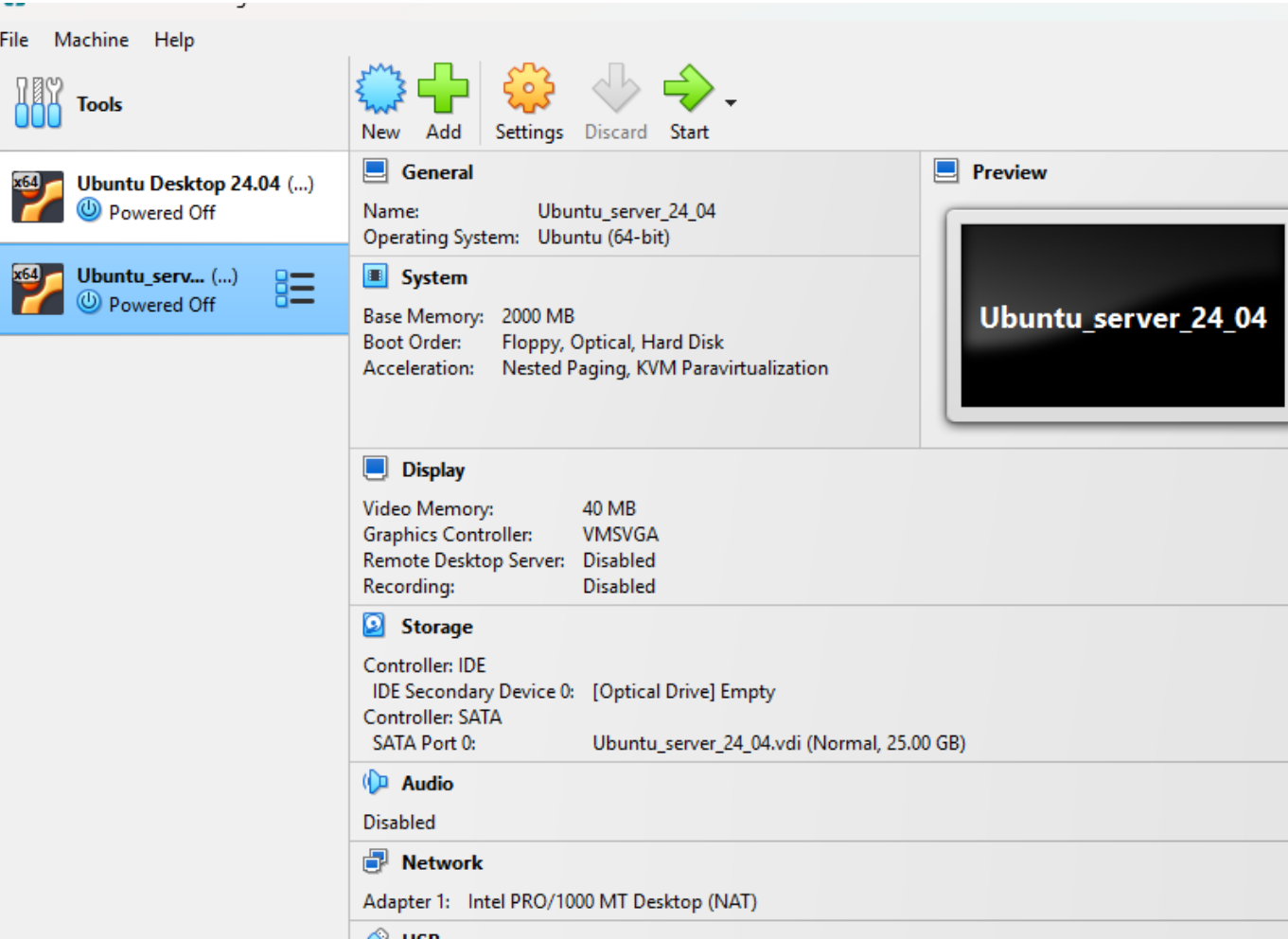


Deliverable 2 Submission

Server Specifications



Ubuntu Login Screen

```
Ubuntu_Server_24_04 (Snapshot 1 server installed) [running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Ubuntu 24.04.1 LTS webserver tty1

webserver login: webmaster
Password:
Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-51-generic x86_64)

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

System information as of Tue Dec 17 03:02:43 AM UTC 2024

System load:          0.41
Usage of /:            39.0% of 11.21GB
Memory usage:         8%
Swap usage:           0%
Processes:            104
Users logged in:      0
IPv4 address for enp0s3: 10.0.2.15
IPv6 address for enp0s3: fd00::a00:27ff:fe51:cc89

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

webmaster@webserver:~$ _
```

Questions

3. **What is the IP address of your Ubuntu Server Virtual Machine?** 192.168.1.170/24
4. **How do you enable the Ubuntu Firewall?**
 - You use the command `sudo ufw enable`
5. **How do you check if the Ubuntu Firewall is running?**
 - use the command `sudo ufw status`
6. **How do you disable the Ubuntu Firewall?**
 - use the command `sudo ufw disable`
7. **How do you add Apache to the Firewall?**
 - you use the command `sudo ufw allow 'Apache'`
8. **What is the command you used to install Apache?**
 - `sudo apt update ,sudo apt install apache2`
9. **What is the command you use to check if Apache is running?**
 - `sudo systemctl status apache2`
10. **What is the command you use to stop Apache?**

- `sudo systemctl stop apache2`

11. What is the command you use to restart Apache?

- `sudo systemctl restart 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?

- `sudo systemctl status apache2`

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

- This checks if the server is running and it shows you the details of your Apache system
 - `sudo systemctl status apache2`
- This tests the configuration of the system
 - `sudo apache2ctl configtest`
- This restarts the system (it can also resolve some issues)
 - `sudo systemctl restart apache2`