

```

root@ubuntu-vdk-bur:~# nc -vn 104.248.150.103 7777
Connection to 104.248.150.103 7777 port [tcp/*] succeeded!
Hi
Hello
Success!
Bye-Bye!
^C
root@ubuntu-vdk-bur:~# nc -vn 104.248.150.103 7777
nc: connect to 104.248.150.103 port 7777 (tcp) failed: Connection refused
root@ubuntu-vdk-bur:~# nc -vn 104.248.150.103 7777
Connection to 104.248.150.103 7777 port [tcp/*] succeeded!
^C
root@ubuntu-vdk-bur:~# nc -lp 7777
^C
root@ubuntu-vdk-bur:~# ufw status
Status: active

To Action From
--
OpenSSH ALLOW Anywhere
Apache ALLOW Anywhere
OpenSSH (v6) ALLOW Anywhere (v6)
Apache (v6) ALLOW Anywhere (v6)

root@ubuntu-vdk-bur:~# ufw allow from 104.248.150.103
Rule added
root@ubuntu-vdk-bur:~# nc -lp 7777
Hi!
Hello;)
WWho is it?
Anybody?
owowowowowowowowowowowowowowowoIt is IIIt is Matvey
Ok
Bye!
^C
root@ubuntu-vdk-bur:~# █

```

---

```

root@ubuntu-vdk-bur:~# wget -O smth 104.248.150.103:8000
--2021-10-07 06:03:16-- http://104.248.150.103:8000/
Connecting to 104.248.150.103:8000... connected.
HTTP request sent, awaiting response... 200 No headers, assuming HTTP/0.9
Length: unspecified
Saving to: 'smth'

smth [<=> 4 --.-KB/s
smth [<=> 4 --.-KB/s
smth [<=> 4 --.-KB/s
C
root@ubuntu-vdk-bur:~# nc -lp 8000
GET / HTTP/1.1
User-Agent: Wget/1.20.3 (linux-gnu)
Accept: */*
Accept-Encoding: identity
Host: 161.35.69.228:8000
Connection: Keep-Alive

Hello!
^C

```

```
root@ubuntu-vdk-bur:~# curl 104.248.150.103:8000
curl: (1) Received HTTP/0.9 when not allowed
```

```
root@ubuntu-vdk-bur:~# nc -lp 8000
Hello!
GET / HTTP/1.1
Host: 161.35.69.228:8000
User-Agent: curl/7.68.0
Accept: */*
```

```
root@ubuntu-vdk-bur:~# █
```

```
root@ubuntu-vdk-bur:~# telnet 104.248.150.103 8000
Trying 104.248.150.103...
Connected to 104.248.150.103.
Escape character is '^]'.
Hello again
Hi!
How are you&
Perfect
And you?
I know, you are great
I'm good
Fine, Bye!
^]
telnet> ^C^C
^CHow to exit?(
^]
telnet> ^]^^^C^[
?Invalid command
telnet> exit
?Invalid command
telnet> ^[
?Invalid command
telnet> ^]
?Invalid command
telnet>quit
?Invalid command
telnet> quit
Connection closed.
```

```
root@ubuntu-vdk-bur:~# nc -lp 8000
Hey!
Are you again there?!
Please, go out!
GoodbyeOkey
```

```
root@ubuntu-vdk-bur:~# █
```

```
root@ubuntu-vdk-bur:~# ip -br a show
lo                UNKNOWN          127.0.0.1/8 ::1/128
eth0              UP                161.35.69.228/20 10.19.0.5/16 fe80::b0d4:53ff:
fed9:bd49/64
eth1              UP                10.114.0.2/20 fe80::6066:1aff:fe92:7927/64
root@ubuntu-vdk-bur:~# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 161.35.69.228 netmask 255.255.240.0 broadcast 161.35.79.255
    inet6 fe80::b0d4:53ff:fed9:bd49 prefixlen 64 scopeid 0x20<link>
    ether b2:d4:53:d9:bd:49 txqueuelen 1000 (Ethernet)
    RX packets 1132740 bytes 614711553 (614.7 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1246095 bytes 195957818 (195.9 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.114.0.2 netmask 255.255.240.0 broadcast 10.114.15.255
    inet6 fe80::6066:1aff:fe92:7927 prefixlen 64 scopeid 0x20<link>
    ether 62:66:1a:92:79:27 txqueuelen 1000 (Ethernet)
    RX packets 509 bytes 35706 (35.7 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 531 bytes 37306 (37.3 KB)
    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 4591 bytes 477042 (477.0 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4591 bytes 477042 (477.0 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```

root@ubuntu-vdk-bur:~# traceroute dvfu.ru
traceroute to dvfu.ru (62.76.6.35), 30 hops max, 60 byte packets
 1 * * *
 2 10.68.132.3 (10.68.132.3) 0.830 ms 10.68.130.39 (10.68.130.39) 1.010 ms
10.68.131.29 (10.68.131.29) 0.994 ms
 3 138.197.249.52 (138.197.249.52) 1.562 ms 138.197.249.58 (138.197.249.58)
1.234 ms 138.197.249.62 (138.197.249.62) 3.088 ms
 4 138.197.250.143 (138.197.250.143) 0.768 ms 138.197.250.139 (138.197.250.1
39) 1.008 ms 0.736 ms
 5 frkt-ar2.intl.ip.rostelecom.ru (80.81.194.31) 1.539 ms 1.523 ms 1.507 m
s
 6 95.167.37.37 (95.167.37.37) 153.610 ms 188.254.25.73 (188.254.25.73) 164
.531 ms 163.857 ms
 7 87.226.142.58 (87.226.142.58) 163.571 ms 212.122.0.41 (212.122.0.41) 153
.705 ms 159.774 ms
 8 * * *
 9 * * *
10 212.122.5.226 (212.122.5.226) 162.232 ms 163.281 ms 160.120 ms
11 * * *
12 * * *
13 * * *
14 * * *
15 * * *
16 * * *
17 * * *
18 * * *
19 * * *
20 *^C

```

```

root@ubuntu-vdk-bur:~# dig dvfu.ru mx
; <<>> DiG 9.16.1-Ubuntu <<>> dvfu.ru mx
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 6396
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags;; udp: 65494
;; QUESTION SECTION:
;dvfu.ru.                IN      MX

;; ANSWER SECTION:
dvfu.ru.                 2976    IN      MX      0 dvfu-ru.mail.protection.outlook.com.

;; Query time: 0 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Thu Oct 07 06:37:10 UTC 2021
;; MSG SIZE rcvd: 87

root@ubuntu-vdk-bur:~# █

```

```
root@ubuntu-vdk-bur:~# nslookup -type=mx dvfu.ru
Server:          127.0.0.53
Address:         127.0.0.53#53

Non-authoritative answer:
dvfu.ru mail exchanger = 0 dvfu-ru.mail.protection.outlook.com.

Authoritative answers can be found from:

root@ubuntu-vdk-bur:~#
```