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Last
update:
2024/12/30
12:49

네
트
위
크
상
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니
터
링
툴

https://atl.kr/dokuwiki/doku.php/%EB%84%A4%ED%8A%B8%EC%9B%8C%ED%81%AC_%EC%83%81%ED%83%9C_%EB%AA%A8%EB%8B%88%ED%84%B0%EB%A7%81_%ED%88%B4?rev=1735562957

네트워크 상태 모니터링 툴

nload

RHEL : 기본패키지 실시간 모니터링

```
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:

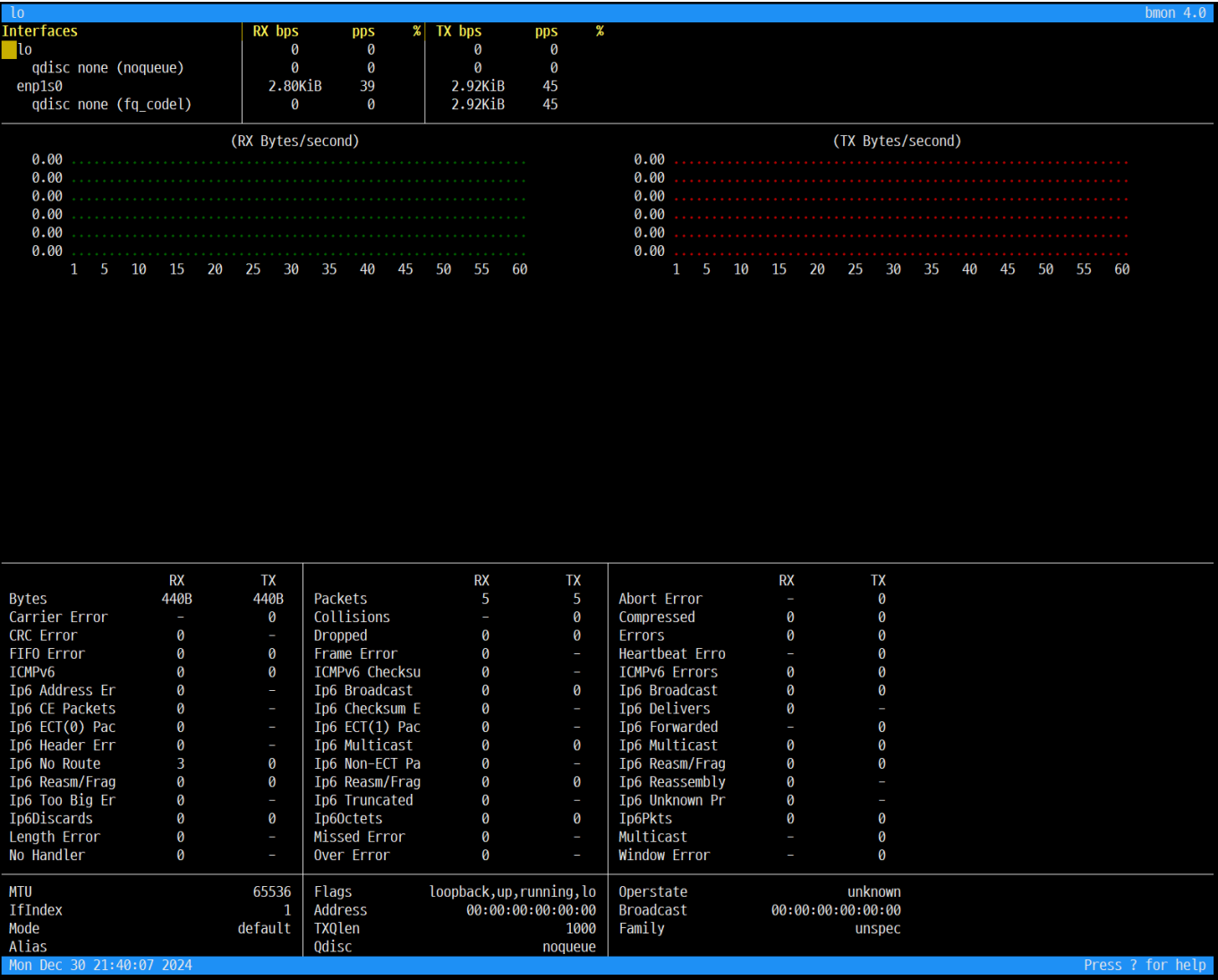
                                Curr: 9.32 kBit/s
                                Avg: 9.86 kBit/s
                                Min: 3.80 kBit/s
                                Max: 18.21 kBit/s
                                Ttl: 6.65 GByte
```

iftop

RHEL : 기본패키지 실시간 모니터링

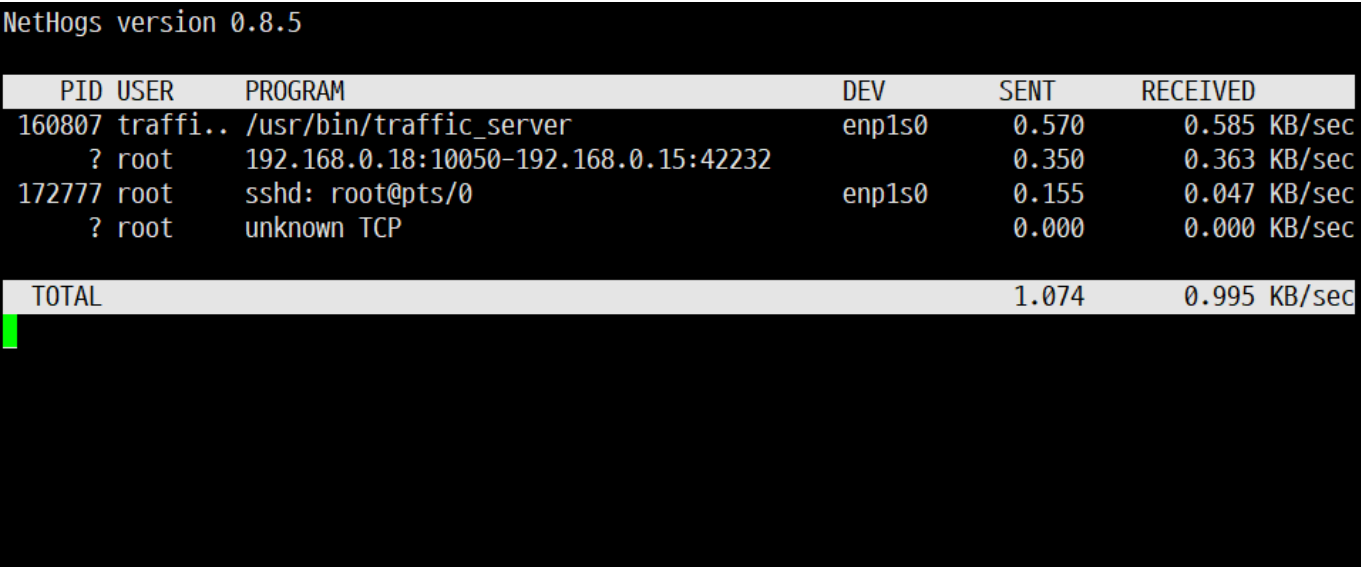
bmon

<https://atl.kr/dokuwiki/>



nethogs

RHEL : 기본패키지 실시간 모니터링. 프로세스별로 사용량을 보여준다.



vnstat

RHEL : 기본패키지 데몬으로 실행되며 장기간 데이터를 DB에 저장하여 보여준다. 장기간 모니터링이 필요한경우 사용

```
[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 : 기본패키지 TUI 그래픽형태로 비주얼하게 보여주는 실시간 모니터링 툴

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