.
.

nload

RHEL :

```
Device enp1s0 [192.168.0.18] (1/2):
=====================================================================
Incoming:




                                        Curr: 4.26 kBit/s
                                        Avg: 9.86 kBit/s
                                        Min: 3.84 kBit/s
                                        Max: 20.77 kBit/s
                                        Ttl: 7.05 GByte
Outgoing:




                                        Curr: 9.32 kBit/s
                                        Avg: 9.86 kBit/s
                                        Min: 3.80 kBit/s
                                        Max: 18.21 kBit/s
                                        Ttl: 6.65 GByte
```

iftop

RHEL :

```
                12.5Kb           25.0Kb          37.5Kb              50.0Kb      62.5Kb

sni                        => 192.168.0.15              2.26Kb  1.69Kb  1.69Kb
                           <=                           2.38Kb  1.78Kb  1.78Kb
sni                        => 192.168.0.2               2.66Kb  2.67Kb  2.67Kb
                           <=                            368b    368b    368b
sni                        => one.one.one.one           1.65Kb   846b    846b
                           <=                           1.99Kb  0.99Kb  0.99Kb
239.255.255.250            => 192.168.0.26                 0b      0b      0b
                           <=                            516b    258b    258b




TX:            cum:   2.60KB   peak:   6.56Kb  rates:   6.57Kb  5.19Kb  5.19Kb
RX:                   1.69KB           5.23Kb           5.23Kb  3.39Kb  3.39Kb
TOTAL:                4.29KB           11.8Kb           11.8Kb  8.58Kb  8.58Kb
```

bmon

RHEL :

```
 lo                                                                              bmon 4.0
Interfaces                  RX bps      pps      %  TX bps      pps      %
  lo                             0        0          0        0
     qdisc none (noqueue)        0        0          0        0
  enp1s0                    2.80KiB       39          2.92KiB      45
     qdisc none (fq_codel)       0        0          2.92KiB      45

                    (RX Bytes/second)                              (TX Bytes/second)
      0.00 ..........................................    0.00 ..........................................
      0.00 ..........................................    0.00 ..........................................
      0.00 ..........................................    0.00 ..........................................
      0.00 ..........................................    0.00 ..........................................
      0.00 ..........................................    0.00 ..........................................
      0.00 ..........................................    0.00 ..........................................
          1  5  10  15  20  25  30  35  40  45  50  55  60       1  5  10  15  20  25  30  35  40  45  50  55  60

                 RX       TX                     RX      TX                    RX      TX
 Bytes          440B     440B   Packets           5       5    Abort Error      -       0
 Carrier Error    -       0     Collisions        -       0    Compressed       0       0
 CRC Error        0       -     Dropped           0       0    Errors           0       0
 FIFO Error       0       0     Frame Error       0       -    Heartbeat Erro   -       0
 ICMPv6           0       0     ICMPv6 Checksu    0       -    ICMPv6 Errors    0       0
 Ip6 Address Er   0       -     Ip6 Broadcast     0       0    Ip6 Broadcast    0       0
 Ip6 CE Packets   0       -     Ip6 Checksum E    0       -    Ip6 Delivers     0       -
 Ip6 ECT(0) Pac   0       -     Ip6 ECT(1) Pac    0       -    Ip6 Forwarded    -       0
 Ip6 Header Err   0       -     Ip6 Multicast     0       0    Ip6 Multicast    0       0
 Ip6 No Route     3       0     Ip6 Non-ECT Pa    0       -    Ip6 Reasm/Frag   0       0
 Ip6 Reasm/Frag   0       0     Ip6 Reasm/Frag    0       0    Ip6 Reassembly   0       -
 Ip6 Too Big Er   0       -     Ip6 Truncated     0       -    Ip6 Unknown Pr   0       -
 Ip6Discards      0       0     Ip6Octets         0       0    Ip6Pkts          0       0
 Length Error     0       -     Missed Error      0       -    Multicast        -       0
 No Handler       0       -     Over Error        0       -    Window Error     -       0

 MTU                    65536   Flags      loopback,up,running,lo  Operstate              unknown
 IfIndex                    1   Address       00:00:00:00:00:00    Broadcast     00:00:00:00:00:00
 Mode                 default   TXQlen                     1000    Family                 unspec
 Alias                          Qdisc                   noqueue
 Mon Dec 30 21:40:07 2024                                                       Press ? for help
```

nethogs

RHEL :   .   .

```
NetHogs version 0.8.5

    PID USER    PROGRAM                                  DEV      SENT        RECEIVED
 160807 traffi.. /usr/bin/traffic_server                enp1s0   0.570       0.585 KB/sec
      ? root    192.168.0.18:10050-192.168.0.15:42232            0.350       0.363 KB/sec
 172777 root    sshd: root@pts/0                        enp1s0   0.155       0.047 KB/sec
      ? root    unknown TCP                                      0.000       0.000 KB/sec

  TOTAL                                                          1.074       0.995 KB/sec
```

vnstat

RHEL :   DB   .

```
[root@sni ~]# vnstat
Database updated: 2024-12-30 21:41:40

   enp1s0 since 2024-12-30

        rx:  150 B      tx:  90 B      total:  240 B

   monthly
                     rx      |      tx      |     total    |   avg. rate
          ----------------------+-------------+-------------+--------------
            2024-12         150 B ¦         90 B ¦         240 B ¦        0 bit/s
          ----------------------+-------------+-------------+--------------
          estimated        --    |     --    |     --    |

   daily
                     rx      |      tx      |     total    |   avg. rate
          ----------------------+-------------+-------------+--------------
            today          150 B ¦         90 B ¦         240 B ¦        0 bit/s
          ----------------------+-------------+-------------+--------------
          estimated        --    |     --    |     --    |
[root@sni ~]# vnstat -l
Monitoring enp1s0...    (press CTRL-C to stop)

   rx:     5.85 kbit/s      9 p/s        tx:     4.97 kbit/s      8 p/s
```

iptraf-ng

RHEL :   TUI

```
iptraf-ng 1.2.1
 TCP Connections (Source Host:Port) ──────────── Packets ─────── Bytes   Flag   Iface ──
 192.168.0.18:22                              >       80     23712   -PA-   enp1s0
 192.168.0.2:3883                             >       78      3618   --A-   enp1s0
 192.168.0.2:4695                             =       15      3703   DONE   enp1s0
 192.168.0.18:8080                            =       14      9944   -PA-   enp1s0
 192.168.0.18:48346                           =       16      3656   CLOS   enp1s0
 142.250.206.202:443                          =       16     10119   CLOS   enp1s0




 TCP:      3 entries ──────────────────────────────────────────────────    Active ──

 UDP (129 bytes) from 192.168.0.26:53292 to 239.255.255.250:1900 on enp1s0
 UDP (73 bytes) from 192.168.0.18:46850 to 8.8.8.8:53 on enp1s0
 UDP (89 bytes) from 8.8.8.8:53 to 192.168.0.18:46850 on enp1s0
 UDP (49 bytes) from 192.168.0.26:43226 to 192.168.0.255:32412 on enp1s0
 UDP (49 bytes) from 192.168.0.26:51860 to 192.168.0.255:32414 on enp1s0




 Top ──────── Time:   0:00 ──────── Drops:      0 ──────────────────
 Packets captured:                     238  │ TCP flow rate:       36.93 kbps
 Up/Dn/PgUp/PgDn-scroll   M-more TCP info   W-chg actv win   S-sort TCP   X-exit
```