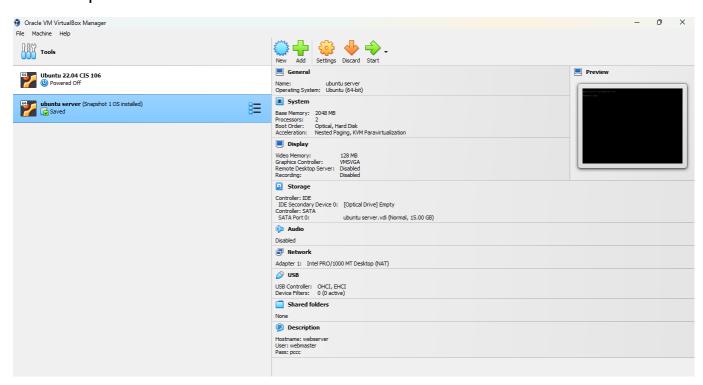
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Deliverable 2 Submission

Server Specifications

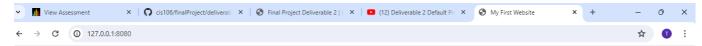


Ubuntu Login Screen

```
login: webmaster
°assword∶
lelcome to Ubuntu 22.04.4 LTS (GNU/Linux 5.15.0–102–generic x86_64)
* Documentation: https://help.ubuntu.com
                  https://landscape.canonical.com
* Management:
* Support:
                  https://ubuntu.com/pro
 System information as of Tue Apr 16 01:22:19 PM UTC 2024
 System load: 0.24658203125
                                 Processes:
                                                           118
               50.5% of 9.75GB
                                 Users logged in:
 Usage of /:
 Memory usage: 14%
                                 IPv4 address for enp0s3: 10.0.2.15
 Swap usage:
               0%
xpanded Security Maintenance for Applications is not enabled.
 updates can be applied immediately.
nable ESM Apps to receive additional future security updates.
Gee https://ubuntu.com/esm or run: sudo pro status
ast login: Tue Apr 16 12:58:16 UTC 2024 from 10.0.2.2 on pts/0.
Jebmaster@webserver:~$
                                                                    🙆 💿 🗗 🥟 i 😐 🖺 🚰 🚫 🚫 💽 Right Ctrl
```

Sample Website

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This is a sample document!



Questions

- 3. What is the IP address of your Ubuntu Server Virtual Machine? 127.0.0.1:8080
- 4. How do you enable the Ubuntu Firewall? sudo ufw enable
- 5. How do you check if the Ubuntu Firewall is running? sudo ufw status
- 6. How do you disable the Ubuntu Firewall? sudo ufw disable
- 7. How do you add Apache to the Firewall? sudo ufw allow 'Apache'
- 8. What is the command you used to install Apache? sudo apt install apache2 -y
- 9. What is the command you use to check if Apache is running? systematl status apache2 --no-pager
- 10. What is the command you use to stop Apache? sudo systematl stop apache2
- 11. What is the command you use to restart Apache? sudo systemctl start apache2
- 12. What is the command used to test Apache configuration? sudo apache2ctl configtest
- 13. What is the command used to check the installed version of Apache? apache2 -v
- 14. What are the most common commands to troubleshoot Apache errors? Provide a brief description of each command.
- apachectl configtest: This command checks the Apache configuration and files for syntax errors.
- apachectl -t: this command also checks the Apache configuration for syntax errors. It's used to test the configuration before actually restarting Apache.
- tail /var/log/apache2/error.log: This command displays the last few lines of the Apache error log file.
- 15. Which are Apache Log Files, and what are they used for? Provide examples and screenshots.
- Access Log:/var/log/apache2/access.log
- Error Log:/var/log/apache2/error.log
- SSL Access Log:/var/log/apache2/ssl_access.log
- SSL Error Log:/var/log/apache2/ssl_error.log