



Cloud Computing Lab

Submitted to:

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Reg no:

2023-BSE-026

Section:

A

Lab #01

Lab Title:

Installation of Linux Server

Downloads > Utilities > Download VMWare Workstation Pro



VMWare Workstation Pro

File name: VMware-workstation-full-17.6.4-24832109.exe File size: 405.7 MB



Select server for download

VMWare Workstation Pro 17.6.4 is available from our servers in the following locations:

Your download is starting now...

Get notified when a new version is released



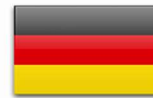
(closest to you)
TechPowerUp US-3
Server load: 41%



TechPowerUp SG
Server load: 20%



TechPowerUp NL
Server load: 0%



TechPowerUp DE
Server load: 5%



TechPowerUp UK-1
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Recent download history



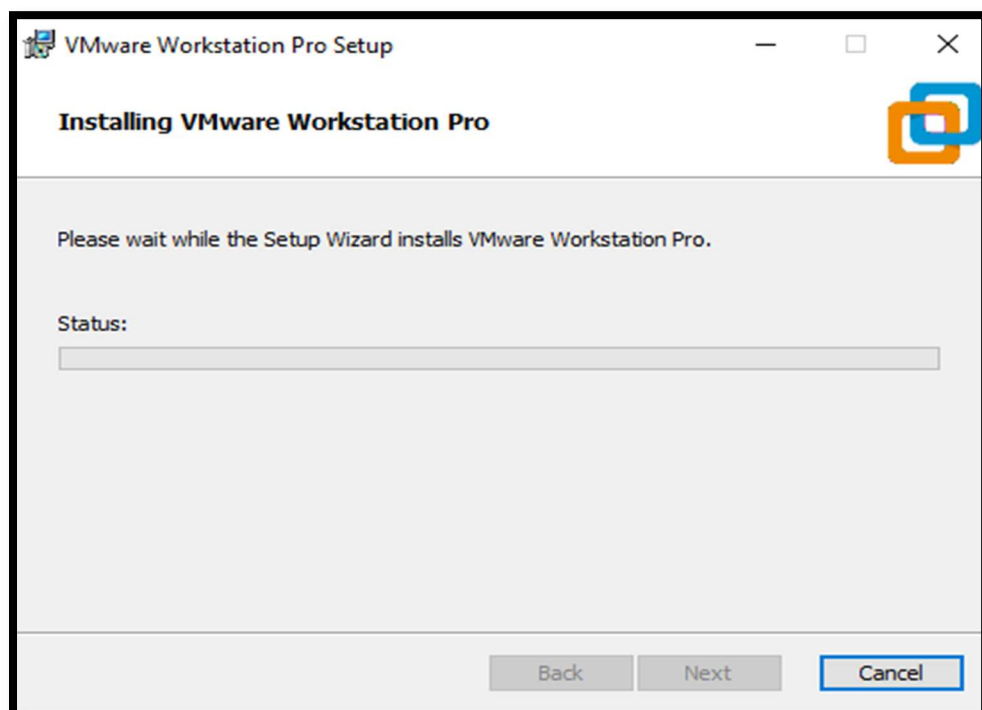
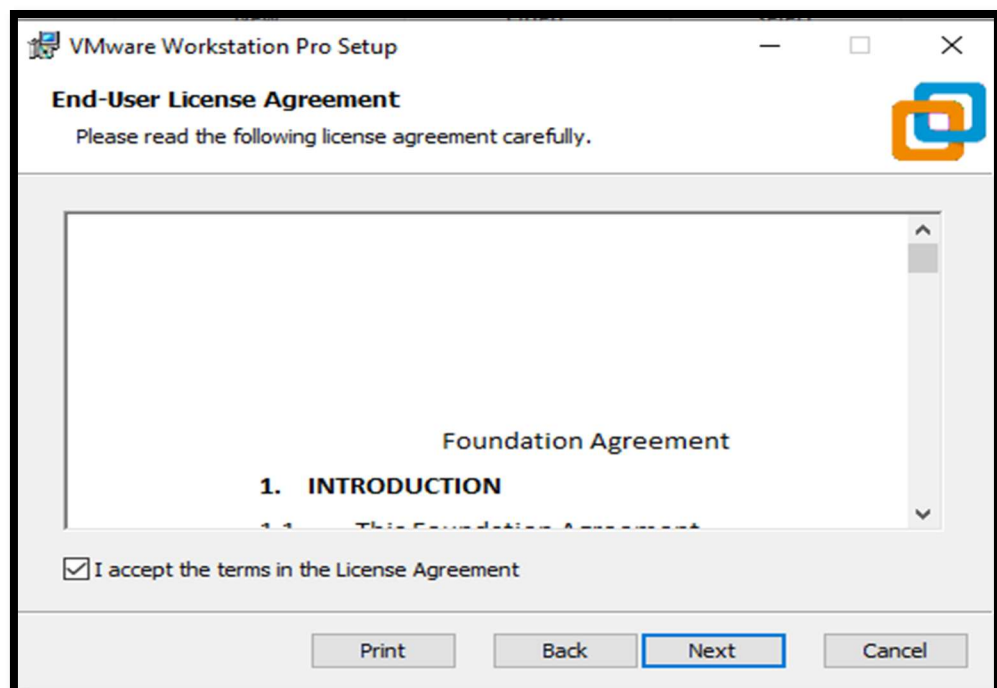
VMware-workstation-
full-17.6.4-24832109 (1).exe
406 MB • Done

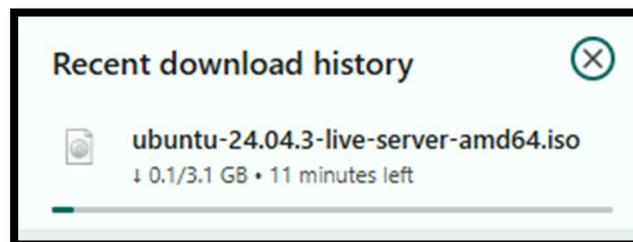
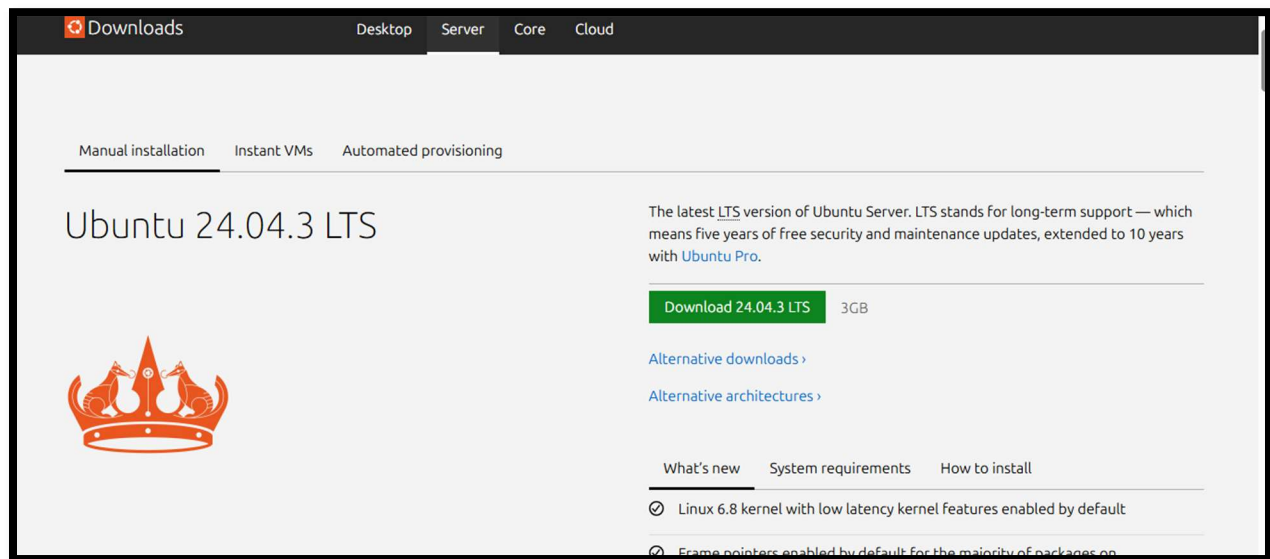
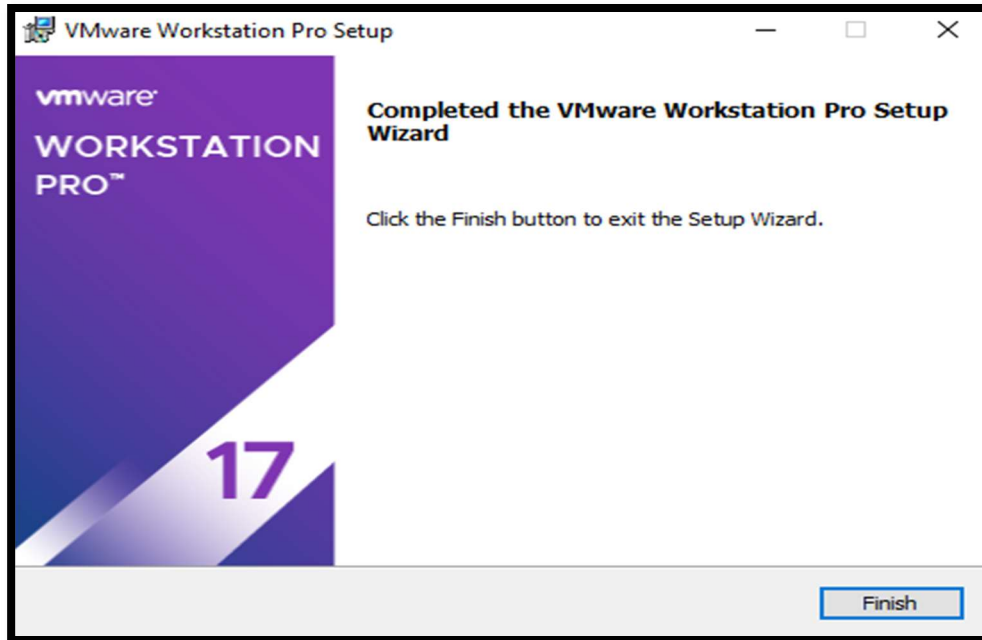


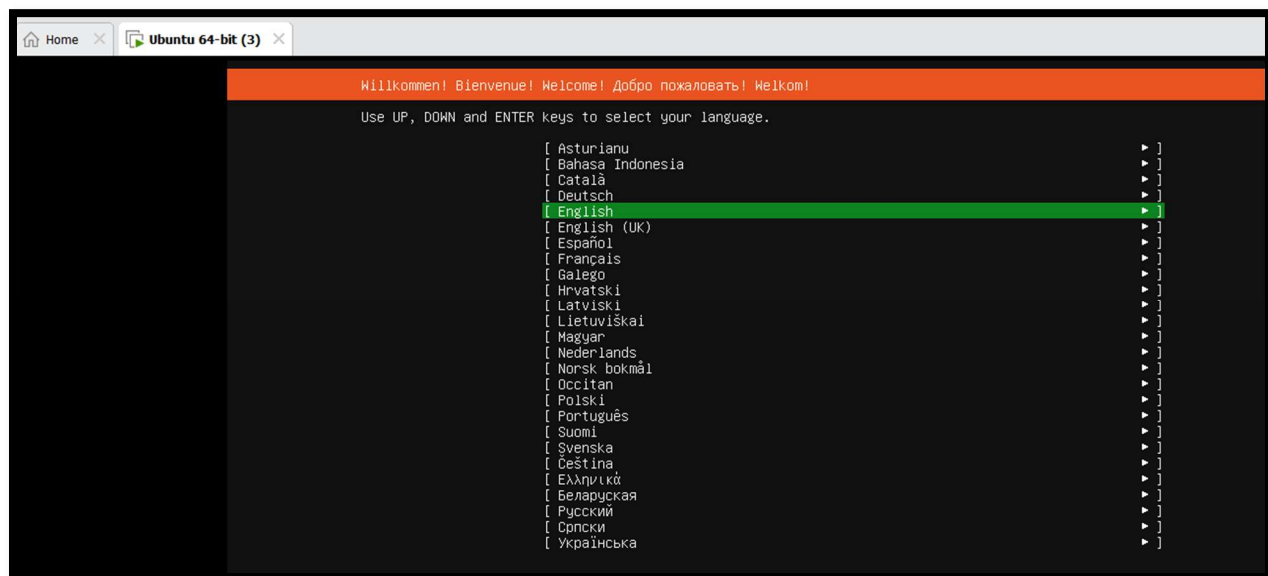
vmware®

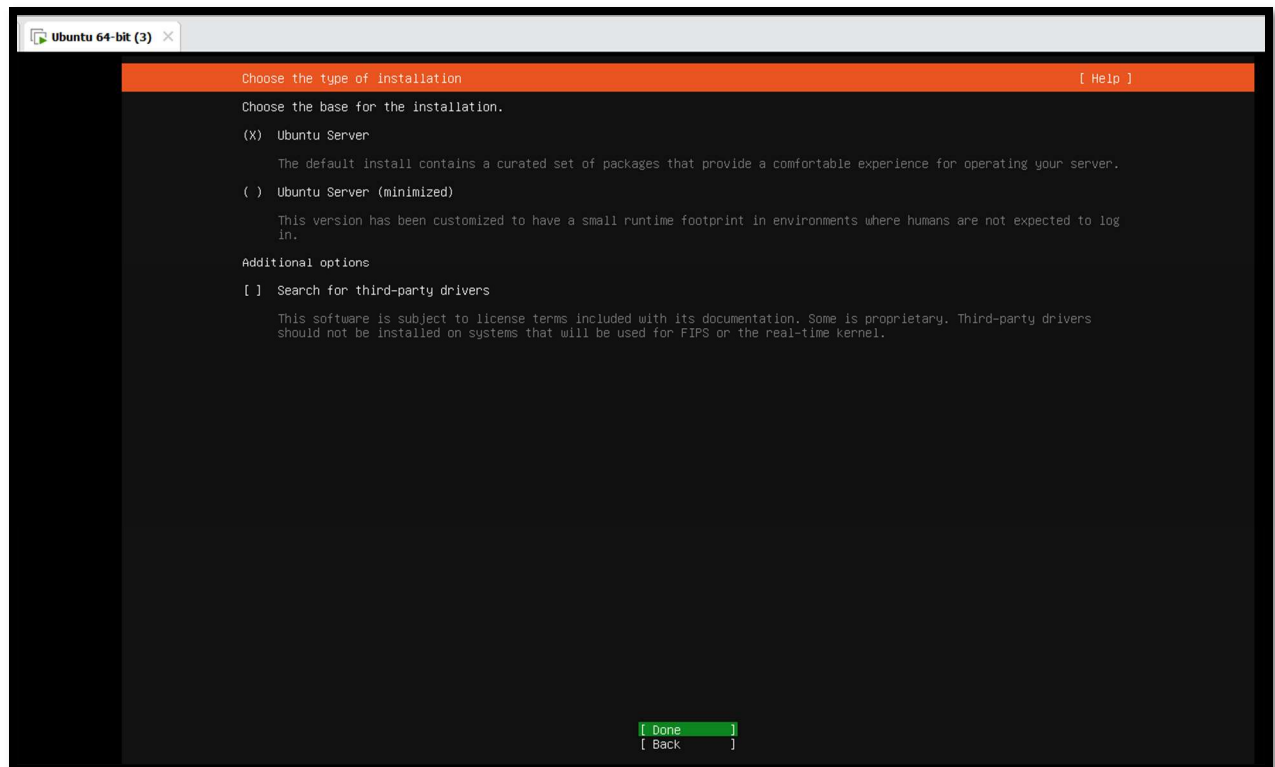
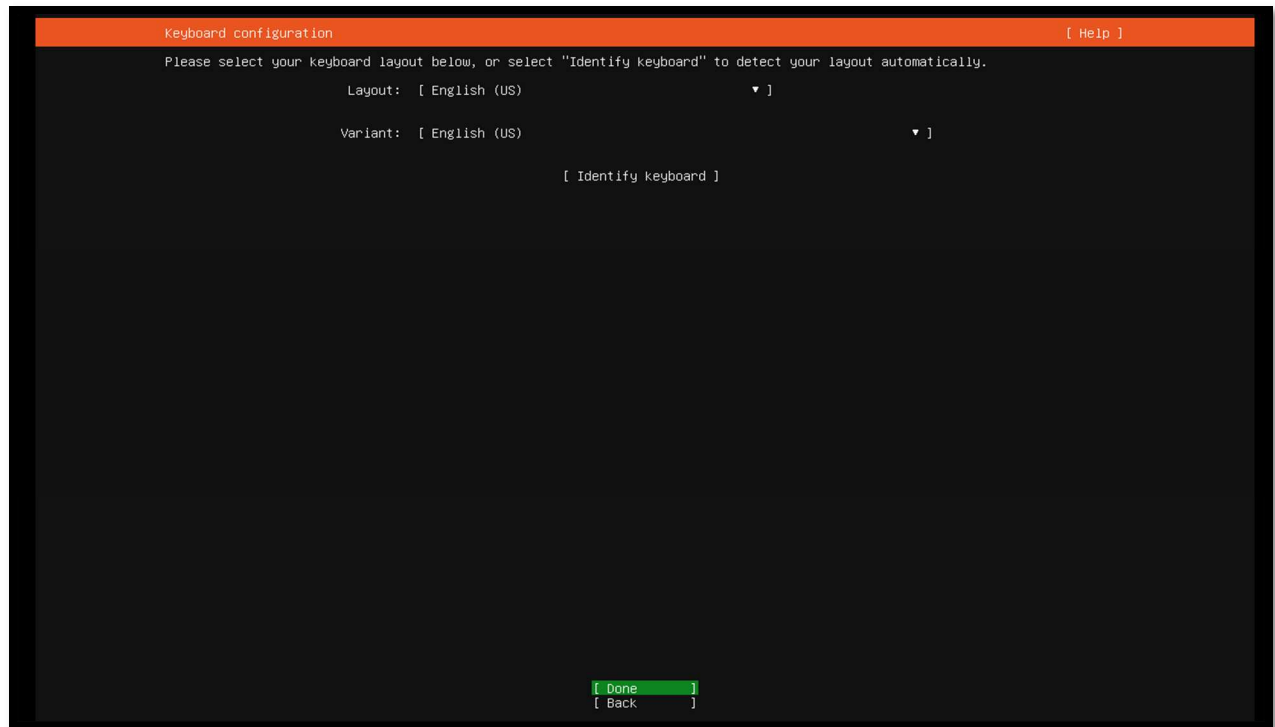
WORKSTATION
PRO™

17









Network configuration

[Help]

Configure at least one interface this server can use to talk to other machines, and which preferably provides sufficient access for updates.

NAME	TYPE	NOTES
[ens33	eth	- ▶]
DHCPv4	192.168.230.140/24	
00:0c:29:d4:ea:1d / Intel Corporation / 82545EM Gigabit Ethernet Controller (Copper) (PRO/1000 MT Single Port Adapter)		

[Create bond ▶]

[Done]

[Back]

Proxy configuration

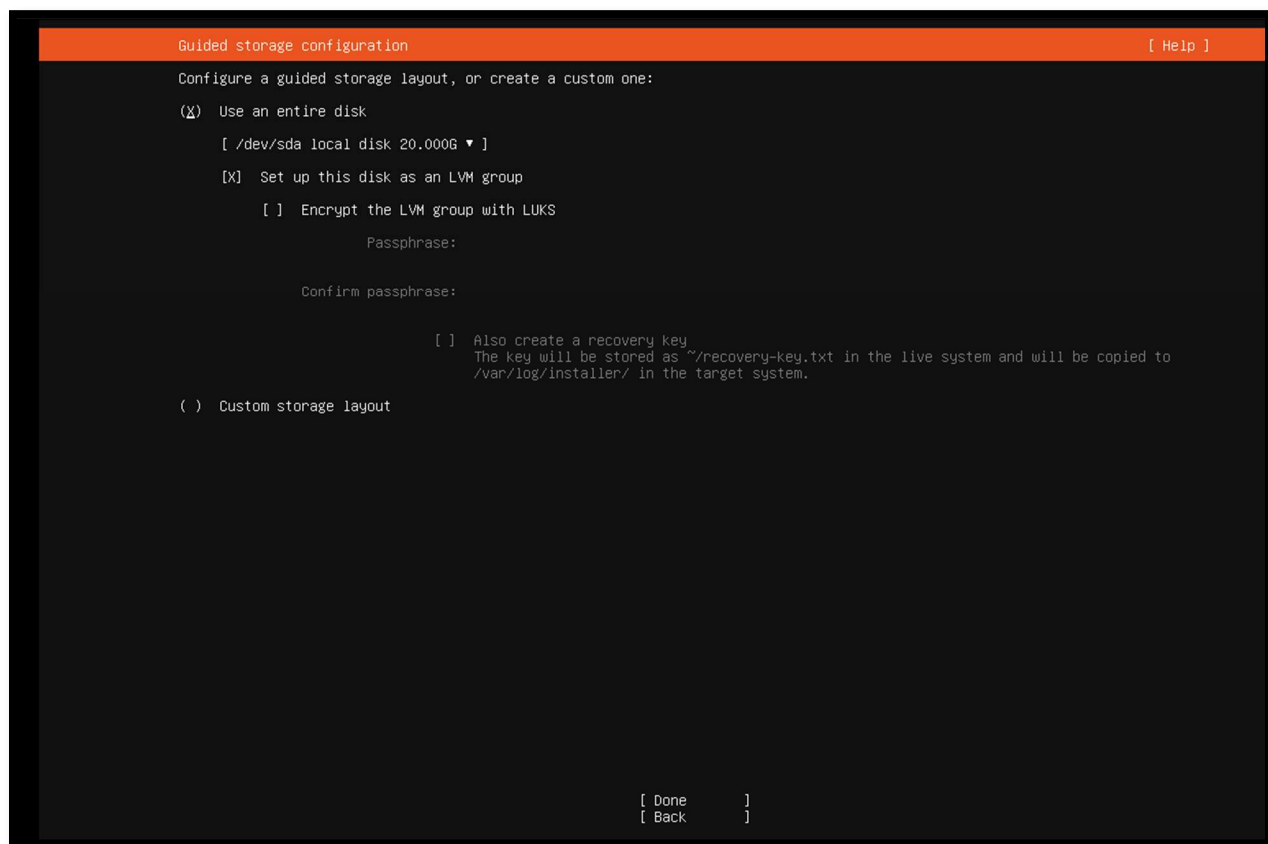
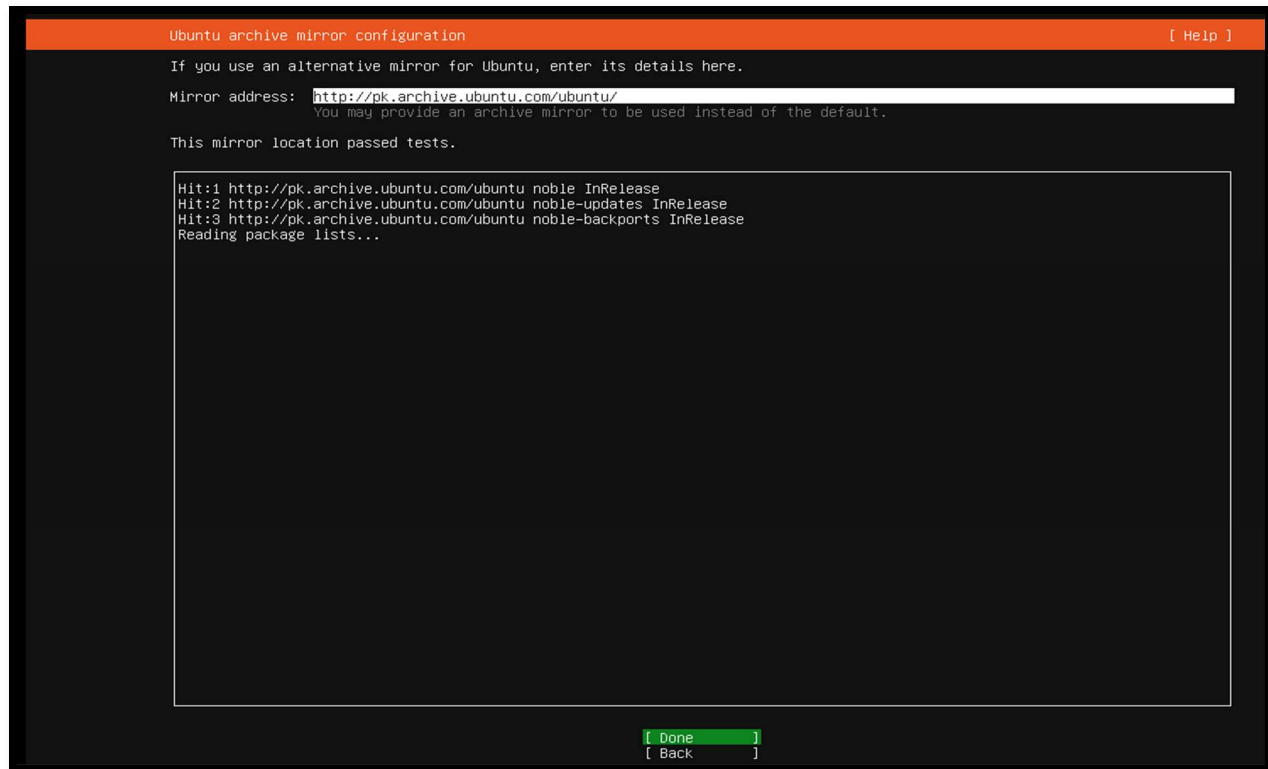
[Help]

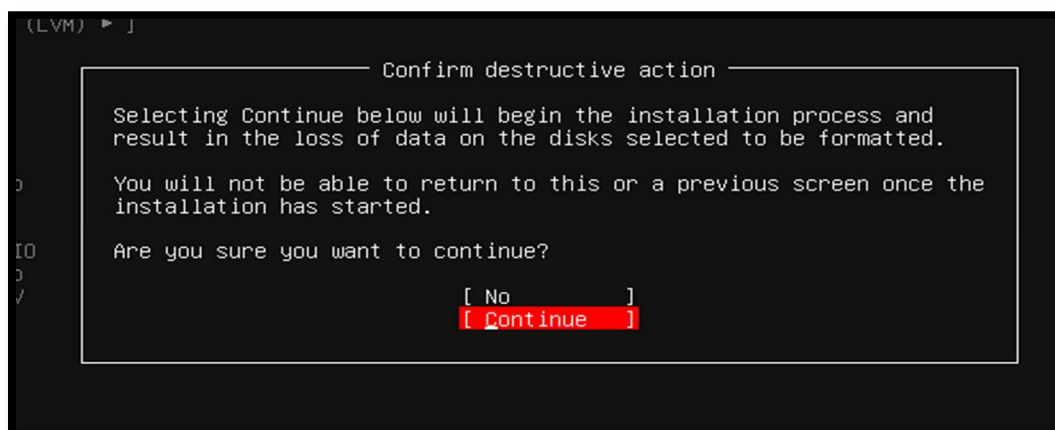
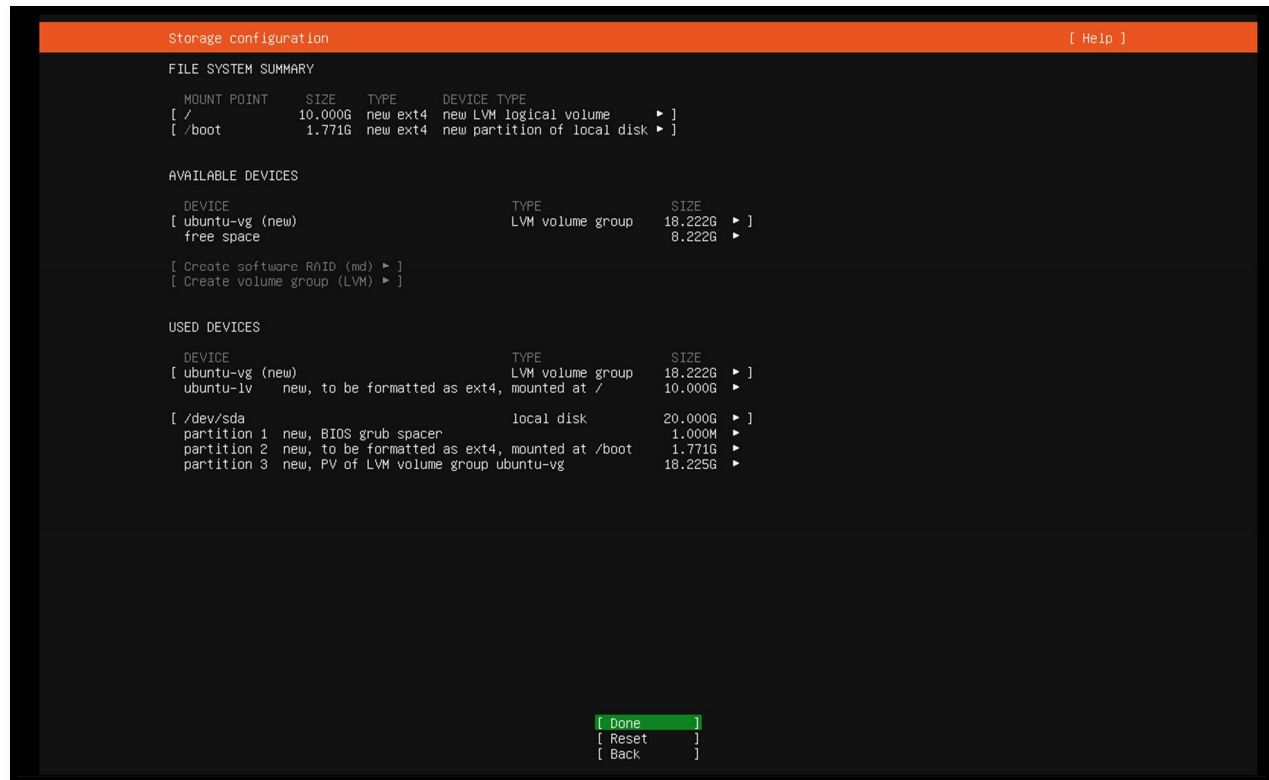
If this system requires a proxy to connect to the internet, enter its details here.

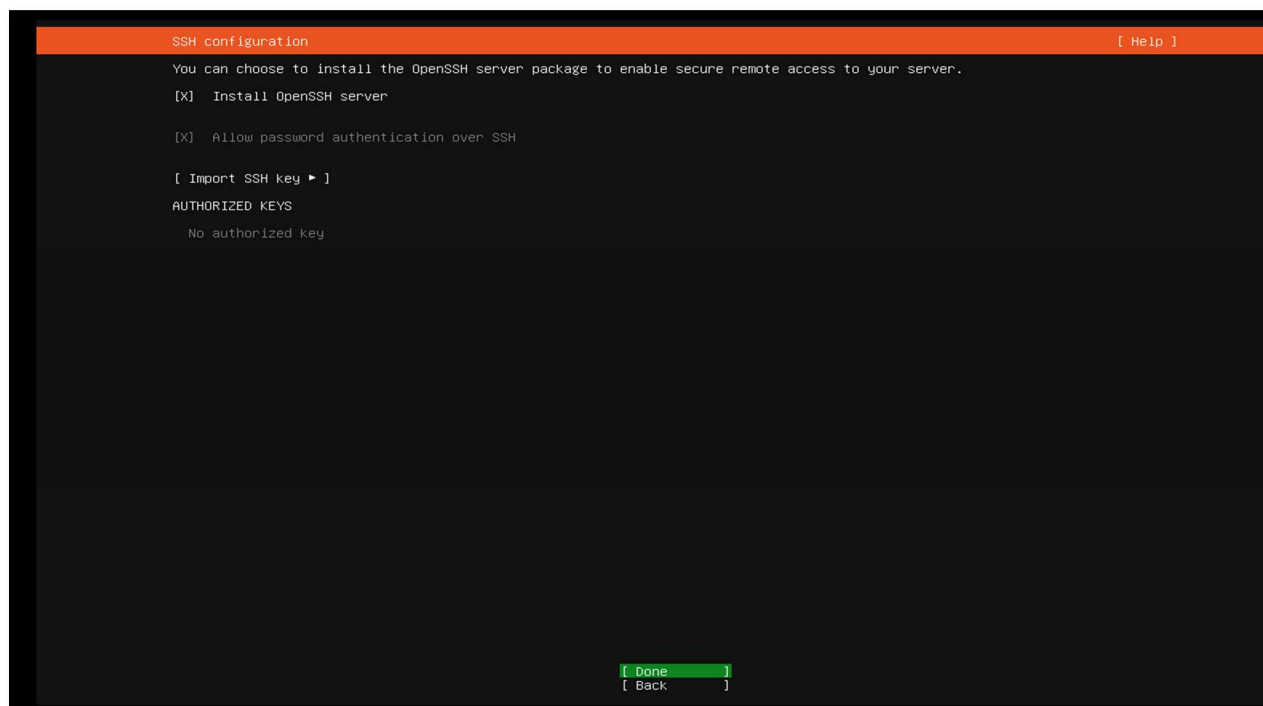
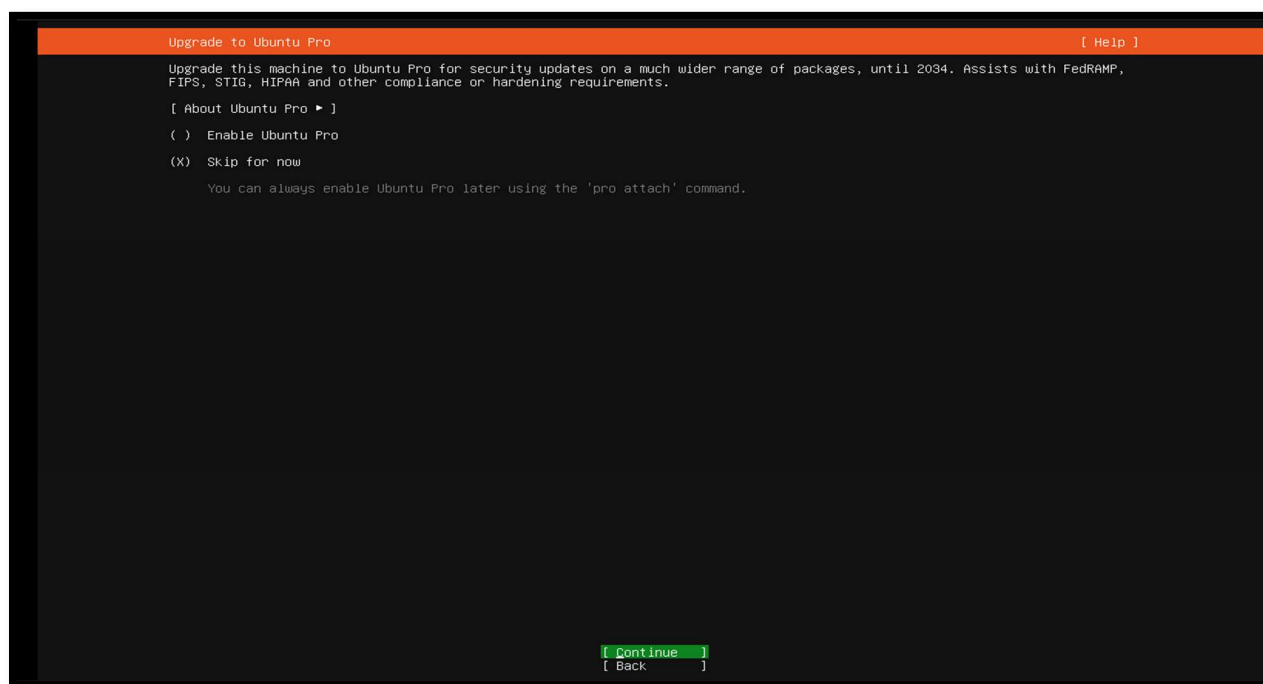
Proxy address:

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

The proxy information should be given in the standard form of "http://[[user][:pass]@]host[:port]/".







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	canonical✓	Kubernetes for workstations and appliances	▶
[]	nextcloud	nextcloud✓	Nextcloud Server - A safe home for all your data	▶
[]	wekan	xet7	Open-Source kanban	▶
[]	kata-containers	katacontainers✓	Build lightweight VMs that seamlessly plug into the containers ecosystem	▶
[]	docker	canonical✓	Docker container runtime	▶
[]	canonical-livepatch	canonical✓	Canonical Livepatch Client	▶
[]	rocketchat-server	rocketchat✓	Rocket.Chat server	▶
[]	mosquitto	mosquitto✓	Eclipse Mosquitto MQTT broker	▶
[]	etcd	canonical✓	Resilient key-value store by CoreOS	▶
[]	powershell	canonical✓	PowerShell for every system!	▶
[]	sabnzbd	safihre	SABnzbd	▶
[]	wormhole	snapcrafters	get things from one computer to another, safely	▶
[]	aws-cli	aws✓	Universal Command Line Interface for Amazon Web Services	▶
[]	google-cloud-sdk	google-cloud-sdk✓	Google Cloud SDK	▶
[]	slcli	softlayer	Python based SoftLayer API Tool.	▶
[]	doctl	digitalocean✓	The official DigitalOcean command line interface	▶
[]	postgresql10	cmd✓	PostgreSQL is a powerful, open source object-relational database system.	▶
[]	keepalived	keepalived-project✓	High availability VRRP/BFD and load-balancing for Linux	▶
[]	prometheus	canonical✓	The Prometheus monitoring system and time series database	▶
[]	lxd	canonical✓	LXD - container and VM manager	▶

[Done]
[Back]

```
Installation complete! [ Help ]

configuring mount: mount-0
executing curtin install extract step
curtin command install
  writing install sources to disk
    running 'curtin extract'
    curtin command extract
      acquiring and extracting image from cp:///tmp/tmpvnJ5cqX8/mount
configuring keyboard
curtin command in-target
executing curtin install curthooks step
curtin command install
  configuring installed system
    running 'curtin curthooks'
    curtin command curthooks
      configuring apt
      configuring apt
      installing missing packages
      Installing packages on target system: ['grub-pc']
      configuring iscsi service
      configuring raid (mdadm) service
      configuring NVMe over TCP
      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
      copying metadata from /cdrom
final system configuration
calculating extra packages to install
installing openssh-server
retrieving openssh-server
curtin command system-install
unpacking openssh-server
curtin command system-install
configuring cloud-init
restoring apt configuration
subiquity/Late/run:

[ View full log ]
[ Reboot Now ]
```

```

X
Home X
Ubuntu 64-bit (4) X
sea...
er
64-bit (4)

hania@ubuntu:~$ 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
    inet6 ::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:29:76:e8:58 brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 192.168.230.142/24 metric 100 brd 192.168.230.255 scope global dynamic ens33
        valid_lft 1175sec preferred_lft 1175sec
    inet6 fe80::20c:29ff:fe76:e858/64 scope link
        valid_lft forever preferred_lft forever
```

```
hania@ubuntu: ~  
Microsoft Windows [Version 10.0.26100.6584]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\DELL>ssh hania@192.168.230.142  
The authenticity of host '192.168.230.142 (192.168.230.142)' can't be established.  
ED25519 key fingerprint is SHA256:jEfQHrB0Id1PGT+rFwtb5XEKSBLbrHKcgsF2BoVs07s.  
This key is not known by any other names.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '192.168.230.142' (ED25519) to the list of known hosts.  
hania@192.168.230.142'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 09:14:45 AM UTC 2025  
  
System load:  0.0                Processes:            214  
Usage of /:   45.0% of 9.75GB     Users logged in:     1  
Memory usage: 13%                IPv4 address for ens33: 192.168.230.142  
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: Mon Sep 29 05:42:37 2025 from 127.0.0.1  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
hania@ubuntu:~$
```