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# CYBER SECURITY AND ETHICAL HACKING ASSESSMENT 1

cd

```
___(kali⊛ kali) - [~]

$ cd Desktop
```

pwd

```
__(kali⊕ kali)-[~]

$ pwd

/home/kali
```

mkdir

```
(kali@ kali) - [~/Desktop]

s mkdir assessment_1
```

touch

```
(kali@ kali) - [~/Desktop/assessment_1]

$ touch new.txt

(kali@ kali) - [~/Desktop/assessment_1]

$ ls
new.txt smartbridge.txt
```

ср

```
(kali@ kali) - [~/Desktop]
s ls
assessment_1 hydral.txt hydra.txt new password.txt

(kali@ kali) - [~/Desktop]
s ls new

(kali@ kali) - [~/Desktop]
s cp hydral.txt hydra.txt new

(kali@ kali) - [~/Desktop]
s ls new
hydral.txt hydra.txt
```

mν

find

```
___(kali⊕ kali)-[~]
$ find ./ -name index.html
./index.html
```

#### cat

(kali@ kali)-[-/Desktop]

cat name

Loren Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unking mension book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s of domore recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum

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#### less



# head

```
(kali@ kali)-[~/Desktop]
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```

### tail

```
(kali@kali)-[~/Desktop]

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```

#### nano

```
(kali@ kali)-[~/Desktop]
square nano smartbridge.txt
```

### ps

```
(kali@ kali)-[~]

ps
PID TTY TIME CMD

1187 pts/0 00:00:00 zsh
1540 pts/0 00:00:00 ps
```

# top

```
The Stricts of the Asian Laurer, load servered $1.50, 0.70, 0.40 at 1. Trunning 15 th eleganty of tropped, $2 could be active to the Asian Stricts of the As
```

bg

fg

```
(kali@ kali)-[~]
$ fg %1
[1] + running sleep 500
```

uname

```
[ (kali⊕ kali)-[~]

$\text{uname}$
Linux
```

```
-(kali⊕kali)-[~]
_$ df
Filesystem
               1K-blocks
                             Used Available Use% Mounted on
udev
                                0
                                     972456
                                              0% /dev
                  972456
                  202952
                              932
                                     202020
                                              1% /run
tmpfs
                                   66827456 14% /
/dev/sda1
                81000912 10012844
                            23992
                                              3% /dev/shm
tmpfs
                 1014760
                                     990768
tmpfs
                                              0% /run/lock
                    5120
                               0
                                       5120
                                     202888
                                              1% /run/user/1000
tmpfs
                  202952
                               64
```

# free

```
-(kali®kali)-[~]
_s free
                                                  shared buff/cache
                                                                        available
                            used
                                        free
               total
             2029520
                          801564
                                      591916
                                                   41172
                                                               636040
                                                                          1034744
Mem:
Swap:
              998396
                              0
                                      998396
```

# uptime

# who

```
(kali⊕ kali)-[~]

$\frac{1}{9} \text{ who} \text{ kali } \text{ tty7} \text{ 2023-05-21 03:43 (:0)}
```

W

```
      (kali® kali)-[~]

      $ W

      04:11:15 up 28 min, 1 user, load average: 0.21, 0.21, 0.18

      USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT

      kali tty7 :0
      03:43 28:12 6.67s 0.15s xfce4-session
```

# ifconfig

```
_$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
        inet6 fe80::a00:27ff:fe50:4c14 prefixlen 64 scopeid 0×20<link>
        ether 08:00:27:50:4c:14 txqueuelen 1000 (Ethernet)
RX packets 12540 bytes 16556241 (15.7 MiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 7419 bytes 522246 (510.0 KiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
        inet 127.0.0.1 netmask 255.0.0.0
        inet6 ::1 prefixlen 128 scopeid 0×10<host>
        loop txqueuelen 1000 (Local Loopback)
        RX packets 8 bytes 400 (400.0 B)
        RX errors 0 dropped 0 overruns 0
        TX packets 8 bytes 400 (400.0 B)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

# ping

```
(kali® kali)-[~]

ping 10.0.2.15

PING 10.0.2.15 (10.0.2.15) 56(84) bytes of data.

64 bytes from 10.0.2.15: icmp_seq=1 ttl=64 time=0.014 ms

64 bytes from 10.0.2.15: icmp_seq=2 ttl=64 time=0.024 ms

64 bytes from 10.0.2.15: icmp_seq=3 ttl=64 time=0.086 ms

64 bytes from 10.0.2.15: icmp_seq=4 ttl=64 time=0.024 ms

64 bytes from 10.0.2.15: icmp_seq=5 ttl=64 time=0.025 ms

64 bytes from 10.0.2.15: icmp_seq=6 ttl=64 time=0.023 ms

64 bytes from 10.0.2.15: icmp_seq=7 ttl=64 time=0.024 ms

64 bytes from 10.0.2.15: icmp_seq=8 ttl=64 time=0.024 ms

64 bytes from 10.0.2.15: icmp_seq=8 ttl=64 time=0.026 ms

64 bytes from 10.0.2.15: icmp_seq=10 ttl=64 time=0.060 ms

64 bytes from 10.0.2.15: icmp_seq=11 ttl=64 time=0.060 ms

64 bytes from 10.0.2.15: icmp_seq=11 ttl=64 time=0.062 ms

^C

---- 10.0.2.15 ping statistics ---

11 packets transmitted, 11 received, 0% packet loss, time 10278ms

rtt min/avg/max/mdev = 0.014/0.035/0.086/0.021 ms
```

# wget

#### sudo

```
(kali@ kali)-[~]
$ sudo apt update
[sudo] password for kali:
Hit:1 http://kali.download/kali kali-last-snapshot InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
1902 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

# apt-get

```
(kali® kali)=[~]

$ sudo apt-get upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following packages were automatically installed and are no longer required:
    dctrl-tools dh-dkms dleyna-server gir1.2-javascriptcoregtk-4.0 gir1.2-soup-2.4 gir1.2-webkit2-4.0
    libdleyna-connector-dbus-1.0-1 libdleyna-core-1.0-5 libhttp-server-simple-perl libnginx-mod-http-geoip
    libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
    libnginx-mod-stream-geoip libsoup-gnome2.4-1 libwacom-bin libwebkit2gtk-4.0-37 nginx-common nginx-core
    python3-dataclasses-json python3-limiter python3-marshmallow-enum python3-mypy-extensions
    python3-responses python3-spyse python3-token-bucket python3-typing-inspect sphinx-rtd-theme-common
Use 'sudo apt autoremove' to remove them.
```

# systemclt

```
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
# m h dom mon dow command
```

useradd

```
___(kali⊕ kali)-[~]

$\sudo useradd newuser
[sudo] password for kali:
```

# passwd

```
(kali@kali)-[~]

$ sudo passwd newuser

New password:

Retype new password:

passwd: password updated successfully
```