



UNIVERSIDAD POLITÉCNICA DE QUINTANA ROO



Sistemas Operativos

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27AV

Tema:
tarea #988

Cancún Quintana Roo

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3.-Listar el directorio raíz

```
IMac_13_Invitado — -zsh — 80x24
IMac_13_Invitado@iMac-13 ~ % ls
Desktop      Movies      Tarea
Documents    Music       Tilin.js
Downloads    Pictures    actividad01
Library      Public     eclipse-workspace
IMac_13_Invitado@iMac-13 ~ %
```

4.-cambiarse al directorio raíz

```
IMac_13_Invitado — -zsh — 80x24
IMac_13_Invitado@iMac-13 ~ % cd
IMac_13_Invitado@iMac-13 ~ %
```



5.-Verificar el directorio actual

```
IMac_13_Invitado — -zsh — 80x24
[IMac_13_Invitado@iMac-13 ~ % cd
[IMac_13_Invitado@iMac-13 ~ % pwd
/Users/IMac_13_Invitado
IMac_13_Invitado@iMac-13 ~ %
```

6.- crear un directorio “Prueba” en /home

```
IMac_13_Invitado — -zsh — 80x24
[IMac_13_Invitado@iMac-13 ~ % cd
[IMac_13_Invitado@iMac-13 ~ % pwd
/Users/IMac_13_Invitado
[IMac_13_Invitado@iMac-13 ~ % Mkdir /Users/IMac_13_Invitado/prueba
[IMac_13_Invitado@iMac-13 ~ % ls
Desktop          Music            actividad01
Documents        Pictures         eclipse-workspace
Downloads        Public           prueba
Library          Tarea
Movies           Tilin.js
IMac_13_Invitado@iMac-13 ~ %
```



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

```
prueba — -zsh — 80x24
IMac_13_Invitado@iMac-13 prueba % ls
test
IMac_13_Invitado@iMac-13 prueba % touch /Users/IMac_13_Invitado/prueba/test
IMac_13_Invitado@iMac-13 prueba % ls
test
IMac_13_Invitado@iMac-13 prueba %
```

8.-verificar el usuario actual

```
prueba — -zsh — 80x24
IMac_13_Invitado@iMac-13 prueba % whoami
IMac_13_Invitado
IMac_13_Invitado@iMac-13 prueba %
```

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

```
IMac_13_Invitado — -zsh — 80x24
IMac_13_Invitado@iMac-13 ~ % history
 62  clear
 63  cd prueba
 64  clear
 65  ls
 66  touch /Users/IMac_13_Invitado/prueba/test
 67  ls
 68  whoami
 69  clear
 70  whoami
 71  cd
 72  pwd
 73  cat /Users/IMac_13_Invitado/.bash_history
 74  cat bash_history
 75  bash_history
 76  history
 77  clear
IMac_13_Invitado@iMac-13 ~ %
```

10.-Copiar el archivo “test” a /root

```
IMac_13_Invitado — -zsh — 104x24
IMac_13_Invitado@iMac-13 ~ % cp /Users/IMac_13_Invitado/prueba/test /Users/IMac_13_Invitado/
IMac_13_Invitado@iMac-13 ~ % ls
Desktop      Movies      Tarea      prueba
Documents    Music       Tilin.js   test
Downloads    Pictures    actividad01
Library      Public     eclipse-workspace
IMac_13_Invitado@iMac-13 ~ %
```




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

```
prueba — -zsh — 104x24

IMac_13_Invitado@iMac-13 ~ % cp /Users/IMac_13_Invitado/prueba/test /Users/IMac_13_Invitado/
IMac_13_Invitado@iMac-13 ~ % ls
Desktop      Movies      Tarea      prueba
Documents    Music       Tilin.js   test
Downloads    Pictures    actividad01
Library      Public     eclipse-workspace
IMac_13_Invitado@iMac-13 ~ % rm /Users/IMac_13_Invitado/prueba/test
IMac_13_Invitado@iMac-13 ~ % cd prueba
IMac_13_Invitado@iMac-13 prueba % pwd
/Users/IMac_13_Invitado/prueba
IMac_13_Invitado@iMac-13 prueba % ls
IMac_13_Invitado@iMac-13 prueba %
```

12.-Mover /root/test a la raíz

```
IMac_13_Invitado@iMac-13 ~ % mv /Users/IMac_13_Invitado/test /Users/IMac_13_Invitado/desktop/test
IMac_13_Invitado@iMac-13 ~ % cd desktop
IMac_13_Invitado@iMac-13 desktop % ls
Cabra.jpeg
Captura de pantalla 2023-09-04 a la(s) 17.15.02.png
Captura de pantalla 2023-09-04 a la(s) 17.15.16.png
Captura de pantalla 2023-09-04 a la(s) 17.15.27.png
Captura de pantalla 2023-09-12 a la(s) 11.48.38.png
Captura de pantalla 2023-10-12 a la(s) 16.38.55.png
Captura de pantalla 2023-10-12 a la(s) 5.25.53 p.m..png
Captura de pantalla 2023-10-12 a la(s) 6.10.48 p.m..png
Captura de pantalla 2023-10-12 a la(s) 6.15.34 p.m..png
Captura de pantalla 2023-10-12 a la(s) 6.21.39 p.m..png
Casco esp.jpeg
Exercise
OURBANK
OURBANK.zip
Visual Studio Code.app
hola bb.png
hola mi amor.png
test
IMac_13_Invitado@iMac-13 desktop %
```

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

```
IMac_13_Invitado@iMac-13 ~ % ping www.google.com
PING www.google.com (142.250.189.132): 56 data bytes
64 bytes from 142.250.189.132: icmp_seq=0 ttl=118 time=33.796 ms
64 bytes from 142.250.189.132: icmp_seq=1 ttl=118 time=31.219 ms
64 bytes from 142.250.189.132: icmp_seq=2 ttl=118 time=34.016 ms
64 bytes from 142.250.189.132: icmp_seq=3 ttl=118 time=61.536 ms
64 bytes from 142.250.189.132: icmp_seq=4 ttl=118 time=29.367 ms
64 bytes from 142.250.189.132: icmp_seq=5 ttl=118 time=40.726 ms
64 bytes from 142.250.189.132: icmp_seq=6 ttl=118 time=35.324 ms
64 bytes from 142.250.189.132: icmp_seq=7 ttl=118 time=31.714 ms
64 bytes from 142.250.189.132: icmp_seq=8 ttl=118 time=43.620 ms
64 bytes from 142.250.189.132: icmp_seq=9 ttl=118 time=32.189 ms
64 bytes from 142.250.189.132: icmp_seq=10 ttl=118 time=40.179 ms
64 bytes from 142.250.189.132: icmp_seq=11 ttl=118 time=32.027 ms
64 bytes from 142.250.189.132: icmp_seq=12 ttl=118 time=49.566 ms
64 bytes from 142.250.189.132: icmp_seq=13 ttl=118 time=35.435 ms
64 bytes from 142.250.189.132: icmp_seq=14 ttl=118 time=47.281 ms
64 bytes from 142.250.189.132: icmp_seq=15 ttl=118 time=33.761 ms
64 bytes from 142.250.189.132: icmp_seq=16 ttl=118 time=31.280 ms
64 bytes from 142.250.189.132: icmp_seq=17 ttl=118 time=41.592 ms
64 bytes from 142.250.189.132: icmp_seq=18 ttl=118 time=33.059 ms
64 bytes from 142.250.189.132: icmp_seq=19 ttl=118 time=30.826 ms
64 bytes from 142.250.189.132: icmp_seq=20 ttl=118 time=33.348 ms
64 bytes from 142.250.189.132: icmp_seq=21 ttl=118 time=35.314 ms
64 bytes from 142.250.189.132: icmp_seq=22 ttl=118 time=42.299 ms
64 bytes from 142.250.189.132: icmp_seq=23 ttl=118 time=73.076 ms
64 bytes from 142.250.189.132: icmp_seq=24 ttl=118 time=37.150 ms
```

14.-Mostrar la configuracion de red del servidor

```
IMac_13_Invitado ~ -- -zsh
IMac_13_Invitado@iMac-13 ~ % clear
IMac_13_Invitado@iMac-13 ~ % ifconfig
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> mtu 16384
options=1203<RXCSUM, TXCSUM, TXSTATUS, SW_TIMESTAMP>
inet 127.0.0.1 netmask 0xff000000
inet6 ::1 prefixlen 128
inet6 fe80::1%lo0 prefixlen 64 scopeid 0x1
nd6 options=201<PERFORMNUD,DAD>
gif0: flags=8010<POINTOPOINT,MULTICAST> mtu 1280
stf0: flags=0<> mtu 1280
anpi0: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
options=400<CHANNEL_IO>
ether fe:d7:bd:5e:8a:1d
media: none
status: inactive
anpi1: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
options=400<CHANNEL_IO>
ether fe:d7:bd:5e:8a:1e
media: none
status: inactive
en0: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
options=50b<RXCSUM, TXCSUM, VLAN_HWTAGGING, AV, CHANNEL_IO>
ether 3c:a6:f6:a8:e2:bc
nd6 options=201<PERFORMNUD,DAD>
media: autoselect (none)
status: inactive
en4: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
options=400<CHANNEL_IO>
ether fe:d7:bd:5e:8a:fd
nd6 options=201<PERFORMNUD,DAD>
media: none
status: inactive
en5: flags=8863<UP,BROADCAST,SMART,RUNNING,SIMPLEX,MULTICAST> mtu 1500
options=400<CHANNEL_IO>
ether fe:d7:bd:5e:8a:fe
nd6 options=201<PERFORMNUD,DAD>
media: none
```



15.-Usar el comando netstat

```
IMac_13_Invitado -- -zsh -- 104x38
~ -- -zsh
[IMac_13_Invitado@iMac-13 ~ % netstat -tuln
Active LOCAL (UNIX) domain sockets
Address      Type  Recv-Q Send-Q           Inode          Conn           Refs          Nextre
f Addr
d4f5dd533153763b stream    0      0           0 d4f5dd5331537573           0
0 /var/run/mDNSResponder
d4f5dd5331537573 stream    0      0           0 d4f5dd533153763b           0
0
d4f5dd5331536a83 stream    0      0           0 d4f5dd5331536443           0
0 /var/run/mDNSResponder
d4f5dd533153731b stream    0      0           0 d4f5dd5331537253           0
0 /var/run/mDNSResponder
d4f5dd53315374ab stream    0      0           0 d4f5dd53315373e3           0
0 /var/run/mDNSResponder
d4f5dd5331536443 stream    0      0           0 d4f5dd5331536a83           0
0
d4f5dd5331537253 stream    0      0           0 d4f5dd533153731b           0
0
d4f5dd53315373e3 stream    0      0           0 d4f5dd53315374ab           0
0
d4f5dd53315317b3 stream    0      0           0 d4f5dd53315316eb           0
0 /var/run/mDNSResponder
d4f5dd53315316eb stream    0      0           0 d4f5dd53315317b3           0
0
d4f5dd533153155b stream    0      0           0 d4f5dd5331531493           0
0 /var/run/usbmuxd
d4f5dd5331531493 stream    0      0           0 d4f5dd533153155b           0
0
d4f5dd5331536763 stream    0      0           0 d4f5dd533153669b           0
0 /var/run/usbmuxd
d4f5dd533153669b stream    0      0           0 d4f5dd5331536763           0
0
d4f5dd53315390cb stream    0      0           0 d4f5dd5331538c1b           0
0 /var/run/mDNSResponder
d4f5dd5331538c1b stream    0      0           0 d4f5dd53315390cb           0
0
d4f5dd53315389c3 stream    0      0           0 d4f5dd53315388fb           0
0 /var/run/mDNSResponder
```


16.-Usar el comando top

```
IMac_13_Invitado — top — 104x45
~ -- top
Processes: 560 total, 2 running, 558 sleeping, 2061 threads
load Avg: 1.67, 1.47, 1.38 CPU usage: 4.21% user, 3.51% sys, 92.27% idle
SharedLibs: 826M resident, 146M data, 102M linkedit.
MemRegions: 58260 total, 3610M resident, 745M private, 2831M shared.
PhysMem: 16G used (1761M wired, 102M compressor), 184M unused.
VM: 213T vsize, 4723M framework vsize, 0(0) swapins, 0(0) swapouts.
Networks: packets: 541318/644M in, 102639/47M out. Disks: 896774/9429M read, 235923/7601M written.

PID   COMMAND             %CPU   TIME    #TH   #WQ   #PORT  MEM    PURG   CMPRS  PGRP  PPID  STATE   BOOSTS
663   WindowServer         34.1   05:53.61 18    5    1976+  415M+  634M-  0B    563   1    sleeping *0[1]
0     kernel_task          7.6    04:29.85 484/8  0     0      39M    0B     0B    0     0    running  0[0]
2009  top                  6.4    00:01.36 1/1    0     29     5985K+ 0B     0B    2009 1733  running *0[1]
2010  screencaptur         6.0    00:00.27 5      4     72     8002K+ 752K   0B    1723 1723  sleeping *0[196+]
656   bluetoothd           3.8    00:47.58 11     5    322    8386K  384K   0B    556   1    sleeping *0[1]
1856  com.apple.We         1.5    02:35.81 5      3    191     652M  188M   0B    1856   1    sleeping *0[81236+]
2011  screencaptur         0.7    00:00.08 6      4    163     7362K  0B     0B    2011   1    sleeping *0[79+]
036   sharingd             0.4    00:06.50 3      1    278     9425K  0B     0B    1036   1    sleeping *0[1]
1721  Safari              0.4    01:59.00 18     8   1004    104M   642M   0B    1721   1    sleeping *0[972]
1720  Terminal            0.4    00:29.20 8      3    306     67M    24M    0B    1720   1    sleeping *0[423]
1124  nearbyd             0.3    00:06.48 7      5     87     4481K  0B     0B    1124   1    sleeping *0[6710+]
634   thermalmonit        0.2    00:04.25 3      2    46     2129K  0B     0B    534   1    sleeping *0[1]
496   logd                 0.2    00:13.51 4      3   1790     9746K  0B     0B    496   1    sleeping *0[1]
618   airportd            0.2    00:30.86 7      5    297     7698K  0B     0B    618   1    sleeping  0[424]
659   corebrightne        0.1    00:11.64 3      2    108     3889K  0B     0B    559   1    sleeping *0[1]
1782  com.apple.We         0.1    02:13.69 26     2    661    165M   783M   0B    1782   1    sleeping *0[15424+]
695   audioclocksy        0.1    00:07.61 5      4    46     6370K  0B     0B    695   1    sleeping *0[1]
991   UserEventAge        0.0    00:06.56 3      2    551    6177K  0B     0B    991   1    sleeping *0[1]
1841  com.apple.We         0.0    00:31.98 4      1    214     408M   16K    0B    1841   1    sleeping  0[2367]
609   powerd              0.0    00:02.98 3      2    127     3634K  0B     0B    509   1    sleeping *0[1]
621   mDNSResponder       0.0    00:06.19 4      2     86     5793K  0B     0B    621   1    sleeping *0[1]
660   AirPlayXPCHe       0.0    00:00.82 4      1    198     4529K  0B     0B    560   1    sleeping *0[1]
601   coreaudioid         0.0    01:07.31 11     4    595     11M    0B     0B    601   1    sleeping *0[1]
1017  networkservi        0.0    00:04.67 3      2    109     7058K  0B     32K   1017   1    sleeping *0[5040+]
649   PerfPowerSer        0.0    00:11.91 5      2    455     8353K  256K   720K   549   1    sleeping  0[80]
709   com.apple.Ap        0.0    00:00.16 2      1    103     1505K  0B     0B    709   1    sleeping  0[1]
600   uninstalld         0.0    00:00.21 3      2    27+     1713K+ 0B     0B    500   1    sleeping *0[1]
642   locationd          0.0    00:16.63 8      6    303     8065K  512K   128K   542   1    sleeping  0[2087]
92    gamecontrol         0.0    00:00.32 3      2     81     3665K  0B     2096K  992   1    sleeping  0[2]
1299  photoanalysisi      0.0    00:04.69 3      2   122+     14M+   256K   5232K  1299   1    sleeping  0[7]
1134  mobiletimerd        0.0    00:00.25 3      2    54+     3169K+ 0B     0B    1134   1    sleeping *0[1]
1     launchd             0.0    00:59.90 4      3   3258     19M    0B     0B     1     0    sleeping  0[0]
675   wifip2pd            0.0    00:00.67 2      1     51     3825K  0B     16K    675   1    sleeping  0[122]
1139  Notification         0.0    00:02.70 4      2    255     29M    0B     0B    1139   1    sleeping *0[231]
1754  com.apple.We         0.0    00:58.85 7      2   108-     70M-   1440K  0B     1754   1    sleeping *0[463]
201  amsaccountsd        0.0    00:00.34 2      1    84-     5441K- 0B     1696K  1201   1    sleeping  0[33]
```

17.-Usar el comando traceroute

```
IMac_13_Invitado — -zsh — 104x45
~ -- -zsh
IMac_13_Invitado@iMac-13 ~ % traceroute www.google.com
traceroute to www.google.com (142.250.189.132), 64 hops max, 52 byte packets
 1  172.16.128.1 (172.16.128.1)  13.840 ms  7.068 ms  3.273 ms
 2  192.168.109.1 (192.168.109.1)  3.946 ms  4.578 ms  4.016 ms
 3  fixed-187-188-58-130.totalplay.net (187.188.58.130)  7.050 ms  10.522 ms  5.908 ms
 4  10.180.58.1 (10.180.58.1)  15.909 ms  8.056 ms  7.530 ms
 5  72.14.242.148 (72.14.242.148)  25.373 ms  22.787 ms  22.876 ms
 6  * * *
 7  108.170.234.74 (108.170.234.74)  31.419 ms
    142.250.61.134 (142.250.61.134)  22.401 ms
    209.85.244.152 (209.85.244.152)  22.475 ms
 8  108.170.249.2 (108.170.249.2)  22.348 ms  19.866 ms  22.056 ms
 9  142.250.214.127 (142.250.214.127)  22.346 ms
    142.250.214.117 (142.250.214.117)  22.400 ms
    mia09s26-in-f4.1e100.net (142.250.189.132)  24.049 ms
IMac_13_Invitado@iMac-13 ~ %
```



18.-Usar el comando nslookup

www.ejemplo.com

```
IMac_13_Invitado — nslookup — 104x26
~ — nslookup
[IMac_13_Invitado ~ % nlookup
zsh: command not found: nlookup
[IMac_13_Invitado@iMac-13 ~ % nslookup
> www.google.com
Server:      8.8.8.8
Address:     8.8.8.8#53

Non-authoritative answer:
Name:   www.google.com
Address: 142.250.189.132
>
```