

# MTR -

MTR — , - , traceroute ping . , traceroute, mtr , .  
 , mtr , traceroute: , - .

## MTR?

mtr . mtr (, .) , ( ICMP ECHO) , .

mtr , .

Linux .

mtr , Linux, :

```
$ sudo apt install mtr
$ sudo yum install mtr
$ sudo dnf install mtr
```

mtr IP- , [google.com](https://www.google.com) 216.58.223.78. traceroute, , ( q Ctrl + C).

```
$ mtr google.com
OR
$ mtr 216.58.223.78
Start: Thu Jun 28 12:10:13 2018
HOST: TecMint Loss% Snt Last Avg Best Wrst StDev
1. | -- 192.168.0.1 0.0% 5 0.3 0.3 0.3 0.4 0.0
2. | -- 5.5.5.211 0.0% 5 0.7 0.9 0.7 1.3 0.0
3. | -- 209.snat-111-91-120.hns.n 80.0% 5 7.1 7.1 7.1 7.1 0.0
4. | -- 72.14.194.226 0.0% 5 1.9 2.9 1.9 4.4 1.1
5. | -- 108.170.248.161 0.0% 5 2.9 3.5 2.0 4.3 0.7
6. | -- 216.239.62.237 0.0% 5 3.0 6.2 2.9 18.3 6.7
7. | -- bom05sl2-in-f14.1e100.net 0.0% 5 2.1 2.4 2.0 3.8 0.5
```

mtr , -c. Snt, , , .

```
$ mtr -c5 google.com
```

mtr -r, . -c, . std, .

```
$ mtr -r -c 5 google.com> mtr-report
```

-w .

```
$ mtr -rw -c 5 google.com> mtr-report
```

TCP SYN- UDP- ICMP-, :

```
$ mtr --tcp test.com $ mtr --udp test.com
```

, , -s.

```
$ mtr -r -s PACKETSIZE -c 5 google.com> mtr-report
```

.

```
$ man mtr
```

