?

[ No ]  
[ Continue ]

partition 2	new, to be formatted as ext4, mounted at /boot	2.000G ▶
partition 3	new, PV of LVM volume group ubuntu-vg	57.997G ▶

[ Done ]  
[ Reset ]  
[ Back ]

Profile setup[ Help ]

Enter the username and password you will use to log in to the system. You can configure SSH access on the next screen but a password is still needed for sudo.

Your name: Abdul Subhan

Your server's name: nextcloud-ubuntu22  
The name it uses when it talks to other computers.

Pick a username: abduisubhan

Choose a password: \*\*\*\*

Confirm your password: \*\*\*\*

[ Done ]

SSH Setup[ Help ]

You can choose to install the OpenSSH server package to enable secure remote access to your server.

☒ Install OpenSSH server

Import SSH identity: [ No ▼ ]  
You can import your SSH keys from GitHub or Launchpad.

Import Username:

☒ Allow password authentication over SSH



## Featured Server Snaps

[ Help ]

These are popular snaps in server environments. Select or deselect with SPACE, press ENTER to see more details of the package, publisher and versions available.

[ ]	microk8s	Kubernetes for workstations and appliances	▶
[*]	nextcloud	Nextcloud Server - A safe home for all your data	▶
[ ]	wekan	The open-source kanban	▶
[ ]	kata-containers	Build lightweight VMs that seamlessly plug into the c	▶
[ ]	docker	Docker container runtime	▶
[ ]	canonical-livepatch	Canonical Livepatch Client	▶
[ ]	rocketchat-server	Rocket.Chat server	▶
[ ]	mosquitto	Eclipse Mosquitto MQTT broker	▶
[ ]	etcd	Resilient key-value store by CoreOS	▶
[ ]	powershell	PowerShell for every system!	▶
[ ]	stress-ng	tool to load and stress a computer	▶
[ ]	sabnzbd	SABnzbd	▶
[ ]	wormhole	get things from one computer to another, safely	▶
[ ]	aws-cli	Universal Command Line Interface for Amazon Web Servi	▶
[ ]	google-cloud-sdk	Google Cloud SDK	▶
[ ]	slcli	Python based SoftLayer API Tool.	▶
[ ]	doctl	The official DigitalOcean command line interface	▶
[ ]	conjure-up	Package runtime for conjure-up spells	▶
[ ]	postgresql10	PostgreSQL is a powerful, open source object-relatio	▶
[ ]	heroku	CLI client for Heroku	▶
[ ]	keepalived	High availability VRRP/BFD and load-balancing for Lin	▶
[ ]	prometheus	The Prometheus monitoring system and time series data	▶
[ ]	juju	Juju - a model-driven operator lifecycle manager for	▶

[ Done ]  
[ Back ]

## Install complete!

[ Help ]

```
curtin command install
configuring installed system
  running 'mount --bind /cdrom /target/cdrom'
  running 'curtin in-target -- setupcon --save-only'
  curtin command in-target
  running 'curtin curthooks'
  curtin command curthooks
    configuring apt configuring apt
    installing missing packages
    configuring iscsi service
    configuring raid (mdadm) service
    installing kernel
    setting up swap
    apply networking config
    writing etc/fstab
    configuring multipath
    updating packages on target system
    configuring pollinate user-agent on target
    updating initramfs configuration
    configuring target system bootloader
    installing grub to target devices
final system configuration
  configuring cloud-init
  calculating extra packages to install
  installing openssh-server
  curtin command system-install
  downloading and installing security updates
  curtin command in-target |
```

[ View full log ]  
[ Cancel update and reboot ]

```
nextcloud-ubuntu22 login:
nextcloud-ubuntu22 login: abdulsubhan
Password:
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-67-generic x86_64)

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

System information as of Sun Mar 26 10:17:39 UTC 2023

System load:  0.431640625      Processes:           120
Usage of /:   23.9% of 28.37GB   Users logged in:     0
Memory usage: 6%              IPv4 address for enp0s3: 192.168.5.127
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

24 updates can be applied immediately.
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

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.

abdulsubhan@nextcloud-ubuntu22:~$ _
```

```
abdulsubhan@nextcloud-ubuntu22:~$ sudo apt-get dist-upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
abdulsubhan@nextcloud-ubuntu22:~$
```

```
abdulsubhan@nextcloud-ubuntu22:~$ sudo ufw allow OpenSSH
Rules updated
Rules updated (v6)
abdulsubhan@nextcloud-ubuntu22:~$ sudo ufw enable
Firewall is active and enabled on system startup
abdulsubhan@nextcloud-ubuntu22:~$ sudo ufw status
Status: active

To Action From
--
OpenSSH ALLOW Anywhere
OpenSSH (v6) ALLOW Anywhere (v6)

abdulsubhan@nextcloud-ubuntu22:~$
```

<

```
Last login: Sun Mar 26 10:17:41 UTC 2023 on tty1
abdulsubhan@nextcloud-ubuntu22:~$ sudo nextcloud.manual-install abdulsubhan abdul1122_
```

```
Last login: Sun Mar 26 10:17:41 UTC 2023 on tty1
abdulsubhan@nextcloud-ubuntu22:~$ sudo nextcloud.manual-install abdulsubhan abdul1122
[sudo] password for abdulsubhan:
Nextcloud was successfully installed
abdulsubhan@nextcloud-ubuntu22:~$ _
```

```
abdulsubhan@nextcloud-ubuntu22:~$ sudo ufw allow 80,443/tcp
[sudo] password for abdulsubhan:
Rule added
Rule added (v6)
abdulsubhan@nextcloud-ubuntu22:~$ _
```

```
abdulsubhan@nextcloud-ubuntu22:~$ sudo nextcloud.occ config:system:get trusted_domains
localhost
abdulsubhan@nextcloud-ubuntu22:~$
```

```
abdulsubhan@nextcloud-ubuntu22:~$ ip a | grep inet
inet 127.0.0.1/8 scope host lo
inet6 ::1/128 scope host
inet 192.168.5.127/24 metric 100 brd 192.168.5.255 scope global dynamic enp0s3
inet6 fe80::a00:27ff:fee3:6051/64 scope link
abdulsubhan@nextcloud-ubuntu22:~$
```

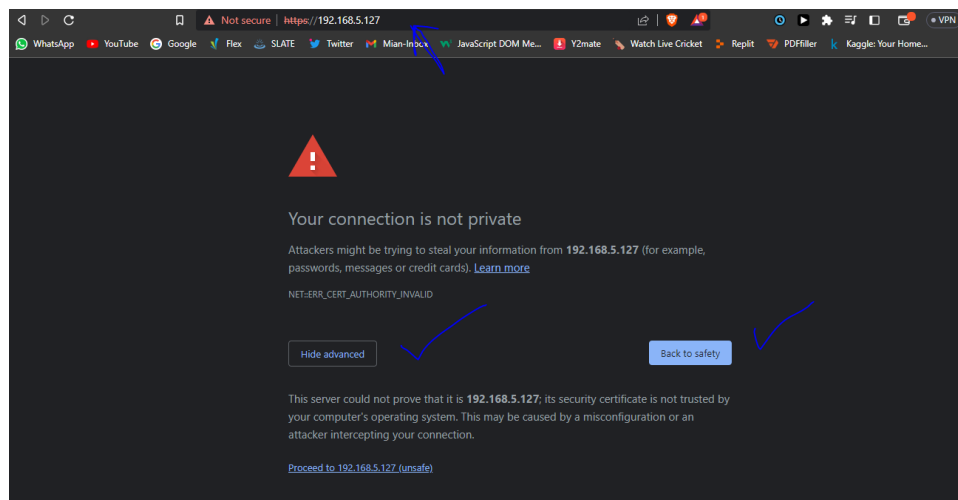
```
abdulsubhan@nextcloud-ubuntu22:~$ sudo nextcloud.occ config:system:set trusted_domain 1 -- value 192.168.5.127
System config value trusted_domain => 1 => value => 192.168.5.127 set to empty string
abdulsubhan@nextcloud-ubuntu22:~$ _
```

(error) Domain ---> Domains

```
abdulsubhan@nextcloud-ubuntu22:~$ sudo nextcloud.enable-https self-signed
Generating key and self-signed certificate... done
Restarting apache... done
abdulsubhan@nextcloud-ubuntu22:~$
```

Server configuration is complete, and your cloud is operational. The Next cloud service is running, and your server is listening on your local network for HTTP and HTTPS connection requests.

## Login to next cloud



Install Nextcloud client on your desktop computer

