

CARLOS ALBERTO FUENTES PEREZ

ING EN SOFTWARE 27AV

SISTEMAS OPERATIVOS

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1. Asumir el prompt de superusuario: `sudo -i`
2. cambiar el password de superusuario: `sudo passwd root`
3. Listar el directorio raíz: `ls /`
4. cambiarse al directorio raíz: `cd /`
5. Verificar el directorio actual: `pwd`
6. Crear un directorio "prueba" en /home:
`cd home`
`mkdir prueba`
`ls`
7. Crear un archivo "test" en directorio /home/prueba:
`cd home/prueba`
`touch test`
`ls`
8. Verificar el usuario actual: `whoami`
9. mostrar el contenido del archivo /root/.bash_history: `history`
10. copiar el archivo "test" a /root: `cp test /root`
11. eliminar el archivo "test" de /home/prueba: `rm -f test`
12. mover /root/test a la raíz: `mv /root/test root`
13. hacer un ping a www.google.com: `ping 216.58.210.163`
14. mostrar la configuración de red del servidor: `ip a`
15. usar el comando netstat: `netstat -r`
16. usar el comando top: `top`
17. usar el comando traceroute: `traceroute www.google.com`
18. usar el comando nslookup: `nslookup www.google.com`

```
Applications Places System Thu Oct 12, 23:15
ls --color=auto / - Parrot Terminal
File Edit View Search Terminal Help
[user@parrot]-[~]
$ sudo -i
[root@parrot]-[~]
# sudo passwd root
New password:
Retype new password:
Sorry, passwords do not match.
passwd: Authentication token manipulation error
passwd: password unchanged
[x]-[root@parrot]-[~]
# sudo passwd root
New password:
Retype new password:
passwd: password updated successfully
[root@parrot]-[~]
# ls /
bin    home    lib32  mnt    run    tmp    vmlinuz.old
boot  initrd.img  lib64  opt    sbin  usr
dev    initrd.img.old  libx32  proc  srv  var
etc    lib      media  root   sys  vmlinuz
[root@parrot]-[~]
```

```
Applications Places System Thu Oct 12, 23:28
ls --color=auto - Parrot Terminal
File Edit View Search Terminal Help
dev    initrd.img.old  libx32  proc  srv  var
etc    lib             media   root  sys  vmlinuz
[root@parrot]-[/]
# pwd
/
[root@parrot]-[/]
# cd home
[root@parrot]-[/home]
# mkdir prueba
[root@parrot]-[/home]
# ls
prueba user
[root@parrot]-[/home]
# cd /home/prueba
[root@parrot]-[/home/prueba]
# touch test
[root@parrot]-[/home/prueba]
# ls
test
[root@parrot]-[/home/prueba]
#
```

```
File Edit View Search Terminal Help
^Z
[1]+  Stopped                  cat
[x]-[root@parrot]-[/home/prueba]
#cat /root/.bash_history
cat: /root/.bash_history: No such file or directory
[x]-[root@parrot]-[/home/prueba]
#cat /root/history
cat: /root/history: No such file or directory
[x]-[root@parrot]-[/home/prueba]
#cp test .root
[root@parrot]-[/home/prueba]
#cp test /root
[root@parrot]-[/home/prueba]
#rm -f test
[root@parrot]-[/home/prueba]
#mv /root/test root
```

```
[x]-[root@parrot]-[/home/prueba]
#ping 216.58.210.163
PING 216.58.210.163 (216.58.210.163) 56(84) bytes of data.
64 bytes from 216.58.210.163: icmp_seq=1 ttl=110 time=147 ms
64 bytes from 216.58.210.163: icmp_seq=2 ttl=110 time=144 ms
64 bytes from 216.58.210.163: icmp_seq=3 ttl=110 time=144 ms
64 bytes from 216.58.210.163: icmp_seq=4 ttl=110 time=143 ms
64 bytes from 216.58.210.163: icmp_seq=5 ttl=110 time=145 ms
^Z
[3]+  Stopped                  ping 216.58.210.163
[x]-[root@parrot]-[/home/prueba]
#
```

```
Applications Places System Thu Oct 12, 23:45
ip a - Parrot Terminal
File Edit View Search Terminal Help
[root@parrot]-[/home/prueba]
#ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:9f:d3:7a brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
        valid_lft 84286sec preferred_lft 84286sec
    inet6 fe80::acba:b9ee:9e86:44/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
[root@parrot]-[/home/prueba]
#
```

```
Applications Places System Thu Oct 12, 23:47
netstat -s - Parrot Terminal
File Edit View Search Terminal Help
valid_lft forever preferred_lft forever
[root@parrot]-[/home/prueba]
#netstat -s
Ip:
    Forwarding: 2
    24 total packets received
    2 with invalid addresses
    0 forwarded
    0 incoming packets discarded
    22 incoming packets delivered
    22 requests sent out
Icmp:
    13 ICMP messages received
    0 input ICMP message failed
    ICMP input histogram:
        echo replies: 13
    13 ICMP messages sent
    0 ICMP messages failed
    ICMP output histogram:
        echo requests: 13
IcmpMsg:
    InType0: 13
```

```
Applications Places System Thu Oct 12, 23:47
top - Parrot Terminal
File Edit View Search Terminal Help
top - 23:47:46 up 38 min, 2 users, load average: 0.03, 0.05, 0.04
Tasks: 166 total, 1 running, 162 sleeping, 3 stopped, 0 zombie
%Cpu(s): 0.3 us, 0.4 sy, 0.0 ni, 99.0 id, 0.0 wa, 0.0 hi, 0.2 si, 0.0 s
MiB Mem : 1979.2 total, 796.2 free, 551.5 used, 631.4 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used. 1239.8 avail Mem

  PID USER      PR  NI  VIRT  RES  SHR S %CPU  %MEM    TIME+
1325 root        20   0 1076708 86888 47876 S   1.0   4.3   0:13.80
1849 user        20   0 481808 47588 30752 S   0.7   2.3   0:01.90
   1 root        20   0 166868 12080 8908 S   0.0   0.6   0:01.24
   2 root        20   0      0      0      0 S   0.0   0.0   0:00.00
   3 root         0 -20      0      0      0 I   0.0   0.0   0:00.00
   4 root         0 -20      0      0      0 I   0.0   0.0   0:00.00
   5 root         0 -20      0      0      0 I   0.0   0.0   0:00.00
   6 root         0 -20      0      0      0 I   0.0   0.0   0:00.00
   8 root         0 -20      0      0      0 I   0.0   0.0   0:00.00
  10 root         0 -20      0      0      0 I   0.0   0.0   0:00.00
  11 root        20   0      0      0      0 I   0.0   0.0   0:00.00
  12 root        20   0      0      0      0 I   0.0   0.0   0:00.00
  13 root        20   0      0      0      0 I   0.0   0.0   0:00.00
  14 root        20   0      0      0      0 S   0.0   0.0   0:00.07
```

```
Applications Places System Thu Oct 12, 23:48
traceroute www.google.com - Parrot Terminal
File Edit View Search Terminal Help
[root@parrot]-[/home/prueba]
#traceroute www.google.com
traceroute to www.google.com (64.233.176.105), 30 hops max, 60 byte packets
 1 10.0.2.2 (10.0.2.2) 0.146 ms 0.090 ms 0.078 ms
 2 * * *
 3 * * *
 4 * * *
 5 * * *
 6 * * *
 7 * * *
 8 * * *
 9 * * *
10 * * *
11 * * *
12 * * *
13 * * *
14 * * *
15 * * *
16 * * *
17 * * *^Z
[5]+ Stopped traceroute www.google.com
[x]-[root@parrot]-[/home/prueba]
```

```
Applications Places System nslookup www.google.com - Parrot Termi
File Edit View Search Terminal Help

[root@parrot]-[/home/prueba]
#nslookup www.google.com
Server:      4.2.2.2
Address:     4.2.2.2#53

Non-authoritative answer:
Name:   www.google.com
Address: 74.125.136.104
Name:   www.google.com
Address: 74.125.136.106
Name:   www.google.com
Address: 74.125.136.105
Name:   www.google.com
Address: 74.125.136.147
Name:   www.google.com
Address: 74.125.136.99
Name:   www.google.com
Address: 74.125.136.103
Name:   www.google.com
Address: 2607:f8b0:4002:c2c::68
Name:   www.google.com
Address: 2607:f8b0:4002:c2c::67

Menu nslookup www.google.c...
```