

MODULE 1-4

1. Install VirtualBox or VMware. Set up a virtual machine with any Linux distribution (preferably Kali Linux).

- **Screenshot Submission:** Screenshot of VirtualBox/VMware with the virtual machine running.

2. Install Kali Linux in your virtual machine and update it.

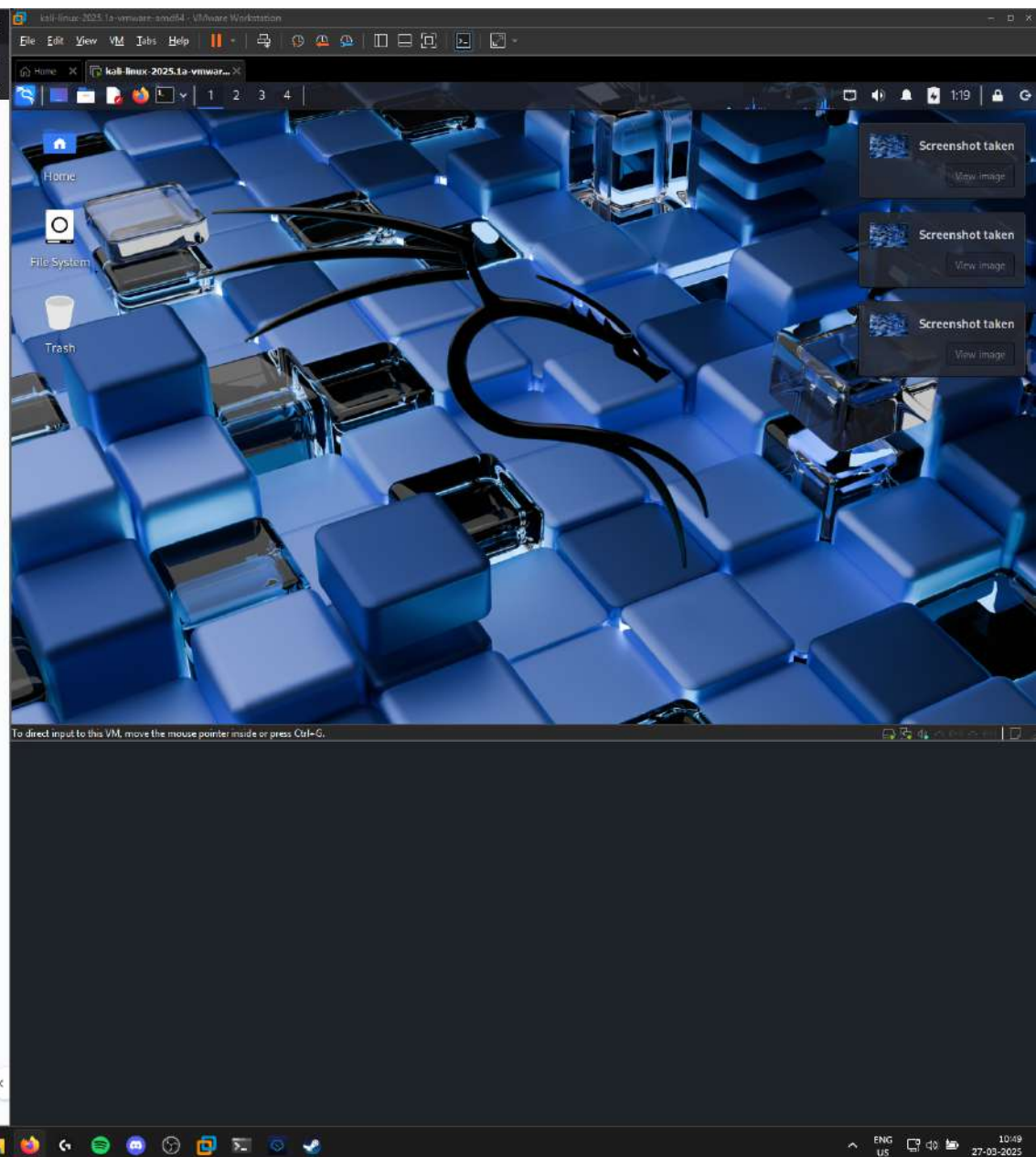
- **Screenshot Submission:** Screenshot of the terminal showing the completion of the update.

3. Explore the applications menu in Kali Linux. List 5 tools and their purpose.

- **Screenshot Submission:** Screenshot of the applications menu.

4. Execute the following Linux commands:

- Find command
- Ping command
- Traceroute command
- Whoami command
- Ps command
- **Screenshot Submission:** Screenshot of terminal output for each command.



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https://upskill.tutedude.com/assignments/student/ethicalhacking

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TuteDude Samahith M

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No.	Task	Status	Actions
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5	Assignment - Module 6	Pending Submission	View Task Submit Task
6	Assignment - Module 15	Pending Submission	View Task Submit Task
7	Assignment - Module 16	Pending Submission	View Task Submit Task

kali-linux: 2025.1a-vmware-ova - VMware Workstation

File Edit View VM Tabs Help

Home x kali-linux: 2025.1a-vmware-ova x

1 2 3 4

Home
File System
Trash

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

ENG US 10:19 27-09-2025

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kali@kali:~

```
kali@kali:~$ sudo apt update
Hit:1 http://http.kali.org/kali kali-rolling InRelease
Hit:2 https://deb.l2p.net trixie InRelease
1 package can be upgraded. Run 'apt list --upgradable' to see it.

kali@kali:~$ sudo apt upgrade
The following packages were automatically installed and are no longer required:
libflac12t64 libpython3.12-minimal python3-setproctitle
libgeos3.13.0 libpython3.12-stdlib ruby-zentao
libglapi-mesa libpython3.12t64 strongswan
Use 'sudo apt autoremove' to remove them.

Not upgrading:
strongswan

Summary:
Upgrading: 0, Installing: 0, Removing: 0, Not upgrading: 1

kali@kali:~$
```

To direct input to this VMA, move the mouse pointer inside or press Ctrl+G.

https://docs.google.com/document/d/19WL6NRd3DpCh1T7Usvwg1Keg588LIRF2GkKp_8ao/edit?pli=1&tab=

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File Edit View Tools Help

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kali linux 2025.1a-vmware

1 2 3 4

Search

Favorites

Recently Used

All Applications

Settings

Usual Applications

01 - Information Gathering

02 - Vulnerability Analysis

03 - Web Application Analysis

04 - Database Assessment

05 - Password Attacks

06 - Wireless Attacks

07 - Reverse Engineering

08 - Exploitation Tools

09 - Sniffing & Spoofing

10 - Post Exploitation

11 - Forensics

12 - Reporting Tools

13 - Social Engineering Tools

14 - System Services

• Offline Attacks

• Online Attacks

• Passing the Hash Tools

• Password Profiling & Wordlists

cewl

crunch

hashcat

hydra

john

medusa

ncrack

ophcrack

wordlists

*Untitled 1 - Mousepad

File Edit Search View Document Help

```
1 eth tools :
2
3 recon:
4 nmap
5 sql map
6
7 password crack:
8 john the ripper
9 hashcat
10
11 wifi auth:
12 wifite
13 aircrack - suite
```

To direct input to this VM, move the mouse pointer inside or press Ctrl-G.

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```
kali@kali:~/Documents
```

```
File Actions Edit View Help
```

```
(kali@kali)-[~/Documents]
└─$ find .me.txt
me.txt
```

```
(kali@kali)-[~/Documents]
└─$ ping 1.1.1.1
PING 1.1.1.1 (1.1.1.1) 56(84) bytes of data:
64 bytes from 1.1.1.1: icmp_seq=1 ttl=54 time=52.6 ms
64 bytes from 1.1.1.1: icmp_seq=2 ttl=54 time=30.4 ms
64 bytes from 1.1.1.1: icmp_seq=3 ttl=54 time=36.8 ms
— 1.1.1.1 ping statistics —
2 packets transmitted, 3 received, 0% packet loss, time 2046ms
rtt min/avg/max/mdev = 30.394/39.937/52.611/9.336 ms
```

```
(kali@kali)-[~/Documents]
└─$ traceroute 1.1.1.1
traceroute to 1.1.1.1 (1.1.1.1), 30 hops max, 60 byte packets
 1 192.168.127.115 (192.168.127.115)  0.742 ms  0.635 ms  0.588 ms
 2 255.0.0.0 (255.0.0.0)  14.840 ms  14.732 ms  14.690 ms
 3 255.0.0.2 (255.0.0.2)  20.671 ms  19.262 ms  20.534 ms
 4 255.0.0.3 (255.0.0.3)  20.217 ms  20.410 ms  20.325 ms
 5 192.168.227.99 (192.168.227.99)  20.190 ms  192.168.227.98 (192.168.227.98)  19.938 ms  18.897 ms
 6 192.168.179.212 (192.168.179.212)  19.418 ms  192.168.179.214 (192.168.179.214)  18.036 ms  192.168.179.212 (192.168.179.212)  13.820 ms [[B]][[B]][[B]][[B]][[B]][[B]][[B]]
[B^C
```

```
(kali@kali)-[~/Documents]
└─$ whoami
kali
```

```
(kali@kali)-[~/Documents]
└─$ ps -o
PID TTY          TIME CMD
10365 pts/0      00:00:00 ps
```

```
(kali@kali)-[~/Documents]
└─$ ps
```