

File Edit View Search Terminal Help

```
akhil@akhil-VirtualBox:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.0.2.15  netmask 255.255.255.0  broadcast 10.0.2.255
    inet6 fe80::4d87:d1d0:de68:a18a  prefixlen 64  scopeid 0x20<link>
    ether 08:00:27:fb:3e:7a  txqueuelen 1000  (Ethernet)
    RX packets 32242  bytes 28333249 (28.3 MB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 14038  bytes 1688893 (1.6 MB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0
```

```
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
    inet 127.0.0.1  netmask 255.0.0.0
    inet6 ::1  prefixlen 128  scopeid 0x10<host>
    loop txqueuelen 1000  (Local Loopback)
    RX packets 3742  bytes 374633 (374.6 KB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 3742  bytes 374633 (374.6 KB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0
```

```
akhil@akhil-VirtualBox:~$ date
```

```
Sun Dec 30 19:26:36 IST 2018
```

```
akhil@akhil-VirtualBox:~$
```

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akhil@akhil-VirtualBox:~\$ date

Sun Dec 30 19:36:45 IST 2018

akhil@akhil-VirtualBox:~\$ traceroute -I google.com

traceroute to google.com (216.58.197.46), 64 hops max

```
1  10.0.2.2  0.419ms  0.381ms  0.448ms
2  192.168.43.1  3.619ms  3.955ms  3.634ms
3  * * *
4  10.72.51.2  54.709ms  29.588ms  39.715ms
5  * * *
6  172.25.8.164  36.296ms  29.040ms  29.989ms
7  * * *
8  * * *
9  * * *
10 74.125.48.26  56.479ms  49.004ms  328.682ms
11 108.170.253.113  156.266ms  63.483ms  40.425ms
12 108.170.234.107  47.171ms  69.597ms  50.831ms
13 216.58.197.46  211.743ms  57.098ms  49.459ms
```

akhil@akhil-VirtualBox:~\$ traceroute -I yahoo.com

traceroute to yahoo.com (72.30.35.10), 64 hops max

```
1  10.0.2.2  0.503ms  0.549ms  0.359ms
2  192.168.43.1  4.315ms  4.490ms  3.197ms
3  * * *
4  10.72.51.2  59.029ms  53.524ms  34.729ms
5  * * *
6  172.25.8.164  60.874ms  29.901ms  39.662ms
7  * * *
8  * * *
9  * * *
10 49.45.4.251  95.596ms  48.479ms  49.673ms
11 103.198.140.41  379.077ms  614.567ms  408.326ms
12 206.130.10.49  614.112ms  614.737ms  613.114ms
13 216.115.111.30  614.025ms  410.315ms  613.370ms
```

akhil@akhil-VirtualBox: ~

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akhil@akhil-VirtualBox:~\$ nc -l -p 1976

hii

hii client

hii server

good to chat lik this

yeah that too without internet

hahah netcat helped us to do that

yeahhh.... have fun server

yup.. byeybye clinet

gudbye

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File Edit View Search Terminal Help

akhil@akhil-VirtualBox:~\$ nc localhost 1976

hii

hii client

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^C

akhil@akhil-VirtualBox:~\$ date

Sun Dec 30 19:48:45 IST 2018

akhil@akhil-VirtualBox:~\$