UNIVERSIDAD POLITÉCNICA DE QUINTANA ROO

Actividad: Tarea #988

SISTEMAS OPERATIVOS

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7° CUATRIMESTRE. GRUPO:27BV.

DOCENTE: ISMAEL JIMÉNEZ SÁNCHEZ

1. Asumir el prompt de superusuario

```
┌──(ari㉿kali2023)-[~]
└─$ sudo mkdir example
[sudo] password for ari:
```

2. Cambiar el password de superusuario

```
┌──(ari㉿kali2023)-[~]
└─$ passwd
Changing password for ari.
Current password:
New password:
Retype new password:
You must choose a longer password.
New password:
Retype new password:
You must choose a longer password.
New password:
Retype new password:
passwd: password updated successfully
```

3. Listar el directorio raíz

```
┌──(ari㉿kali2023)-[~]
└─$ ls /
bin   home            lib32       media  root  sys  vmlinuz
boot  initrd.img      lib64       mnt    run   tmp  vmlinuz.old
dev   initrd.img.old  libx32      opt    sbin  usr
etc   lib             lost+found  proc   srv   var
```

4. Cambiarse al directorio raíz

```
┌──(ari㉿kali2023)-[~]
└─$ cd /
```

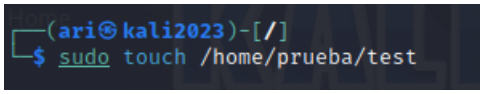
5. Verificar el directorio actual

```
┌──(ari㉿kali2023)-[/]
└─$ pwd
/
```

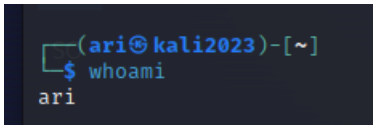
6. Crear un directorio “prueba” en /home

```
┌──(ari㉿kali2023)-[/]
└─$ sudo mkdir /home/prueba
```

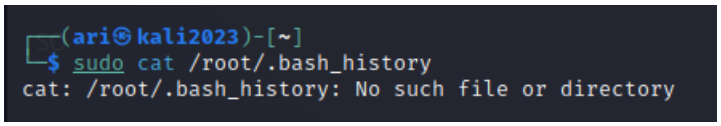
7. Crear un archivo “test” en directorio /home/prueba



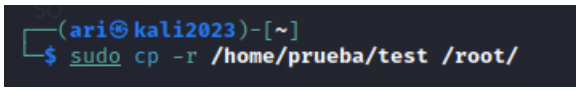
8. Verificar el usuario actual



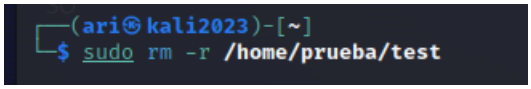
9. Mostra el contenido del archivo /root/.bash_history



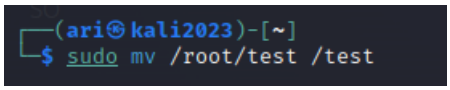
10. Copiar el archivo “test” a /root



11. Eliminar el archivo “test” de /home/prueba



12. Mover /root/test a la raíz



13. Hacer un ping a www.google.com

```
┌──(ari㉿kali2023)-[~]
└─$ ping www.google.com
PING www.google.com (142.250.189.132) 56(84) bytes of data.
64 bytes from mia09s26-in-f4.1e100.net (142.250.189.132): icmp_seq=1 ttl=116
time=24.0 ms
64 bytes from mia09s26-in-f4.1e100.net (142.250.189.132): icmp_seq=2 ttl=116
time=22.6 ms
64 bytes from mia09s26-in-f4.1e100.net (142.250.189.132): icmp_seq=3 ttl=116
time=22.7 ms
64 bytes from mia09s26-in-f4.1e100.net (142.250.189.132): icmp_seq=4 ttl=116
time=22.2 ms
64 bytes from mia09s26-in-f4.1e100.net (142.250.189.132): icmp_seq=5 ttl=116
time=22.3 ms
^C
── www.google.com ping statistics ──
5 packets transmitted, 5 received, 0% packet loss, time 4008ms
rtt min/avg/max/mdev = 22.152/22.764/24.017/0.658 ms
```

14. Mostrar la configuración de red del servidor

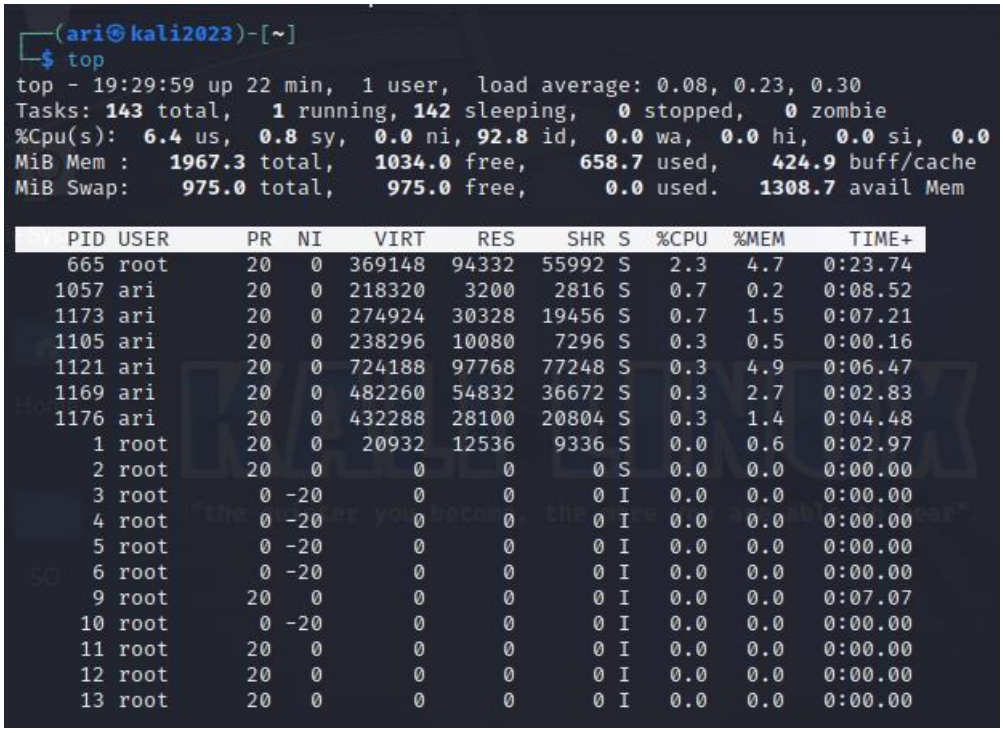
```
┌──(ari㉿kali2023)-[~]
└─$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.0.2.15  netmask 255.255.255.0  broadcast 10.0.2.255
        inet6 fe80::a00:27ff:fefe:e953  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:fe:e9:53  txqueuelen 1000  (Ethernet)
        RX packets 14  bytes 2106 (2.0 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 40  bytes 4484 (4.3 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 0x10<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
```

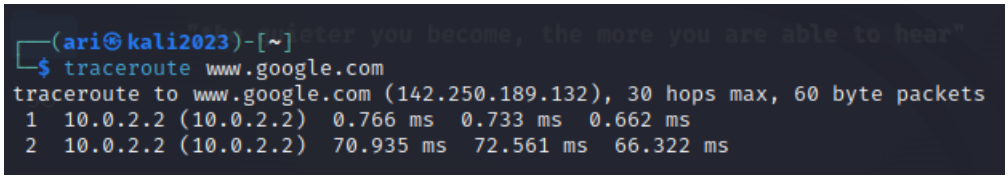
15. Usar el comando netstat

```
┌──(ari㉿kali2023)-[~]
└─$ netstat -tuln
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
```

16. Usar el comando top



17. Usar el comando traceroute



18. Usar el comando nslookup