Deliverable #2 Questions

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

10.0.2.15

2. How do you enable the Ubuntu Firewall?

1. Open the terminal: you can do this by pressing CTRL + ALT + T or search terminal in the applications menu.

2. Check the Current Status: Before enabling the firewall, it's a good idea to check its current status Run the following command: sudo ufw status.

3. Enable the Firewall: To enable UFW, use the following command:sudo ufw enable

4. Allow or Deny Services: By default, UFW is set to deny all incoming connections and allow all outgoing connections You can allow specific services by running commands like: sudo ufw allow ssh

3. How do you check if the Ubuntu Firewall is running?

```
1. Check the Firewall Status: Enter the following command in the terminal
sudo ufw status

2. Read the Output: The terminal will display the status of UFW. If the
firewall is active, you will see something like this:
Status: Active Status: Inactive
```

4. How do you disable the Ubuntu Firewall?

```
1. Disable the Firewall: Use the following command: sudo ufw disable
```

5. How do you add Apache to the Firewall?

```
1. Check if Apache is Installed: Ensure that Apache is installed on your
system by running:
sudo apt-get install apache2

2.  Add Apache to UFW: Use the following command to allow HTTP (port 80)
and HTTPS (port 443) traffic:
sudo ufw allow 'Apache'

3.  Enable UFW: If it's not already enabled, you can enable the firewall
with:
sudo ufw enable
```

```
    4. Check the Status: Verify that the rules have been added and the
firewall is active by running:
    sudo ufw status
```

6. What is the command you used to install Apache?

```
    sudo apt-get update
    sudo apt-get install apache2
```

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

```
    sudo systemctl status apache2
```

8. What is the command you use to stop Apache?

```
    sudo systemctl stop apache2
```

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

```
    sudo systemctl restart apache2
```

10. What is the command used to test Apache configuration?

```
    sudo apache configtest
```

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

```
    apache2 -v
```