





Deliverable 2 Submission


What are the server hardware specifications?


New

Add


Settings

Discard


Start

General


Name: Ubuntu Server
Operating System: Ubuntu (64-bit)
Groups: New group

System


Base Memory: 2024 MB
Processors: 2
Boot Order: Optical, Hard Disk
Acceleration: Nested Paging, KVM Paravirtualization

Display


Video Memory: 128 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled

Storage


Controller: IDE
IDE Primary Device 0: [Optical Drive] Empty
Controller: SATA
SATA Port 0: Ubuntu Server2_.vdi (Normal, 15.00 GB)

Audio


Disabled

Network


Adapter 1: Intel PRO/1000 MT Desktop (Bridged Adapter, Broadcom 802.11ac Network Adapter)

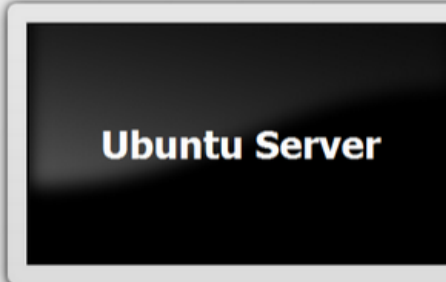
USB

USB Controller: OHCI, EHCI
Device Filters: 0 (0 active)

Shared folders

None

Preview



What is Ubuntu server log in screen?

```
Ubuntu 24.10 webserver tty1
webserver login: webmaster
Password:
Welcome to Ubuntu 24.10 (GNU/Linux 6.11.0-13-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 11:04:03 PM UTC 2024

System load:          0.11
Usage of /:           46.4% of 9.75GB
Memory usage:        12%
Swap usage:          0%
Processes:           126
Users logged in:      0
IPv4 address for enp0s3: 192.168.1.227
IPv6 address for enp0s3: 2607:fb91:1c5a:4872:a00:27ff:fe1d:6b72
IPv6 address for enp0s3: fd0d:793:3770:0:a00:27ff:fe1d:6b72

0 updates can be applied immediately.

webmaster@webserver:~$
```

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

192.168.1.227

How do you enable the Ubuntu Firewall?

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

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

sudo systemctl status apache2 --no-pager

What is the command you use to stop Apache?

sudo systemctl stop apache2

What is the command you use to restart Apache?

```
sudo systemctl restart apache2
```

What is the command used to test Apache configuration?

```
sudo apachectl configtest
```

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

```
sudo apache2 -v
```

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 Apache Log Files, and what are they used for? Provide examples and screenshots.

Apache Log Files - helpful resources for troubleshooting, any error that you receive in a browser or other HTTP client will have a corresponding entry in Apache's logs. Sometimes Apache will also output errors related to configuration, built-in modules, and other debugging information to its log files.