

```
~$ 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
```

```
~$ 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
```

```
~$ 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
```

```
--- 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
```

```
$ ping -c 3 10.5.0.1
connect: Network is unreachable
```

```
$ ping -c 3 10.13.0.1
connect: Network is unreachable
```

```
$ 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
```