

```
~$ ip -4 address show scope global
```

```
2: enp0s25: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group  
default qlen 1000
```

```
inet 10.5.5.55/24 brd 10.5.5.255 scope global enp0s25  
valid_lft forever preferred_lft forever
```

Yes, this your address and it have a range. Excuse me?

/24 means you have 8 bits of to address hosts. So 256. Also, you have

```
~$ ip -4 route show
```

```
10.5.5.0/24 dev enp0s25 proto kernel scope link src 10.5.5.55 metric 100
```

```
169.254.0.0/16 dev enp0s25 scope link metric 1000
```

the network number and broadcast number.

```
~$ cat /etc/resolv.conf
```

```
# Dynamic resolv.conf(5) file for glibc resolver(3) generated by resolvconf(8)
```

```
# DO NOT EDIT THIS FILE BY HAND -- YOUR CHANGES WILL BE OVERWRITTEN
```

```
$ ping -c 3 10.5.5.55
```

```
PING 10.5.5.55 (10.5.5.55) 56(84) bytes of data.
```

```
64 bytes from 10.5.5.55: icmp_seq=1 ttl=64 time=0.032 ms
```

```
64 bytes from 10.5.5.55: icmp_seq=2 ttl=64 time=0.032 ms
```

```
64 bytes from 10.5.5.55: icmp_seq=3 ttl=64 time=0.030 ms
```

Network: 10.5.5.0

Broadcast: 10.5.5.255

Hosts: 10.5.5.1 -> 10.5.5.254

```
--- 10.5.5.55 ping statistics ---
```

```
3 packets transmitted, 3 received, 0% packet loss, time 1998ms
```

```
rtt min/avg/max/mdev = 0.030/0.031/0.032/0.004 ms
```

Maybe try running traceroute to a know address.

```
$ ping -c 3 10.5.0.1
```

```
connect: Network is unreachable
```

\$ traceroute www.pudim.com.br  
The first address may be your gateway.

```
$ ping -c 3 10.13.0.1
```

```
connect: Network is unreachable
```

Hope it helps!

```
$ telnet 10.5.5.55
```

```
Trying 10.5.5.55...
```

```
telnet: Unable to connect to remote host: Connection refused
```

```
$ ssh root@10.5.0.1
```

```
ssh: connect to host 10.5.0.1 port 22: Network is unreachable
```

```
$ telnet 10.5.0.1
```

```
Trying 10.5.0.1...
```

```
telnet: Unable to connect to remote host: Network is unreachable
```