
LAB 01

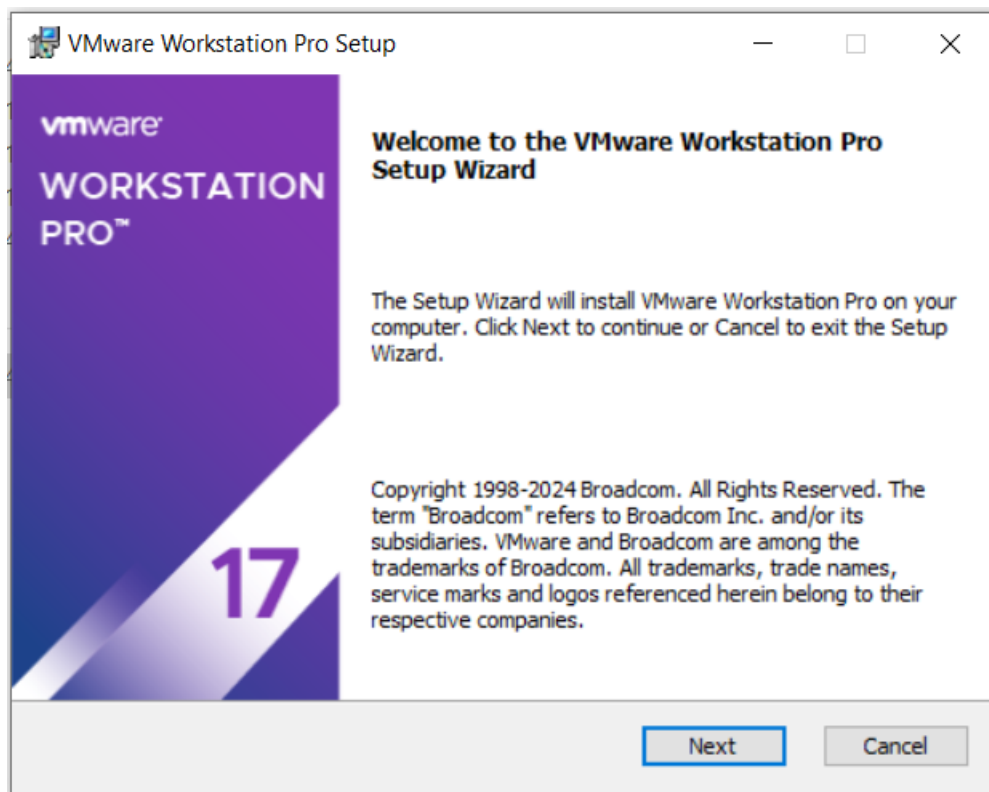
NAME: SHUMAIL ZAHRA

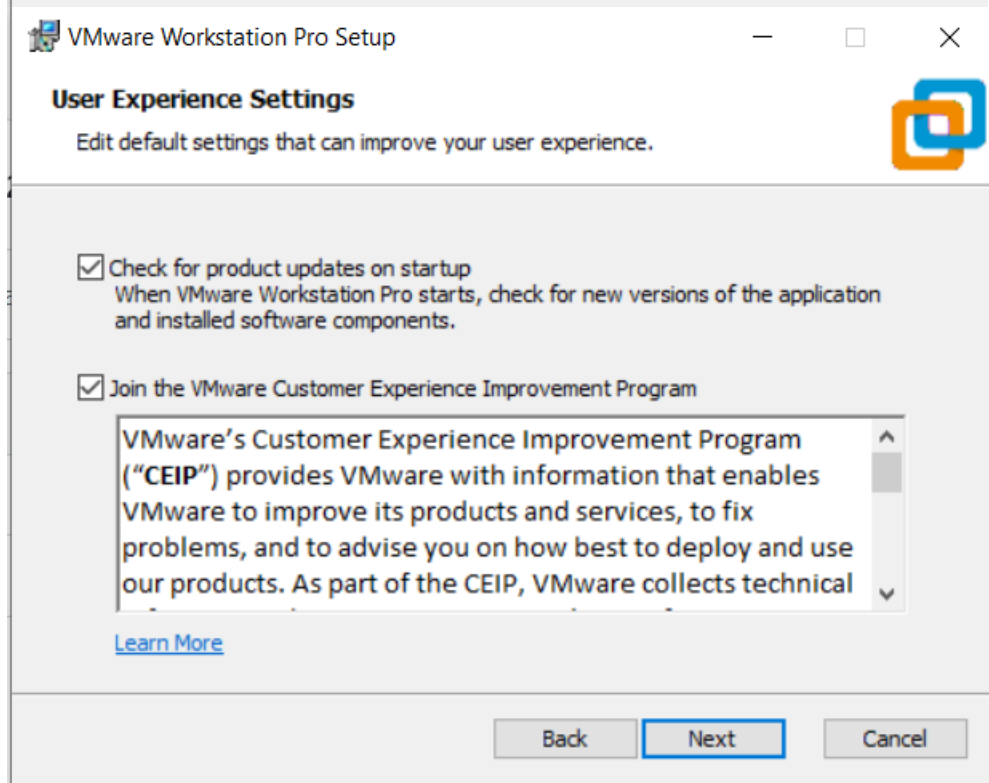
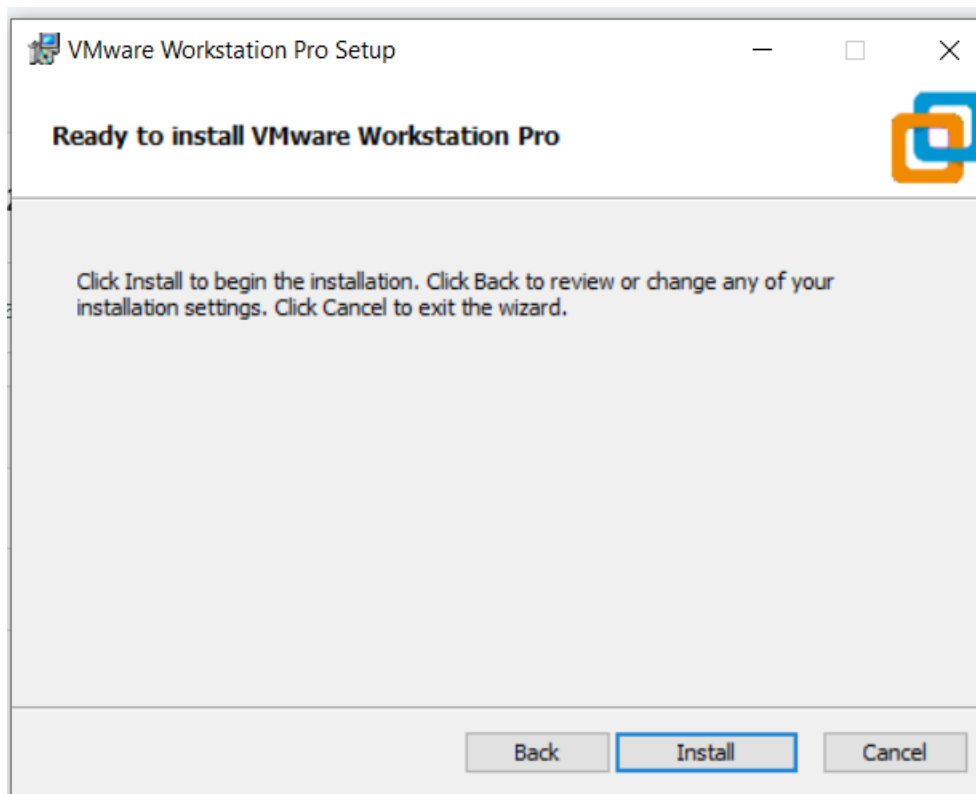
REGISTRATION #: 2023-BSE-061

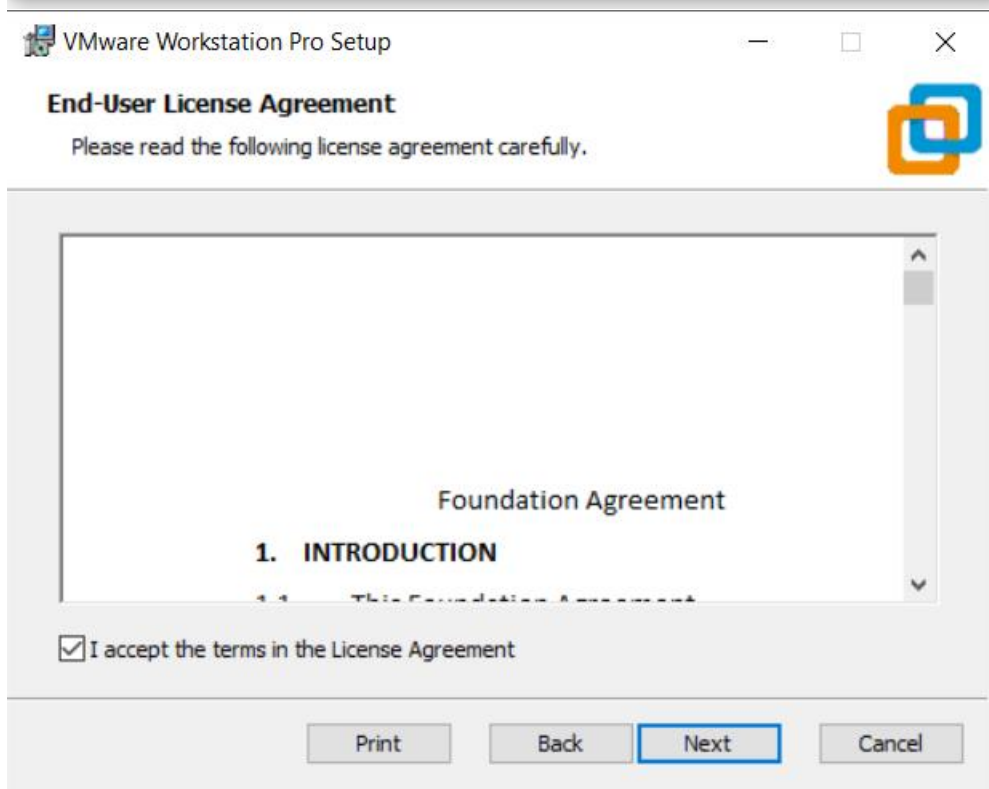
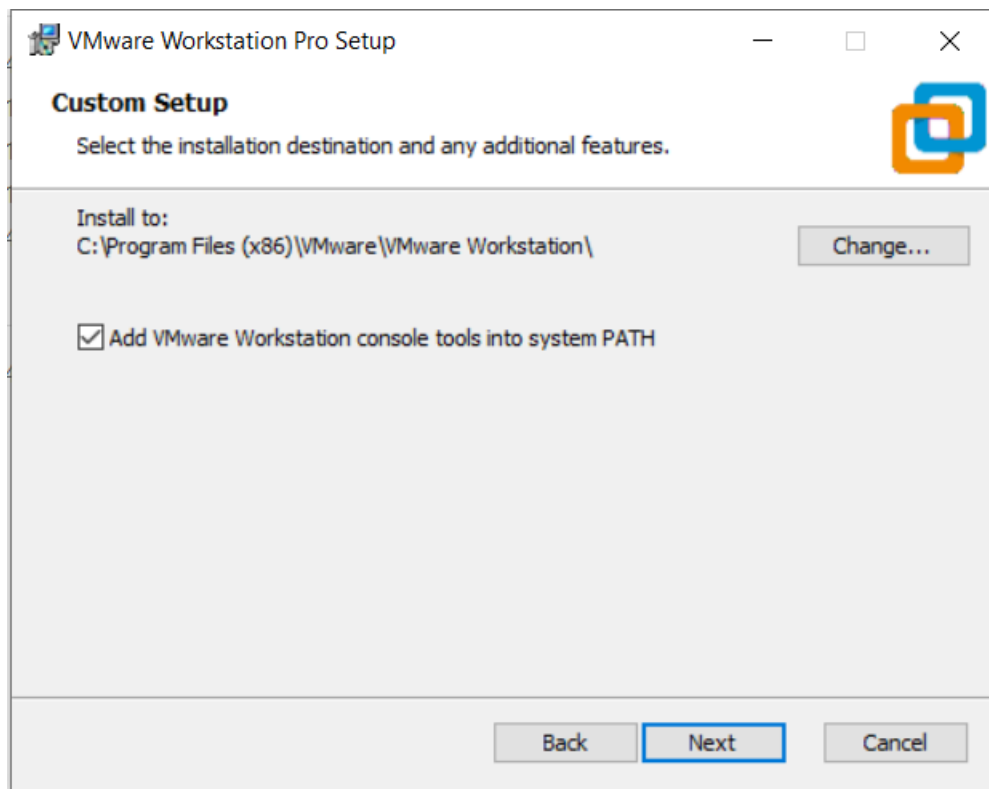
DEPARTMENT: BSE(5B)

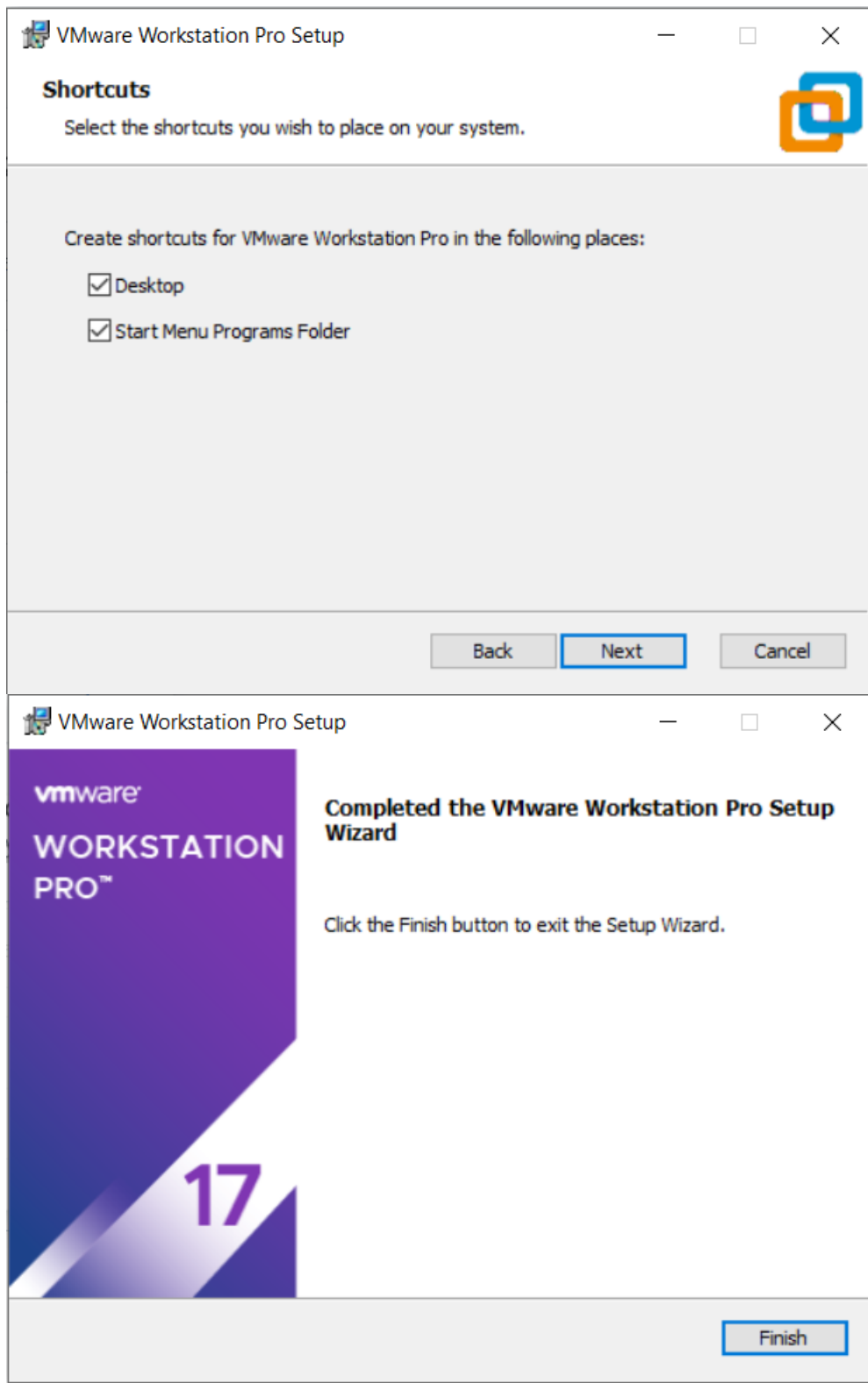
LAB TASK

VMWare Installation:

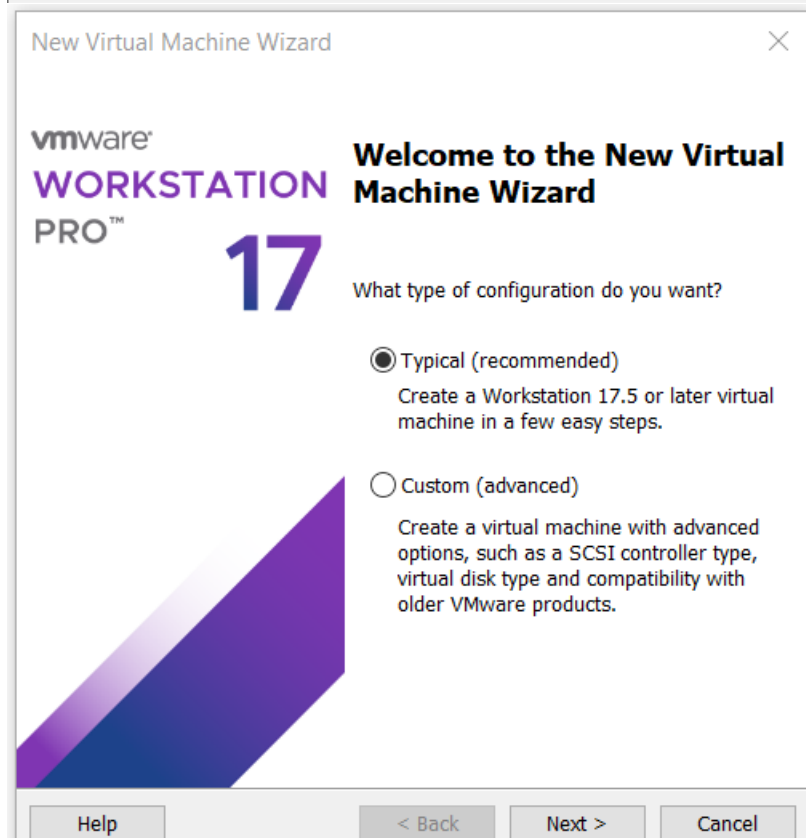
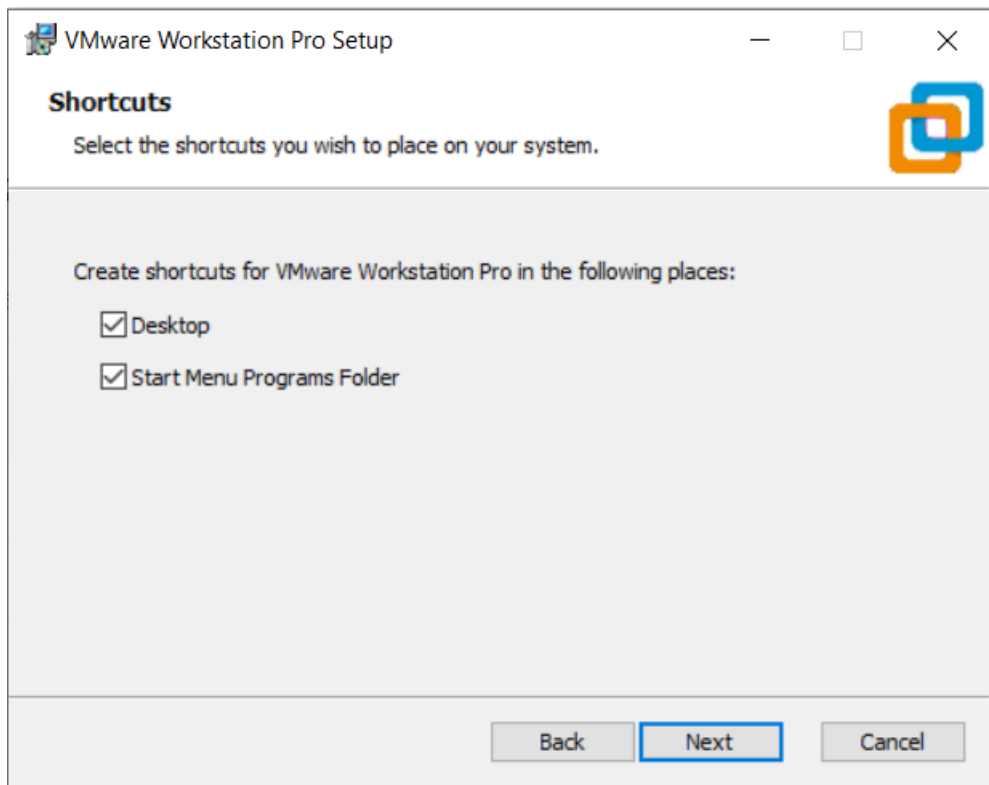








Installation of Ubuntu in VMWare:



New Virtual Machine Wizard



Specify Disk Capacity

How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):

Recommended size for Ubuntu 64-bit: 20 GB

- ☐ Store virtual disk as a single file
- ☒ Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help

< Back

Next >

Cancel

New Virtual Machine Wizard



Ready to Create Virtual Machine

Click Finish to create the virtual machine and start installing Ubuntu 64-bit.

The virtual machine will be created with the following settings:

Name:	Ubuntu 64-bit
Location:	C:\Users\Syed\Documents\Virtual Machines\Ubuntu 64-bit
Version:	Workstation 17.5 or later
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB
Memory:	4096 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Sound Card

Customize Hardware...

☒ Power on this virtual machine after creation

< Back

Finish

Cancel

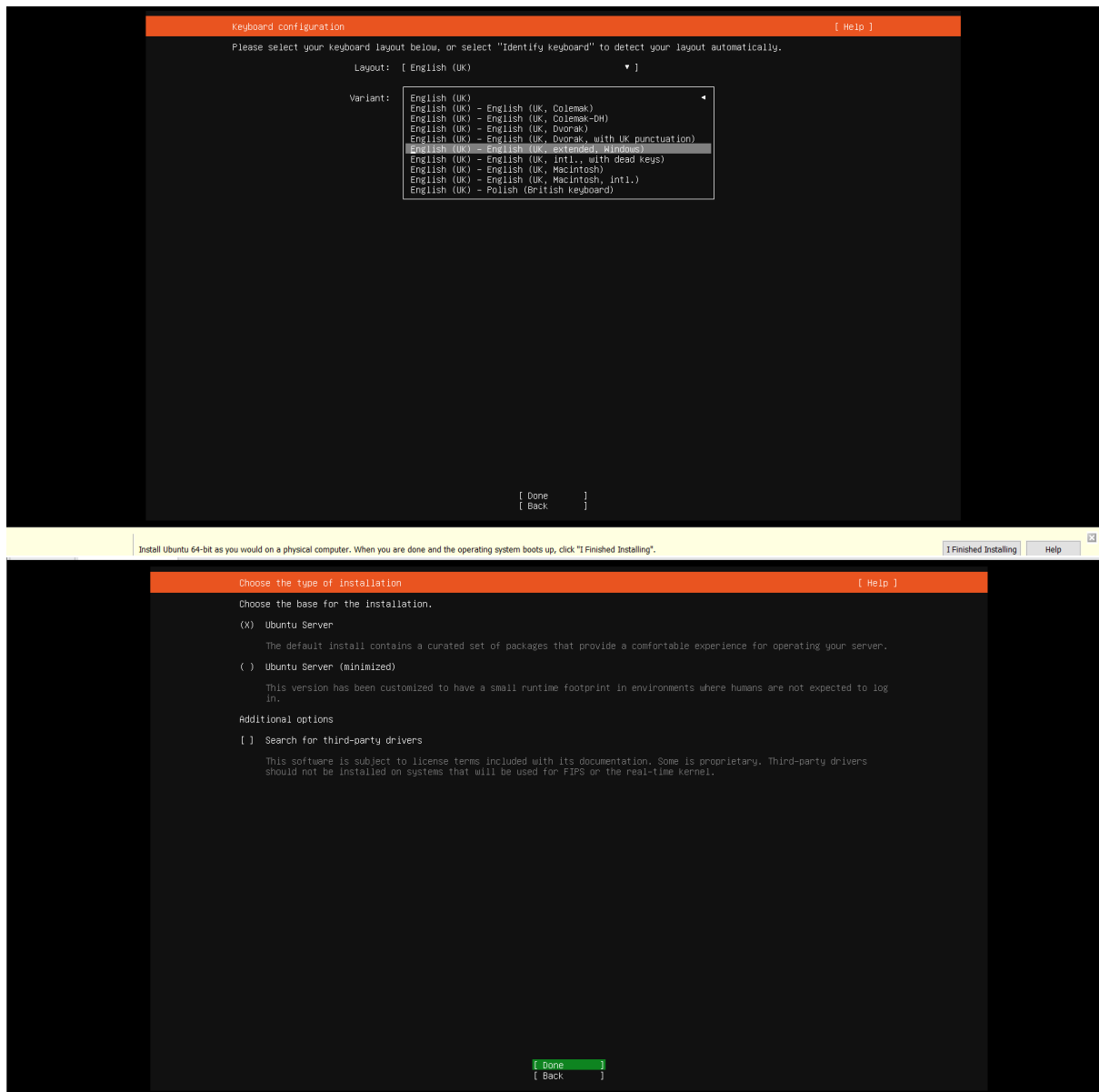
```
[ OK ] Listening on iscsid.socket - Open-iSCSI iscsid Socket.
Starting lxd-installer.socket - Helper to install lxd snap on demand...
Starting snapd.socket - Socket activation for snappy daemon...
[ OK ] Listening on ssh.socket - OpenSSH Secure Shell server socket.
[ OK ] Listening on uuid.socket - UUID daemon activation socket.
[ OK ] Reached target remote-fs-pre.target - Preparation for Remote File Systems.
[ OK ] Reached target remote-fs.target - Remote File Systems.
[ OK ] Finished blk-availability.service - Availability of block devices.
[ OK ] Listening on lxd-installer.socket - Helper to install lxd snap on demand.
[ OK ] Listening on snapd.socket - Socket activation for snappy daemon.
[ OK ] Reached target sockets.target - Socket Units.
[ OK ] Reached target basic.target - Basic System.
Starting apport.service - automatic crash report generation...
Starting cloud-config.service - Cloud-init Config Stage...
[ OK ] Started cron.service - Regular background program processing daemon.
Starting dbus.service - D-Bus System Message Bus...
[ OK ] Started dmesg.service - Save initial kernel messages after boot.
Starting e2scrub_reap.service - Remove Stale Online ext4 Metadata Check Snapshots...
[ OK ] Reached target getty.target - Login Prompts.
Starting polkit.service - Authorization Manager...
Starting pollinate.service - Pollinate to seed the pseudo random number generator...
Starting rsyslog.service - System Logging Service...
[ OK ] Reached target getty-pre.target - Preparation for Logins.
Starting snapd.secd.service - Wait until snapd is fully seeded...
Starting snapd.service - Snap Daemon...
Starting sysstat.service - Resets System Activity Logs...
Starting systemd-logind.service - User Login Management...
Starting systemd-user-sessions.service - Permit User Sessions...
Starting udisk2.service - Disk Manager...
[ OK ] Started dbus.service - D-Bus System Message Bus.
[ OK ] Finished systemd-user-sessions.service - Permit User Sessions.
Starting plymouth-quit-wait.service - Hold until boot process finishes up...
Starting plymouth-quit.service - Terminate Plymouth Boot Screen...
[ OK ] Finished sysstat.service - Resets System Activity Logs.
[ OK ] Finished e2scrub_reap.service - Remove Stale Online ext4 Metadata Check Snapshots.
[ OK ] Finished plymouth-quit-wait.service - Hold until boot process finishes up.
Starting setvtrgb.service - Set console scheme...
[ OK ] Started systemd-logind.service - User Login Management.
[ OK ] Finished plymouth-quit.service - Terminate Plymouth Boot Screen.
[ OK ] Started unattended-upgrades.service - Unattended Upgrades Shutdown.
[ OK ] Finished setvtrgb.service - Set console scheme.
[ OK ] Started polkit.service - Authorization Manager.
Starting ModemManager.service - Modem Manager...
[ OK ] Started udisk2.service - Disk Manager.
[ OK ] Finished apport.service - automatic crash report generation.
[ OK ] Started rsyslog.service - System Logging Service.
[ OK ] Started ModemManager.service - Modem Manager.
[ OK ] Finished cloud-config.service - Cloud-init Config Stage.
[ OK ] Finished pollinate.service - Pollinate to seed the pseudo random number generator.
```

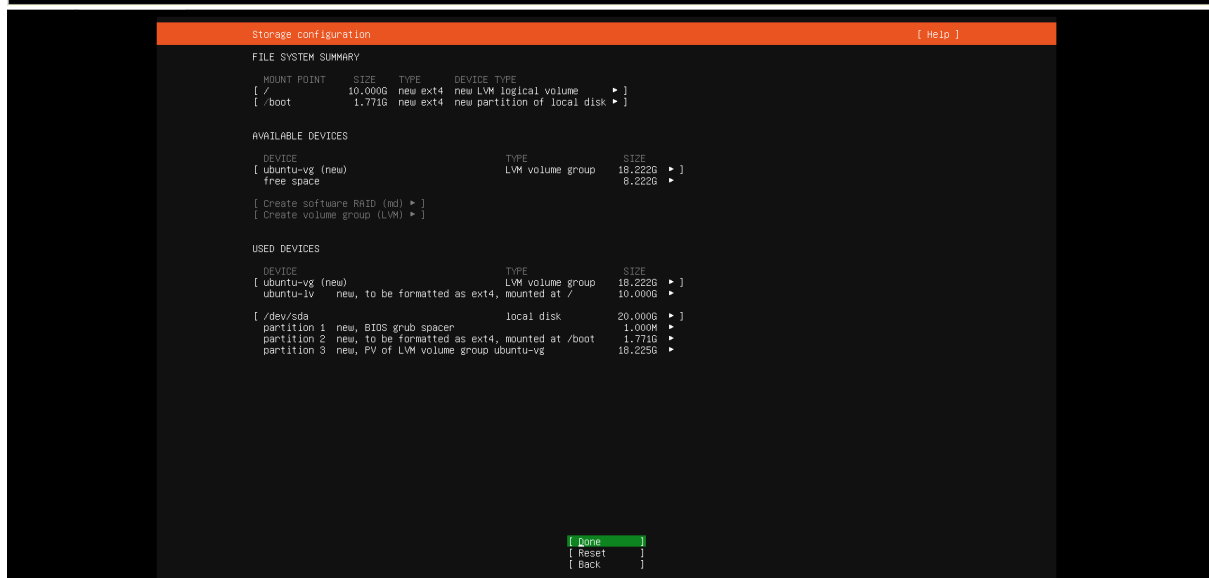
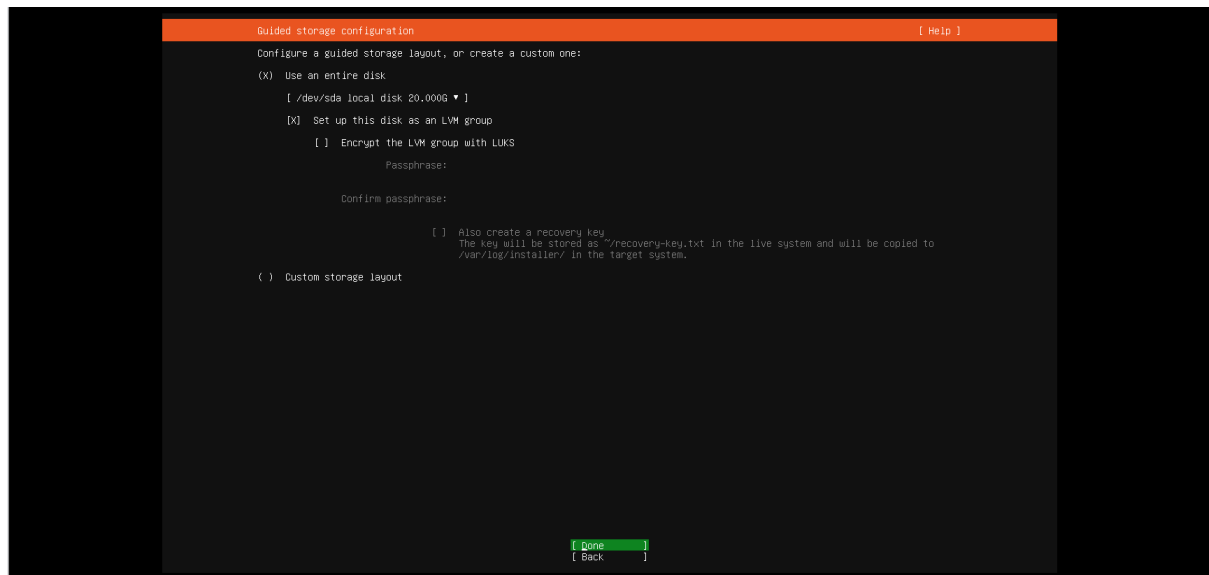
Willkommen! Bienvenue! Welcome! Добро пожаловать! Welkom!

[Help]

Use UP, DOWN and ENTER keys to select your language.

```
[ Asturianu
[ Bahasa Indonesia
[ Català
[ Deutsch
[ English
[ English (UK)
[ Español
[ Français
[ Galego
[ Hrvatski
[ Latvīskā
[ Lietuviškai
[ Magyar
[ Nederlands
[ Norsk bokmål
[ Occitan
[ Polski
[ Português
[ Suomi
[ Svenska
[ Čeština
[ Ελληνικά
[ Беларуская
[ Русский
[ Српски
[ Українська
```





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md) ► ]  
VM) ► ]
```

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]

[Done]

Profile configuration

[Help]

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

Your name: shumail

Your servers name: shumail66

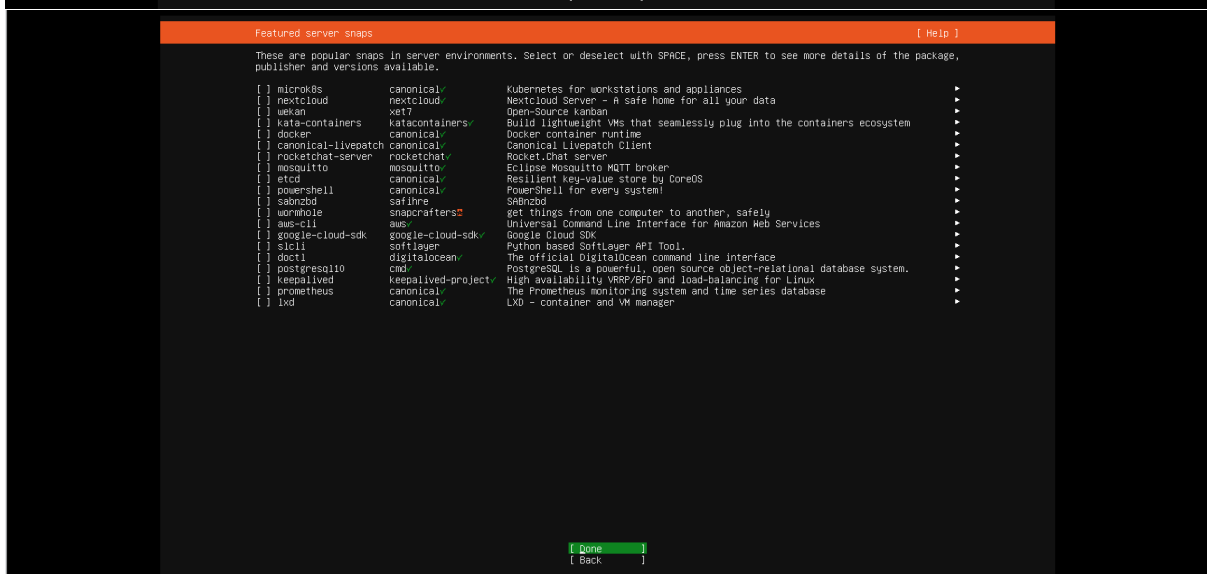
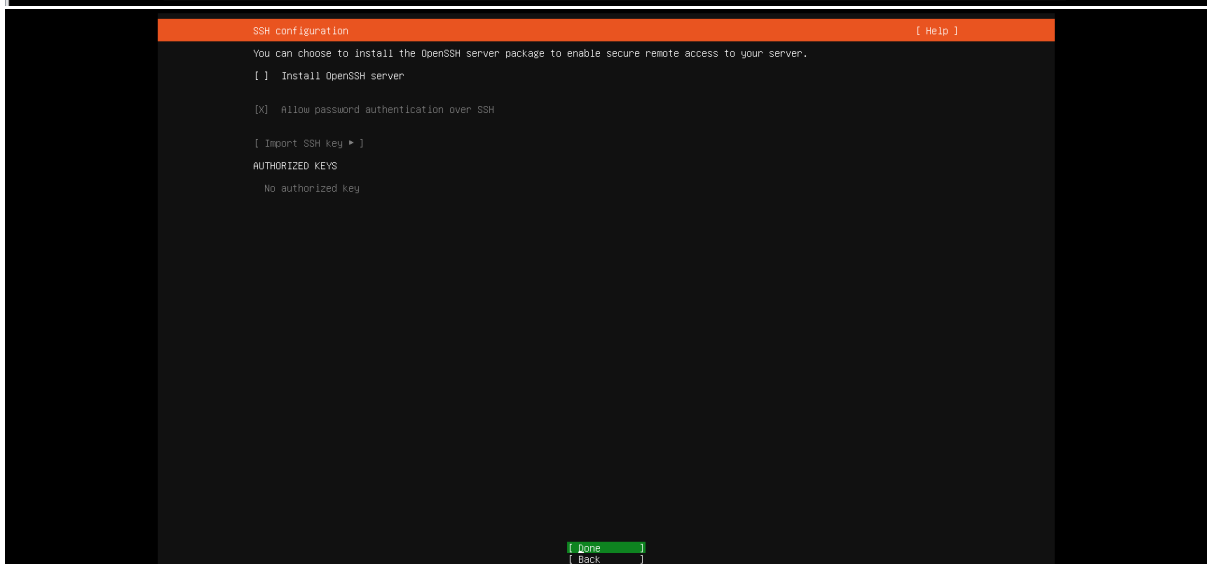
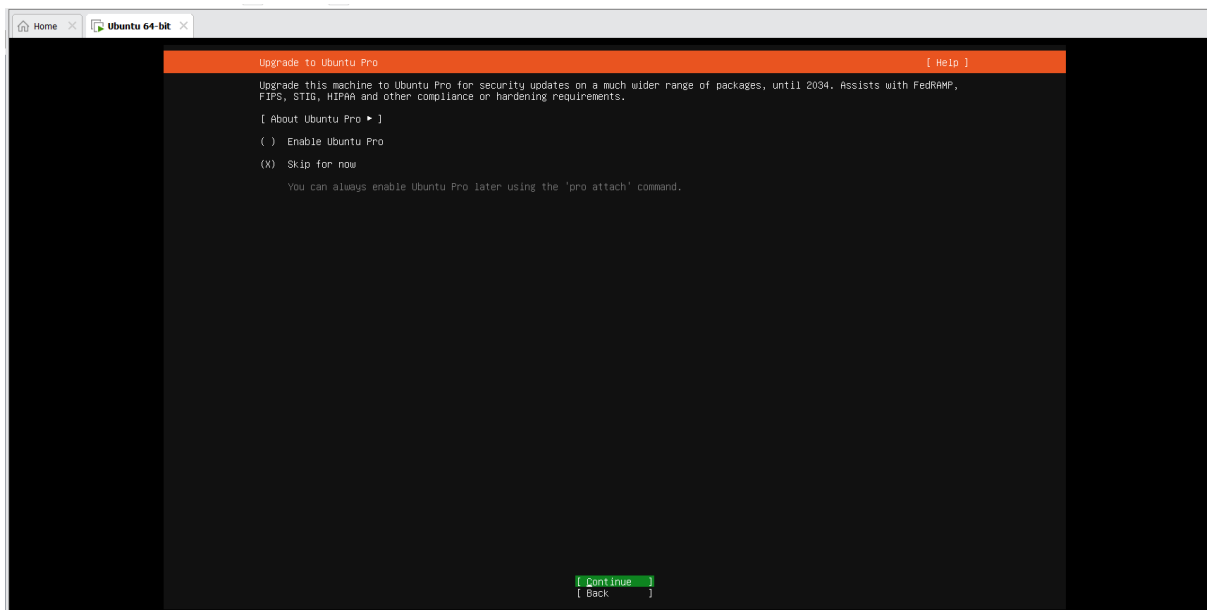
The IP address it uses when it talks to other computers.

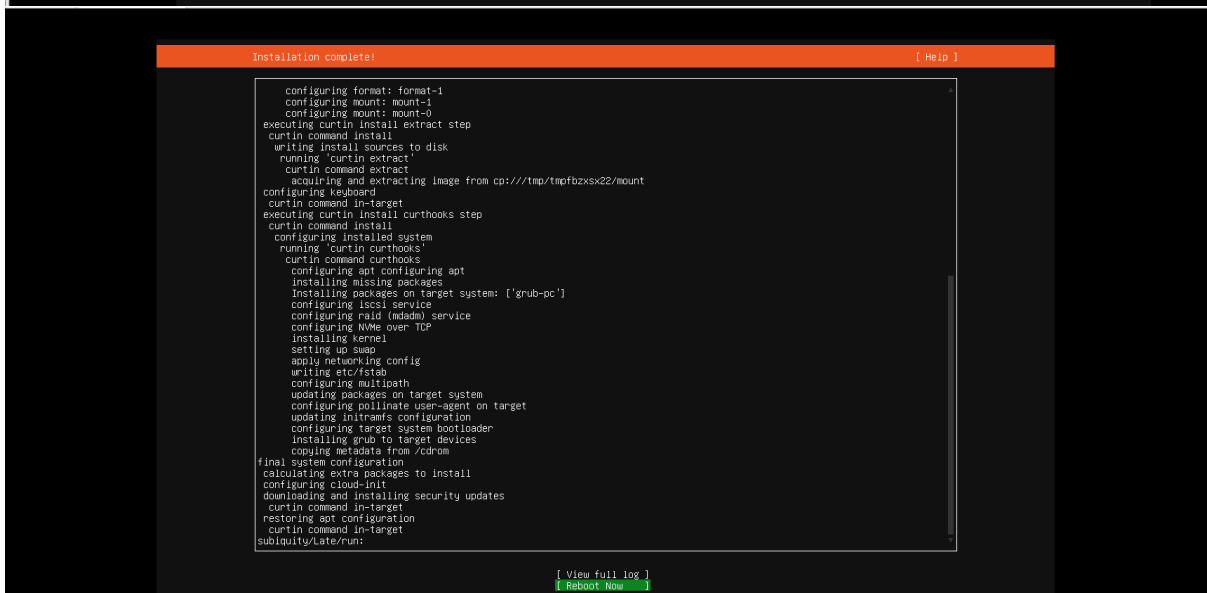
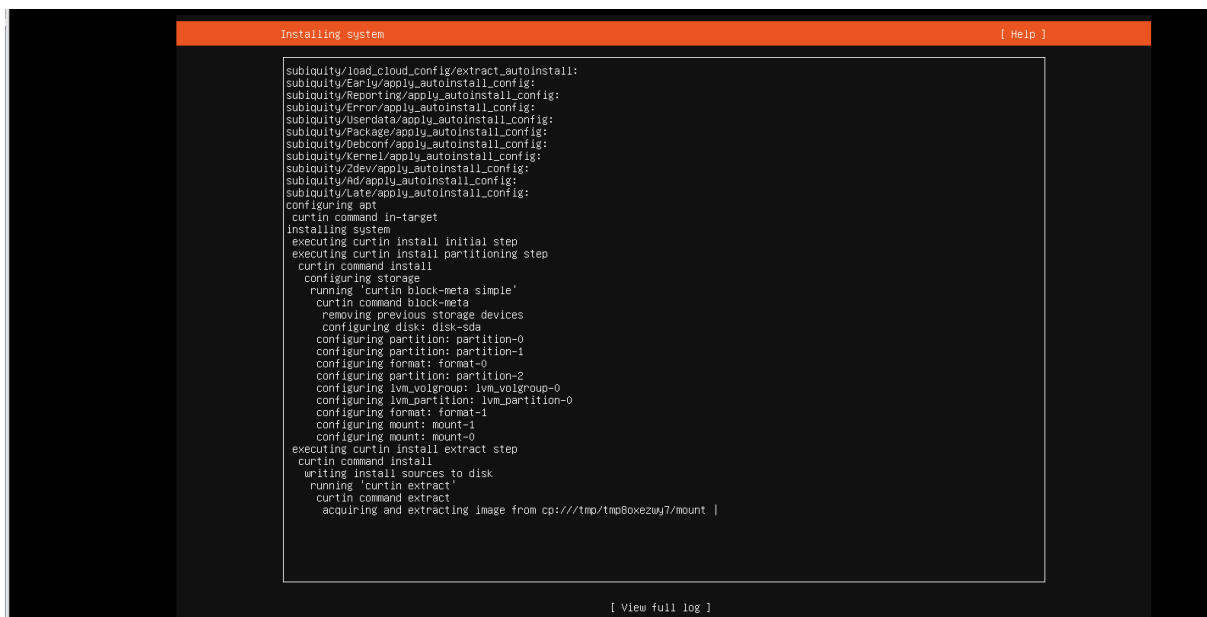
Pick a username: shumail

Choose a password: ***

Confirm your password: ***

[Done]





```
C:\Users\Syed>ssh shumail@192.168.183.128
The authenticity of host '192.168.183.128 (192.168.183.128)' can't be established.
ED25519 key fingerprint is SHA256:nNqclRFz71B0abNGSzdHYNi3XTaaUVP9X3jq5zgSc1I.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.183.128' (ED25519) to the list of known hosts.
shumail@192.168.183.128'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 Tue Sep 30 05:40:26 AM UTC 2025

System load:  0.17           Processes:            218
Usage of /:   25.7% of 9.75GB Users logged in:          1
Memory usage: 8%            IPv4 address for ens33: 192.168.183.128
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

Failed to connect to https://changelogs.ubuntu.com/meta-release-lts. Check your Internet connection or proxy settings

shumail@shumail66:~$
```