

**Week 4 Task 4.3D**

## 1. Question

1: You will need to find a vulnerability in Metasploitable 2 that allows backdoor access (i.e., full shell access) and exploit them through Metasploit running on Kali VM.

[https://www.youtube.com/watch?v=-ExYerSvano&ab\\_channel=KenishaCorera](https://www.youtube.com/watch?v=-ExYerSvano&ab_channel=KenishaCorera)

<https://youtu.be/-ExYerSvano>

## 2. Question

How difficult did you find the task? What resources you used to get the task done?

- Completing this Distinction job was enjoyable and enlightening, and it wasn't too challenging. Even though the method was to test it on a deliberately constructed weak Linux virtual machine called Metasploitable 2, it provided life and perspective to the role of a penetration tester. Utilized for vulnerability testing.
- I utilized the backdoor exploit VSFTPD 2.3.4. and provided the IP address of metasploitable 2 after getting access to metasploit. I was able to generate a file in the root file system of Metasploitable 2, proving that the attack was successful. All things considered, this work was highly captivating and simple to finish, and it provided new avenues for investigation into the topic of cyber security.