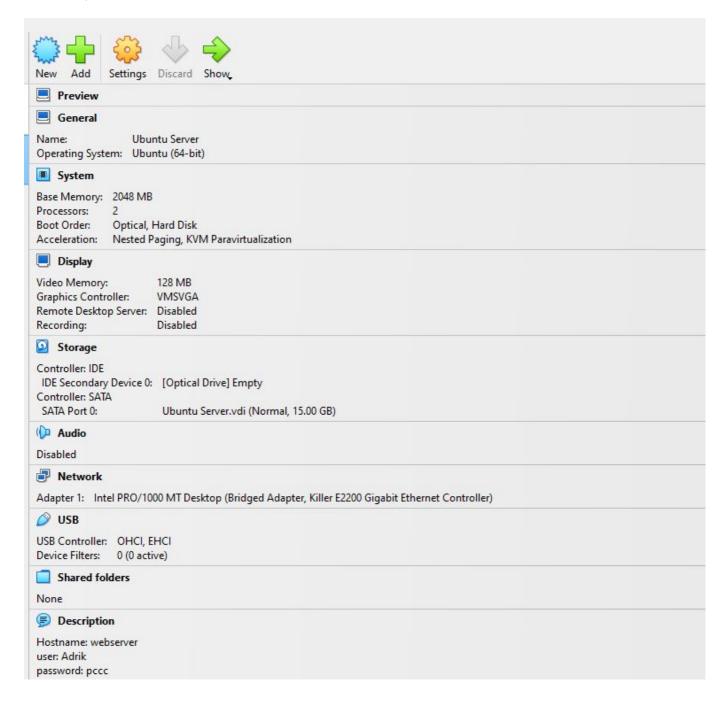
Name	Adrik Ojeda
Course	cis106
Semester	spring25

Deliverable 2

Server Specifications



Ubuntu Login Screen

```
Webserver login: adrib.

Webserver login: adrib.

Welcome to Ubuntu 24.04.2 LTS (ONU/Linux 6.8.0-59-generic x86_64)

**Bocumentation: https://helo.ubuntu.com

**Management: https://helo.ubuntu.com

**Management: https://landscape.camonical.com

**Support: https://landscape.camonical.co
```

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

• 192.168.1.119

How do you enable the Ubuntu Firewall?

- sudo ufw enable
 - ufw, or "Uncomplicated Firewall", is a command-line tool for managing firewall rules.
 - sudo ufw status
 - sudo ufw disable
 - sudo ufw enable

How do you check if the Ubuntu Firewall is running?

• sudo ufw status

How do you disable the Ubuntu Firewall?

• sudo ufw disable

How do you add Apache to the Firewall?

• sudo ufw allow 'Apache

What is the command you used to install Apache?

• sudo apt install apache2 -y

What is the command you use to check if Apache is running?

- systemctl status apache2 --no-pager
 - asystemctl is a command-line tool that allows for the management and monitoring of the systemd system and service manager
 - systemctl reboot
 - systemctl poweroff
 - systemctl get-default

What is the command you use to stop Apache?

• sudo apachectl stop

What is the command you use to restart Apache?

• sudo systemctl restart apache2

What is the command used to test Apache configuration?

• sudo apache2ctl configtest

What is the command used to check the installed version of Apache?

• apache2 -v

Definitions and Examples

- systemctl is a command-line tool that allows for the management and monitoring of the systemd system and service manager
 - systemctl reboot
 - systemctl poweroff
 - systemctl get-default
- ufw, or "Uncomplicated Firewall", is a command-line tool for managing firewall rules.
 - sudo ufw status
 - sudo ufw disable
 - sudo ufw enable

What are the most common commands to troubleshoot Apache errors? Provide a brief description of each command.

- systemctl
 - Used to control and interact with Linux services via the systemd service manager.
- journalctl
 - Used to query and view the logs that are generated by systemd
- apachectl
 - When troubleshooting, this command is used to check Apache's configuration.

Which are the common Apache Log Files, and what are they used for?:

• The access log and the error log

- sudo tail -f /var/log/apache2/access.log
- sudo head /var/log/apache2/access.log