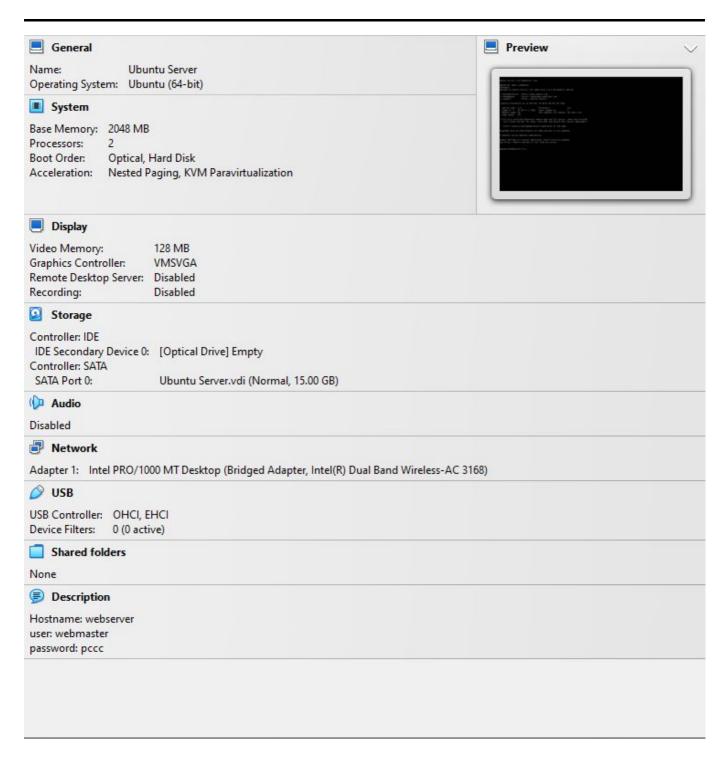
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# Deliverable 2 Submission

### Server Specifications



## Ubuntu Login Screen

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```
Jbuntu 24.04.1 LTS webserver tty1
webserver login: webmaster
Password:
Helcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-50-generic x86_64)
* Documentation: https://help.ubuntu.com
* Management:
                    https://landscape.canonical.com
                    https://ubuntu.com/pro
* Support:
System information as of Mon Dec 16 08:21:35 PM UTC 2024
 System load: 0.0
                                    Processes:
                                                                110
 Usage of /: 45.0% of 9.75GB
                                    Users logged in:
 Memory usage: 9%
                                    IPv4 address for enp0s3: 192.168.1.161
 Swap usage:
* 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.
 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
webmaster@webserver:~$ _
```

#### Sample Page



### This is a sample document!

### Questions

- 1. What is the IP address of your Ubuntu Server Virtual Machine? 192.168.1.161
- 2. How do you enable the Ubuntu Firewall? sudo ufw enable

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- 3. How do you check if the Ubuntu Firewall is running? sudo ufw status
- 4. How do you disable the Ubuntu Firewall? sudo ufw disable
- 5. How do you add Apache to the Firewall? sudo ufw allow 'Apache'
- 6. What is the command you used to install Apache? sudo apt install apache2 -y
- 7. What is the command you use to check if Apache is running? systematl status apache2 --no-pager
- 8. What is the command you use to stop Apache? sudo systematl stop apache2 ssh
- 9. What is the command you use to restart Apache? sudo systematl restart apache2 ssh
- 10. What is the command used to test Apache configuration? sudo apache2ctl configtest
- 11. What is the command used to check the installed version of Apache? systemctl status apache2 --no-pager
- 12. What are the most common commands to troubleshoot Apache errors? Provide a brief description of each command. systemctl status apache2 --no-pager
  - To check the status of Apache sudo apache2ctl configtest
  - Test the configuration for errors sudo systemctl restart apache2 ssh To restart the services if not active
- 13. Which are Apache Log Files, and what are they used for? Provide examples and screenshots. Used to create a log file and add text sudo nano /etc/apache2/sites-available/mywebsite.conf Example: <VirtualHost \*:80> ServerAdmin webmaster@localhost ServerName mywebsite ServerAlias www.mywebsite DocumentRoot /var/www/mywebsite ErrorLog {APACHE\_LOG\_DIR}/error.log CustomLog \${APACHE\_LOG\_DIR}/access.log combined