

1.- Asumir el prompt de superusuario

```
[user@parrot]~  
$sudo prompt  
sudo: prompt: command not found  
[x]-[user@parrot]~
```

2.-Cambiar el password del superusuario

```
[x]-[user@parrot]~  
$passwd  
Changing password for user.  
Current password:  
passwd: Authentication token manipulation error  
passwd: password unchanged  
[x]-[user@parrot]~  
$sudo passwd  
New password:  
Retype new password:  
passwd: password updated successfully  
[user@parrot]~  
$
```

3.-Listar el directorio raíz

```
[user@parrot]~  
$ls -l  
total 0  
drwxr-xr-x 3 user user 100 Dec 7 02:11 Desktop  
drwxr-xr-x 2 user user 40 Dec 7 02:02 Documents  
drwxr-xr-x 2 user user 40 Dec 7 02:02 Downloads  
drwxr-xr-x 2 user user 40 Dec 7 02:02 Music  
drwxr-xr-x 2 user user 40 Dec 7 02:02 Pictures  
drwxr-xr-x 2 user user 40 Dec 7 02:02 Public  
drwxr-xr-x 5 user user 100 Dec 7 02:01 Templates  
drwxr-xr-x 2 user user 40 Dec 7 02:02 Videos  
[user@parrot]~
```

4.-Cambiar al directorio actual

```
[x]-[user@parrot]~  
$cd /  
[user@parrot]/  
$pwd  
/  
[user@parrot]/  
$
```

5.-Verificar el directorio actual

```
[user@parrot]-[/]  
$ls -l  
bin  
boot  
dev  
etc  
etc.license  
home  
initrd.img  
initrd.img.old  
lib  
lib32  
lib64  
libx32  
media  
mnt  
opt  
proc  
root  
run  
sbin  
srv  
sys  
tmp  
usr  
var  
vmlinuz  
vmlinuz.old  
[user@parrot]-[/]  
$
```

6.-Crear un directorio "prueba" en /home

```
[x]-[user@parrot]-[/]  
$mkdir ~/prueba  
[user@parrot]-[/]  
$
```

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

```
[x]-[user@parrot]-[/]  
$touch /home/user/test  
[user@parrot]-[/]  
$
```

8.- Verificar el usuario actual

```
[user@parrot]-[/]  
$whoami  
user
```

9.- Mostrar el contenido del archivo /root/.bash_history

```
[user@parrot]~  
$ls /root/.bash_history
```

10.- Copiar el archivo "test" a /root

```
[x]-[user@parrot]~  
$sudo cp /home/prueba/test/root
```

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

```
[x]-[user@parrot]~  
$sudo rm /home/prueba/test
```

12.- Mover /root/test a la raíz

```
[user@parrot]~  
$sudo mv /root/test/  
sudo: mv /root/test/: command not found
```

13.- Hacer un ping a www.google.com

```
[x]-[user@parrot]~  
$sudo ping www.google.com  
PING www.google.com (192.178.50.68) 56(84) bytes of data:  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=1 ttl=117 time=2  
89 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=2 ttl=117 time=5  
55 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=3 ttl=117 time=5  
2.4 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=4 ttl=117 time=5  
2.9 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=5 ttl=117 time=5  
3.2 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=6 ttl=117 time=5  
3.6 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=7 ttl=117 time=5  
3.1 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=8 ttl=117 time=5  
5.4 ms  
64 bytes from tzmiaa-ad-in-f4.1e100.net (192.178.50.68): icmp_seq=9 ttl=117 time=5  
5.2 ms
```

14.- Mostrar la configuración de red del servidor

```
[user@parrot]~  
$ifconfig  
enp0s3: 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::46ec:eele:1780:d5e8 prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:3b:8f:3f txqueuelen 1000 (Ethernet)  
    RX packets 25276 bytes 31903298 (30.4 MiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 7230 bytes 929885 (908.0 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 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

```
[user@parrot]~$ netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
udp        0      0 10.0.2.15:bootpc       10.0.2.2:bootps        ESTABLISHED

Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags     Type       State         I-Node  Path
unix    3      [ ]       STREAM    CONNECTED    24112    @/tmp/.X11-unix/X0
unix    2      [ ]       DGRAM     CONNECTED    24838
unix    3      [ ]       STREAM    CONNECTED    24041
unix    3      [ ]       STREAM    CONNECTED    20130    /run/dbus/system_bus_socket
unix    3      [ ]       STREAM    CONNECTED    23045    /run/dbus/system_bus_socket
unix    3      [ ]       STREAM    CONNECTED    22036    /run/user/1000/bus
unix    3      [ ]       STREAM    CONNECTED    24607    /run/user/1000/bus
unix    3      [ ]       STREAM    CONNECTED    18413    /run/dbus/system_bus_socket
```

16.- Usar el comando top

```
[user@parrot]~$ top
top - 13:16:25 up 8:55, 2 users, load average: 0.01, 0.07, 0.08
Tasks: 171 total, 1 running, 170 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.3 us, 0.5 sy, 0.0 ni, 99.1 id, 0.0 wa, 0.0 hi, 0.1 si, 0.0 st
MiB Mem : 4750.2 total, 2994.4 free, 667.5 used, 1088.2 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used, 3708.2 avail Mem

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM     TIME+ COMMAND
 1341 root        0   20 1359820 141684 66224 S   3.0   2.9   8:23.06 Xorg
 4230 user        0   20 481312 45012 30264 S   1.0   0.9   0:00.95 mate-terminal
1570 user        0   20 218028 2496 2156 S   0.3   0.1   1:14.35 VBoxClient
   1 root        0   20 166840 12252 9120 S   0.0   0.3   0:01.54 systemd
   2 root        0   20 0 0 0 S   0.0   0.0   0:00.04 kthreadd
   3 root        0  -20 0 0 0 I   0.0   0.0   0:00.00 rcu_gp
   4 root        0  -20 0 0 0 I   0.0   0.0   0:00.00 rcu_par_gp
   5 root        0  -20 0 0 0 I   0.0   0.0   0:00.00 slub_flushwq
   6 root        0  -20 0 0 0 I   0.0   0.0   0:00.00 netns
```

17.- Usar el comando traceroute

```
[user@parrot]~$ traceroute
Usage:
  traceroute [-46dFITnreAUDV] [-f first_ttl] [-g gate,...] [-i device]
  [-m max_ttl] [-N nqueries] [-p port] [-t tos] [-l flow_label] [-w MAX
  HERE,NEAR] [-q nqueries] [-s src_addr] [-z sendwait] [--fwmark=num] h
  t [packetlen]
Options:
  -4 --ipv4 Use IPv4
  -6 --ipv6 Use IPv6
  -d --debug Enable socket level debugging
  -F --dont-fragment Do not fragment packets
  -f first_ttl --first=first_ttl Start from the first_ttl hop (instead from 1)
  -g gate,... --gateway=gate,...
```

18.- Usar el comando nslookup

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