



# Deliverable 2 Submission

## Server Specifications


### Question 1




New




Add




Settings




Discard




Start




Preview




General




System




Display




Storage




Audio




Network



USB



Shared folders



Description

Name:ubuntu server

Operating System:Ubuntu (64-bit)

Video Memory:128 MB

Graphics Controller:VMSVGA

Remote Desktop Server:Disabled

Recording:Disabled

Controller: IDE

IDE Secondary Device 0: [Optical Drive] Empty

Controller: SATA

SATA Port 0:ubuntu server.vdi (Normal, 15.00 GB)

Host Driver: Default

Controller: ICH AC97

Adapter 1: Intel PRO/1000 MT Desktop (NAT)

USB Controller: OHCI, EHCI

Device Filters: 0 (0 active)

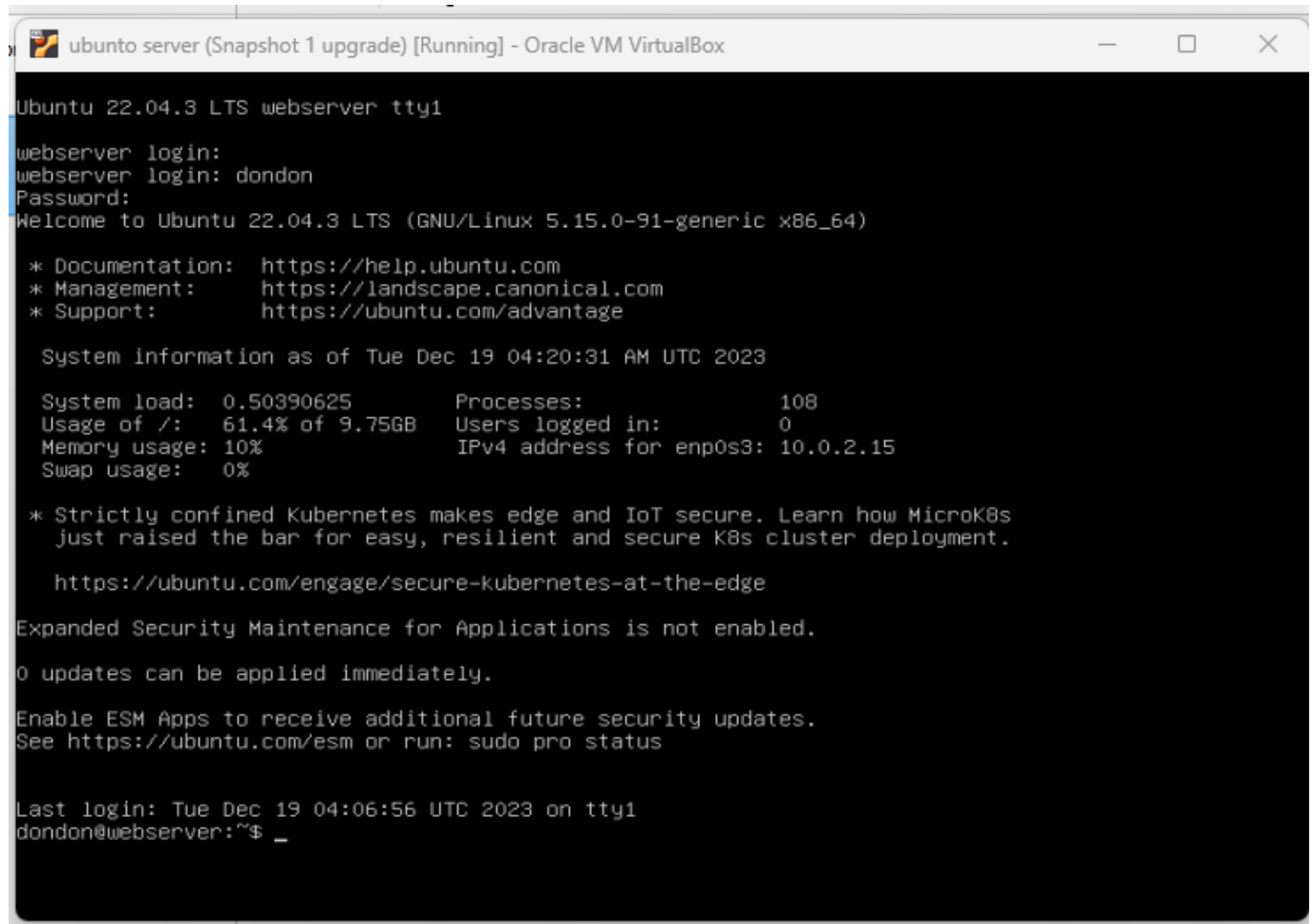
None

Hostname: webserver

user: dondon

Password: lilia

### Question 2



```
ubuntu server (Snapshot 1 upgrade) [Running] - Oracle VM VirtualBox
Ubuntu 22.04.3 LTS webserver tty1
webserver login:
webserver login: dondon
Password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-91-generic x86_64)

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

System information as of Tue Dec 19 04:20:31 AM UTC 2023

System load:  0.50390625      Processes:           108
Usage of /:   61.4% of 9.75GB  Users logged in:     0
Memory usage: 10%            IPv4 address for enp0s3: 10.0.2.15
Swap usage:   0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge

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: Tue Dec 19 04:06:56 UTC 2023 on tty1
dondon@webserver:~$ _
```

### Question 3

- **What is the IP address of your Ubuntu Server Virtual Machine?** 10.0.2.15

### Question 4

- **How do you enable the Ubuntu Firewall?**

sudo ufw enable

### Question 5

- **How do you check if the Ubuntu Firewall is running?** sudo systemctl status apache2

### Question 6

- **How do you disable the Ubuntu Firewall?** sudo ufw disable

### Question 7

- **How do you add Apache to the Firewall?** Before we can setup SSH, we need to enable the firewall configure ufw to allow Apache and SSH traffic check the status of the check the status of Apache and SSH to make sure they are running

### Question 8

- **What is the command you used to install Apache?** `sudo apt install apache2`

#### Question 9

- **What is the command you use to check if Apache is running?** `sudo systemctl status apache2`

#### Question 10

- **What is the command you use to stop Apache?** `sudo systemctl stop apache2`

#### Question 11

- **What is the command you use to restart Apache?** `sudo systemctl restart apache2`

#### Question 12

- **What is the command used to test Apache configuration?** The command used to test the Apache configuration is `apachectl configtest`

#### Question 13

- **What is the command used to check the installed version of Apache?** `sudo apache2 -v`

#### Question 14

- **What are the most common commands to troubleshoot Apache errors? Provide a brief description of each command.**
  - `sudo apachectl -t`: Use the following command to test the Apache configuration for any syntax or system errors
  - `sudo systemctl restart apache2`: Use one of the following commands to perform a restart

#### Question 15

- **Which are Apache Log Files, and what are they used for? Provide examples and screenshots.**  
Apache Log Files are files that contain information about the activity and performance of an Apache

web server, as well as any problems that may be occurring 1



## This is a Sample Document

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