

Formando Triunfadores

## Alumna:

Bolaños Arias America del Pilar

Materia:

Sistemas operativos

**Grupo:** 

27BV

1. Asumir el prompt de superusuario

```
__(america⊗ kali)-[~]
$\frac{\sudo}{\sudo} -i
[sudo] password for america:
__(root⊗ kali)-[~]
_#
```

2. Cambiar el password del superusuario

```
(root@kali)-[~]
# sudo passwd root
New password:
Retype new password:
passwd: password updated successfully
```

3. Listar el directorio raíz

4. Cambiarse al directorio raíz

5. Verificar el directorio actual

```
root⊗kali)-[/]
/# pwd
/
```

6. Crear un directorio "prueba" en /home

```
(root@kali)-[/]
# mkdir /home/prueba

(root@kali)-[/]
# ls /home
america prueba
```

7. Crear un archivo "test" en directorio /home/prueba

```
(root@ kali)-[/]
# touch /home/prueba/test

(root@ kali)-[/]
# ls /home/prueba
test
```

8. Verificar el usuario actual

```
root⊗ kali)-[/]
# whoami
root
```

9. Mostrar el contenido del archivo /root/.bash history

```
(root@kali)-[/]
  cat /root/.bash_history
cat: /root/.bash_history: No such file or directory
```

10. Copiar el archivo "test" a /root

```
(root@kali)-[/]
g cp /home/prueba/test /root/
```

11. Eliminar el archivo "test" de /home/prueba

```
(root@kali)-[/]
rm /home/prueba/test
```

12. Mover /root/test a la raíz

```
(root@kali)-[/]
# mv /root/test /
```

13. Hacer un ping a www.google.com

```
PING www.google.com
PING www.google.com (142.250.217.164) 56(84) bytes of data.
64 bytes from mia07s60-in-f4.1e100.net (142.250.217.164): icmp_seq=1 ttl=116 time=35.6 ms
64 bytes from mia07s60-in-f4.1e100.net (142.250.217.164): icmp_seq=2 ttl=116 time=37.4 ms
64 bytes from mia07s60-in-f4.1e100.net (142.250.217.164): icmp_seq=3 ttl=116 time=33.3 ms
64 bytes from mia07s60-in-f4.1e100.net (142.250.217.164): icmp_seq=4 ttl=116 time=38.1 ms
^c
--- www.google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3008ms
rtt min/avg/max/mdev = 33.296/36.089/38.076/1.845 ms
```

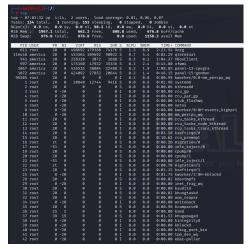
14. Mostrar la configuración de red del servidor

```
(root & kali) - [/]
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:fe56:4c:22 prefixlen 64 scopeid 0×20<link>
    ether 08:00:27:56:4c:22 txqueuelen 1000 (Ethernet)
    RX packets 1039 bytes 116223 (113.4 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1092 bytes 100608 (98.2 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 4 bytes 240 (240.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4 bytes 240 (240.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

15. Usar el comando netstat

16. Usar el comando top



17. Usar el comando traceroute

18. Usar el comando nslookup

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

# nslookup www.google.com
Server: 192.168.1.254
Address: 192.168.1.254#53

Non-authoritative answer:
Name: www.google.com
Address: 192.178.50.68
Name: www.google.com
Address: 2607:f8b0:4008:806::2004
```