

## Laboratorio 2

📌 (10 puntos) Muestren las últimas 15 líneas del archivo /var/log/nginx/access.log usando tail (tail).

```
ubuntu@ip-172-31-81-27:/var/log/nginx$ tail -n 15 access.log
172.70.82.24 - [14/Feb/2025:04:44:36 +0000] "GET /usuarios/mar23617/ HTTP/1.1" 200 246 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
54.196.247.85 - [14/Feb/2025:04:44:38 +0000] "GET //rawgit.com/vonWolfehaus/von-grid/master/dist/hex-grid.min.js HTTP/1.1" 404 196 "-" "Mozilla/5.0 (Linux; Android 9; Redmi Note 7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
54.196.247.85 - [14/Feb/2025:04:44:38 +0000] "GET //cdnjs.cloudflare.com/ajax/libs/tween.js/16.6.0/tween.min.js HTTP/1.1" 404 134 "-" "Mozilla/5.0 (MeeGo; Nokia9) AppleWebKit/534.13 (KHTML, like Gecko) Nokia Browser/5.3.5 Mobile Safari/534.13"
54.196.247.85 - [14/Feb/2025:04:44:38 +0000] "GET //cdnjs.cloudflare.com/ajax/libs/three.js/r90/three.min.js HTTP/1.1" 404 196 "-" "Mozilla/5.0 (Linux; Android 5.0; SM-G900F Build/LRX21T; wv) AppleWebKit/537.36 (KHTML, like Gecko) Version/4.0 Chrome/15.0.2454.95 Mobile Safari/537.36"
172.70.55.186 - [14/Feb/2025:04:44:41 +0000] "GET /usuarios/mario HTTP/1.1" 301 178 "https://www.awita.site/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.55.186 - [14/Feb/2025:04:44:41 +0000] "GET /usuarios/mario/ HTTP/1.1" 200 136 "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.54.25 - [14/Feb/2025:04:44:43 +0000] "GET /usuarios/ HTTP/1.1" 200 712 "https://www.awita.site/usuarios/mario/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.54.25 - [14/Feb/2025:04:44:46 +0000] "GET /usuarios/ros23258 HTTP/1.1" 301 178 "https://www.awita.site/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.82.24 - [14/Feb/2025:04:44:46 +0000] "GET /usuarios/ros23258/ HTTP/1.1" 200 240 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.54.25 - [14/Feb/2025:04:44:55 +0000] "GET /usuarios/mario/ HTTP/1.1" 200 136 "https://www.awita.site/usuarios/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.54.25 - [14/Feb/2025:04:44:56 +0000] "GET /usuarios/ HTTP/1.1" 200 712 "https://www.awita.site/usuarios/mario/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.82.24 - [14/Feb/2025:04:44:57 +0000] "GET /usuarios/her231038 HTTP/1.1" 301 178 "https://www.awita.site/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.82.24 - [14/Feb/2025:04:44:57 +0000] "GET /usuarios/her231038/ HTTP/1.1" 200 252 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.82.24 - [14/Feb/2025:04:45:22 +0000] "GET /usuarios/mario HTTP/1.1" 301 178 "https://www.awita.site/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
172.70.82.24 - [14/Feb/2025:04:45:22 +0000] "GET /usuarios/mario/ HTTP/1.1" 200 136 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/133.0.0.0 Safari/537.36"
```

📌 (10 puntos) Identifiquen qué procesos están corriendo con el nombre “amazon” usando ps y grep (ps, grep).

```
ubuntu@ip-172-31-81-27:/var/log/nginx$ ps aux | grep amazon
root      958  0.0  1.2 1759116 12232 ?        Ssl  Jan31   0:24 /snap/amazon-ssm-agent/9881/amazon-ssm-agent
ubuntu    114569 0.0  0.2   7076 2048 pts/0       T   04:57  0:00 grep --color=auto amazon
ubuntu    114572 0.0  0.2   7076 2048 pts/0       T   04:57  0:00 grep --color=auto amazon
ubuntu    114574 0.0  0.2   7076 2048 pts/0       S+  04:58  0:00 grep --color=auto amazon
ubuntu@ip-172-31-81-27:/var/log/nginx$ |
```

📌 (10 puntos) Obtengan la IP del dominio uvg.edu.gt usando dig (dig).

```
ubuntu@ip-172-31-81-27:/var/log/nginx$ dig uvg.edu.gt

; <>> DiG 9.18.30-Ubuntu0.24.04.2-Ubuntu <>> uvg.edu.gt
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 25075
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;uvg.edu.gt.           IN      A

;; ANSWER SECTION:
uvg.edu.gt.        102     IN      A      45.223.155.41
uvg.edu.gt.        102     IN      A      45.223.56.41

;; Query time: 0 msec
;; SERVER: 127.0.0.53#53(127.0.0.53) (UDP)
;; WHEN: Fri Feb 14 04:59:24 UTC 2025
;; MSG SIZE  rcvd: 71

ubuntu@ip-172-31-81-27:/var/log/nginx$ |
```

📌 (5 puntos) Consulten la memoria RAM total, usada y libre en MB usando free (free).

```
ubuntu@ip-172-31-81-27:/var/log/nginx$ free -m
      total        used        free      shared  buff/cache   available
Mem:       957         411         192          1        518        546
Swap:          0          0          0
ubuntu@ip-172-31-81-27:/var/log/nginx$
```

📌 (5 puntos) Obtengan la IP del servidor usando ip (ip).

```
ubuntu@ip-172-31-81-27:/var/log/nginx$ ip addr show
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 noprefixroute
        valid_lft forever preferred_lft forever
2: enX0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc fq_codel state UP group default qlen 1000
    link/ether 12:bf:99:a0:59:f7 brd ff:ff:ff:ff:ff:ff
    inet 172.31.81.27/20 metric 100 brd 172.31.95.255 scope global dynamic enX0
        valid_lft 1887sec preferred_lft 1887sec
    inet6 fe80::10bf:99ff:fea0:59f7/64 scope link
        valid_lft forever preferred_lft forever
ubuntu@ip-172-31-81-27:/var/log/nginx$ |
```

📌 (10 puntos) Identifiquen los archivos abiertos por el protocolo TCP en el puerto 80 usando lsof (lsof).

```
ubuntu@ip-172-31-81-27:/$ sudo lsof -i TCP:80
COMMAND   PID   USER   FD   TYPE DEVICE SIZE/OFF NODE NAME
nginx   87438   root    5u  IPv4  735284      0t0  TCP *:http (LISTEN)
nginx   87438   root    6u  IPv6  735285      0t0  TCP *:http (LISTEN)
nginx   87439 www-data   3u  IPv4  849611      0t0  TCP ip-172-31-81-27.ec2.internal:80
tcp->172.70.54.179:45110 (ESTABLISHED)
nginx   87439 www-data   5u  IPv4  735284      0t0  TCP *:http (LISTEN)
nginx   87439 www-data   6u  IPv6  735285      0t0  TCP *:http (LISTEN)
ubuntu@ip-172-31-81-27:/$ |
```

📌 (20 puntos) Listen los puertos en los que el servidor está escuchando usando netstat (netstat).

```
ubuntu@ip-172-31-81-27:/$ netstat -tulpn
(No info could be read for "-p": geteuid()=1000 but you should be root.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp     0      0 127.0.0.54:53             0.0.0.0:*               LISTEN      -
tcp     0      0 127.0.0.53:53             0.0.0.0:*               LISTEN      -
tcp     0      0 0.0.0.0:80              0.0.0.0:*               LISTEN      -
tcp6    0      0 ::1:80                  ::*:*                  LISTEN      -
tcp6    0      0 ::1:22                  ::*:*                  LISTEN      -
udp     0      0 127.0.0.1:323            0.0.0.0:*               -
udp     0      0 127.0.0.54:53            0.0.0.0:*               -
udp     0      0 127.0.0.53:53            0.0.0.0:*               -
udp     0      0 172.31.81.27:68          0.0.0.0:*               -
udp6    0      0 ::1:323                 ::*:*                  -
ubuntu@ip-172-31-81-27:/$
```

Deben filtrar usando las siguientes opciones de netstat (esto es un solo comando con estas opciones):

tcp

udp

numeric (muestra los puertos por número)

program (muestra qué programa es el que está escuchando)

📌 (30 puntos) Realicen la misma tarea con ss (ss).

```
ubuntu@ip-172-31-81-27:~$ ss -t -u -n -m -o -i
Netid      State     Recv-Q      Send-Q           Local Address:Port          Peer Address:Port
Process
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:33149
    timer:(keepalive,62min,0)
        skmem:(r0,rb131072,t0,rb87040,f0,w0,o,b10,d1) sack cubic wscale:8,7 rto:297 rtt:96.192/6.873 ato:62 mss:1460 pmtu:90
01 rcvmss:1460 advmss:8961 cwnd:24 bytes_sent:45742 bytes_acked:45742 bytes_received:38281 segs_out:997 segs_in:1031 data_segs_out:993 data_segs_in:949 send 2914172bps lastsnd:2848911 lastrcv:2848911 lastack:2848794 pacing_rate 5828288bps delivery_rate 1436144bps delivered:994 appLimited busy:30630ms rcv_space:56575 rcv_ssthresh:56575 minrtt:59.465 snd_wnd:64512
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.144.214]:21325
    timer:(keepalive,63min,0)
        skmem:(r0,rb2207016,t0,rb87040,f0,w0,o,b10,d1) sack cubic wscale:8,7 rto:274 rtt:73.358/16.731 ato:56 mss:1460 pmtu:90
001 rcvmss:1460 advmss:8961 cwnd:10 bytes_sent:323826 bytes_retrans:72 bytes_acked:323754 bytes_received:295073 segs_out:826
2 segs_in:9767 data_segs_out:8241 data_segs_in:7753 send 1592192bps lastsnd:2302876 lastrcv:2302876 lastack:2302771 pacing_rate 3184360bps delivery_rate 1754040bps delivered:8242 appLimited busy:221967ms retrans:0/2 dsack_dups:2 rcv_rtt:79652.5 rcv_space:62753 rcv_ssthresh:56575 minrtt:59.465 snd_wnd:64512
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.233.251]:7438
    timer:(keepalive,9min54sec,0)
        skmem:(r0,rb1150036,t0,rb87040,f0,w0,o,b10,d1) sack cubic wscale:8,7 rto:292 rtt:91.217/10.723 ato:63 mss:1460 pmtu:90
0001 rcvmss:1432 advmss:8961 cwnd:12 bytes_sent:96242 bytes_acked:96242 bytes_received:64977 segs_out:1746 segs_in:1942 data_segs_out:1735 data_segs_in:1492 send 1536556bps lastsnd:6534737 lastrcv:6534737 lastack:6534628 pacing_rate 3073080bps delivery_rate 3237096bps delivered:1736 appLimited busy:47371ms rcv_rtt:69083 rcv_space:62781 rcv_ssthresh:56575 minrtt:54.481 snd_wnd:65024
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:49983
    timer:(keepalive,105min,0)
        skmem:(r0,rb131072,t0,rb130560,f0,w0,o,b10,d2) sack cubic wscale:8,7 rto:295 rtt:94.611/5.076 ato:62 mss:1460 pmtu:90
001 rcvmss:1460 advmss:8961 cwnd:67 bytes_sent:151150 bytes_acked:151150 bytes_received:36733 segs_out:990 segs_in:1008 data_segs_out:982 data_segs_in:906 send 8271343bps lastsnd:795592 lastrcv:795592 lastack:795483 pacing_rate 16542680bps delivery_rate 4579832bps delivered:983 busy:28806ms rcv_space:56575 rcv_ssthresh:56575 minrtt:57.98 snd_wnd:130048
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:35475
    timer:(keepalive,98min,0)
        skmem:(r0,rb131072,t0,rb87040,f0,w0,o,b10,d2) sack cubic wscale:8,7 rto:280 rtt:79.13/13.515 ato:64 mss:1460 pmtu:90
01 rcvmss:1460 advmss:8961 cwnd:40 bytes_sent:111998 bytes_acked:111998 bytes_received:23661 segs_out:625 segs_in:696 data_segs_out:619 data_segs_in:548 send 5904208bps lastsnd:1178249 lastrcv:1178249 lastack:1178188 pacing_rate 11808304bps delivery_rate 3751880bps delivered:620 busy:17380ms rcv_space:56575 rcv_ssthresh:56575 minrtt:56.313 snd_wnd:64512
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:62801
    timer:(keepalive,78min,0)
        skmem:(r0,rb131072,t0,rb87040,f0,w0,o,b10,d3) sack cubic wscale:8,7 rto:279 rtt:78.411/19.896 ato:60 mss:1460 pmtu:90
001 rcvmss:1460 advmss:8961 cwnd:23 bytes_sent:103714 bytes_acked:103714 bytes_received:38281 segs_out:1574 segs_in:1793 data_segs_out:1566 data_segs_in:1457 send 3426050bps lastsnd:1637125 lastrcv:1637125 lastack:1637017 pacing_rate 6852072bps delivery_rate 2297472bps delivered:1567 busy:45787ms rcv_space:56575 rcv_ssthresh:56575 minrtt:56.907 snd_wnd:65280
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:56049
    timer:(keepalive,43min,0)
```

```
ubuntu@ip-172-31-81-27:~$ ss -t -u -n -m -o -i
Netid      State     Recv-Q      Send-Q           Local Address:Port          Peer Address:Port
Process
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:33149
    timer:(keepalive,62min,0)
        skmem:(r0,rb131072,t0,rb87040,f0,w0,o,b10,d1) sack cubic wscale:8,7 rto:297 rtt:96.192/6.873 ato:62 mss:1460 pmtu:90
01 rcvmss:1460 advmss:8961 cwnd:24 bytes_sent:45742 bytes_acked:45742 bytes_received:38281 segs_out:997 segs_in:1031 data_segs_out:993 data_segs_in:949 send 2914172bps lastsnd:2848911 lastrcv:2848911 lastack:2848794 pacing_rate 5828288bps delivery_rate 1436144bps delivered:994 appLimited busy:30630ms rcv_space:56575 rcv_ssthresh:56575 minrtt:59.465 snd_wnd:64512
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.144.214]:21325
    timer:(keepalive,63min,0)
        skmem:(r0,rb2207016,t0,rb87040,f0,w0,o,b10,d1) sack cubic wscale:8,7 rto:274 rtt:73.358/16.731 ato:56 mss:1460 pmtu:90
001 rcvmss:1460 advmss:8961 cwnd:10 bytes_sent:323826 bytes_retrans:72 bytes_acked:323754 bytes_received:295073 segs_out:826
2 segs_in:9767 data_segs_out:8241 data_segs_in:7753 send 1592192bps lastsnd:2302876 lastrcv:2302876 lastack:2302771 pacing_rate 3184360bps delivery_rate 1754040bps delivered:8242 appLimited busy:221967ms retrans:0/2 dsack_dups:2 rcv_rtt:79652.5 rcv_space:62753 rcv_ssthresh:56575 minrtt:59.465 snd_wnd:64512
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.233.251]:7438
    timer:(keepalive,9min54sec,0)
        skmem:(r0,rb1150036,t0,rb87040,f0,w0,o,b10,d1) sack cubic wscale:8,7 rto:292 rtt:91.217/10.723 ato:63 mss:1460 pmtu:90
0001 rcvmss:1432 advmss:8961 cwnd:12 bytes_sent:103714 bytes_acked:96242 bytes_received:64977 segs_out:1746 segs_in:1942 data_segs_out:1735 data_segs_in:1492 send 1536556bps lastsnd:6534737 lastrcv:6534737 lastack:6534628 pacing_rate 3073080bps delivery_rate 3237096bps delivered:1736 appLimited busy:47371ms rcv_rtt:69083 rcv_space:62781 rcv_ssthresh:56575 minrtt:54.481 snd_wnd:65024
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:49983
    timer:(keepalive,105min,0)
        skmem:(r0,rb131072,t0,rb130560,f0,w0,o,b10,d2) sack cubic wscale:8,7 rto:295 rtt:94.611/5.076 ato:62 mss:1460 pmtu:90
001 rcvmss:1460 advmss:8961 cwnd:67 bytes_sent:151150 bytes_acked:151150 bytes_received:36733 segs_out:990 segs_in:1008 data_segs_out:982 data_segs_in:906 send 8271343bps lastsnd:795592 lastrcv:795592 lastack:795483 pacing_rate 16542680bps delivery_rate 4579832bps delivered:983 busy:28806ms rcv_space:56575 rcv_ssthresh:56575 minrtt:57.98 snd_wnd:130048
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:35475
    timer:(keepalive,98min,0)
        skmem:(r0,rb131072,t0,rb87040,f0,w0,o,b10,d2) sack cubic wscale:8,7 rto:280 rtt:79.13/13.515 ato:64 mss:1460 pmtu:90
01 rcvmss:1460 advmss:8961 cwnd:40 bytes_sent:111998 bytes_acked:111998 bytes_received:23661 segs_out:625 segs_in:696 data_segs_out:619 data_segs_in:548 send 5904208bps lastsnd:1178249 lastrcv:1178249 lastack:1178188 pacing_rate 11808304bps delivery_rate 3751880bps delivered:620 busy:17380ms rcv_space:56575 rcv_ssthresh:56575 minrtt:56.313 snd_wnd:64512
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:62801
    timer:(keepalive,78min,0)
        skmem:(r0,rb131072,t0,rb87040,f0,w0,o,b10,d3) sack cubic wscale:8,7 rto:279 rtt:78.411/19.896 ato:60 mss:1460 pmtu:90
001 rcvmss:1460 advmss:8961 cwnd:23 bytes_sent:103714 bytes_acked:103714 bytes_received:38281 segs_out:1574 segs_in:1793 data_segs_out:1566 data_segs_in:1457 send 3426050bps lastsnd:1637125 lastrcv:1637125 lastack:1637017 pacing_rate 6852072bps delivery_rate 2297472bps delivered:1567 busy:45787ms rcv_space:56575 rcv_ssthresh:56575 minrtt:56.907 snd_wnd:65280
tcp        ESTAB      0          0           [:ffff:172.31.81.27]:22          [::ffff:181.209.151.79]:56049
    timer:(keepalive,43min,0)
```

```

tcp      ESTAB      0      0      [:ffff:172.31.81.27]:22      [::ffff:181.209.151.79]:64641
  timer:(keepalive,34sec,4)
    skmem:(r0,rb131072,t0,tb87040,f0,w0,o0,b10,d1) sack cubic wscale:8,7 rto:284 rtt:83.902/14.508 ato:61 mss:1460 pmtu:9
001 rcvmss:1460 advmss:8961 cwnd:10 bytes_sent:54946 bytes_ackd:54946 bytes_received:25949 segs_out:641 segs_in:772 data_segs
_out:632 data_segs_in:607 send 1392100bps lastsnd:7475145 lastrcv:7475145 lastack:7475038 pacing_rate 2784184bps delivery_rate
3144568bps delivered:633 app_limited busy:19210ms rcv_space:56575 rcv_ssthresh:56575 minrtt:56.824 snd_wnd:65280
tcp      ESTAB      0      300     [:ffff:172.31.81.27]:22      [::ffff:181.174.104.12]:52469
  timer:(on,185ms,0)
    skmem:(r0,rb2150426,t0,tb87040,f3412,w4780,o0,b10,d0) sack cubic wscale:8,7 rto:292 rtt:91.6/2.3 ato:59 mss:1452 pmtu
:9001 rcvmss:1452 advmss:8961 cwnd:10 bytes_sent:212842 bytes_ackd:212542 bytes_received:178109 segs_out:4925 segs_in:5127 da
ta_segs_out:4918 data_segs_in:4586 send 1268122bps lastsnd:1 lastrcv:2 lastack:2 pacing_rate 2536224bps delivery_rate 1737744b
ps delivered:4914 busy:139146ms unacked:5 rcv_rtt:224903 rcv_space:65208 rcv_ssthresh:62383 minrtt:60.976 snd_wnd:64256
tcp      ESTAB      0      0      [:ffff:172.31.81.27]:22      [::ffff:186.151.64.125]:49961
  timer:(keepalive,62min,0)
    skmem:(r0,rb2148890,t0,tb46080,f0,w0,o0,b10,d1) ts sack cubic wscale:6,7 rto:265 rtt:64.354/4.216 ato:41 mss:1311 pmt
u:9001 rcvmss:1311 advmss:8949 cwnd:10 ssthresh:13 bytes_sent:324383 bytes_retrans:1461 bytes_ackd:322922 bytes_received:2621
45 segs_out:7201 segs_in:12864 data_segs_out:7159 data_segs_in:6437 send 1629736bps lastsnd:2079598 lastrcv:2079598 lastack:20
79531 pacing_rate 1955664bps delivery_rate 3141648bps delivered:7154 app_limited busy:141894ms retrans:0/6 dsack_dups:2 rcv_rt
t:75260.5 rcv_space:62753 rcv_ssthresh:231337 minrtt:56.302 snd_wnd:130880
ubuntu@ip-172-31-81-27:/$

```

Donde:

- s → Muestra el resumen de conexiones.
- n → Muestra puertos en formato numérico.
- t → Filtra conexiones TCP.
- u → Filtra conexiones UDP.
- m → Muestra el uso de memoria.
- o → Muestra información adicional de TCP.
- i → Muestra el proceso que usa el socket.