Ping Linux (192.168.50.100):

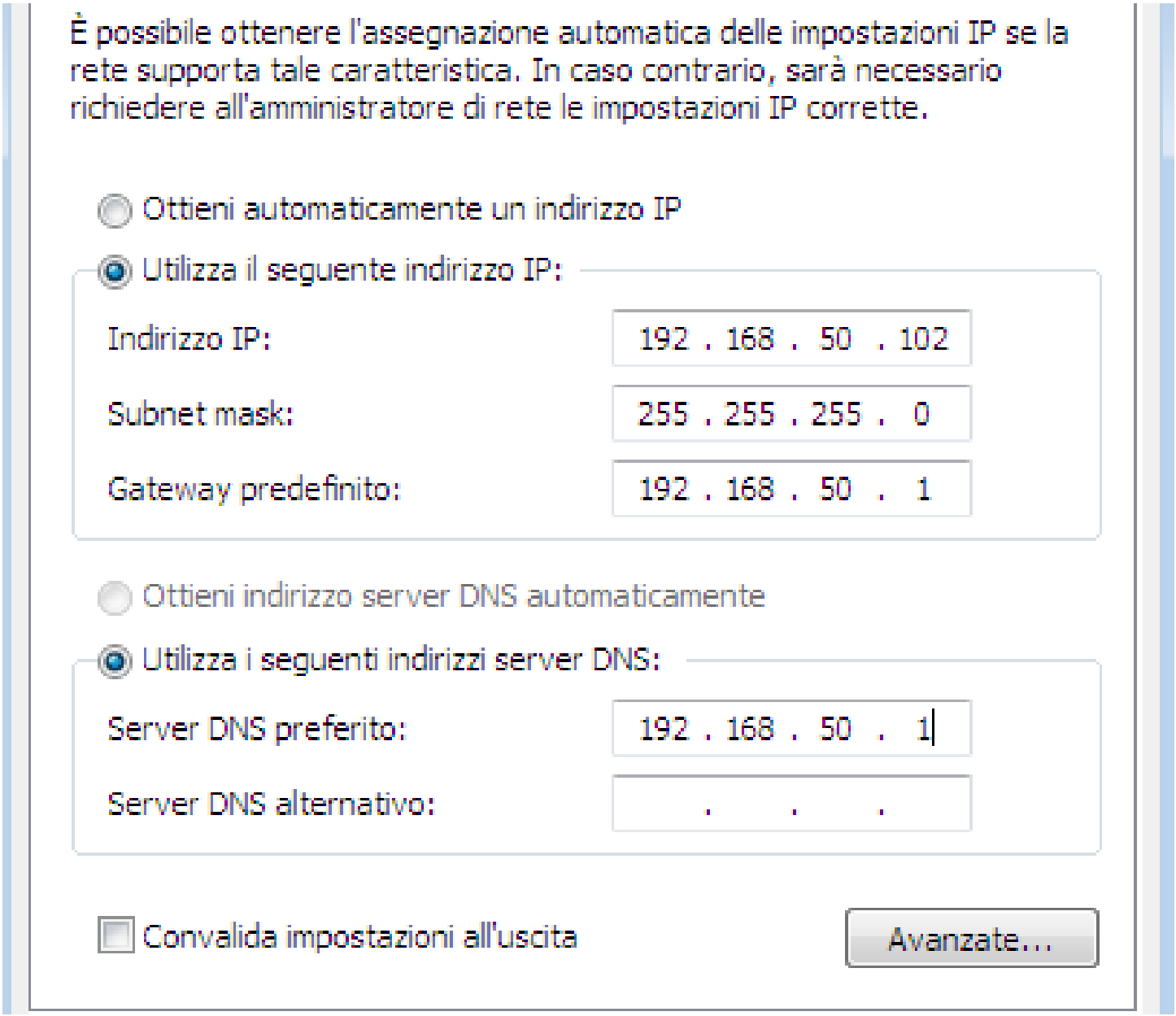
```
┌──(kali㉿kali)-[~]
└─$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:1e:36:4a brd ff:ff:ff:ff:ff:ff
    inet 192.168.50.100/24 brd 192.168.50.255 scope global eth0
       valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fe1e:364a/64 scope link proto kernel_ll
       valid_lft forever preferred_lft forever
```

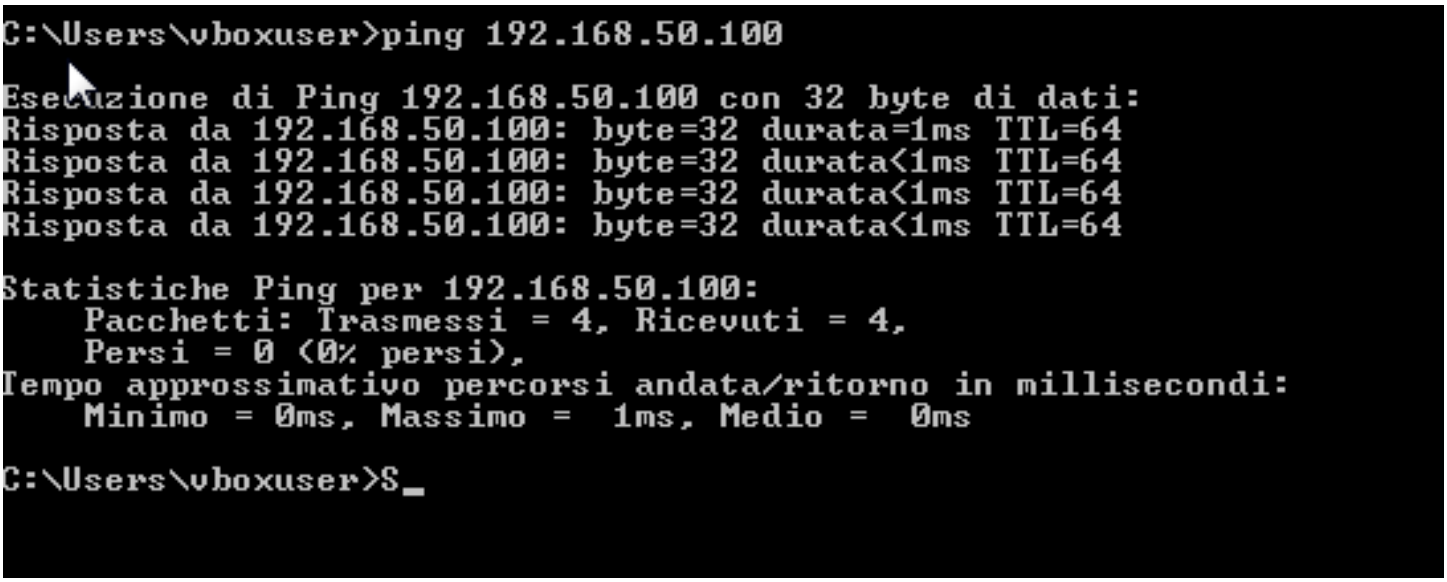
```
┌──(kali㉿kali)-[~]
└─$ ping 192.168.50.100
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data.
64 bytes from 192.168.50.100: icmp_seq=1 ttl=64 time=0.021 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.036 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.034 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.033 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.033 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.033 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=0.035 ms
64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=0.034 ms
64 bytes from 192.168.50.100: icmp_seq=9 ttl=64 time=0.028 ms
```

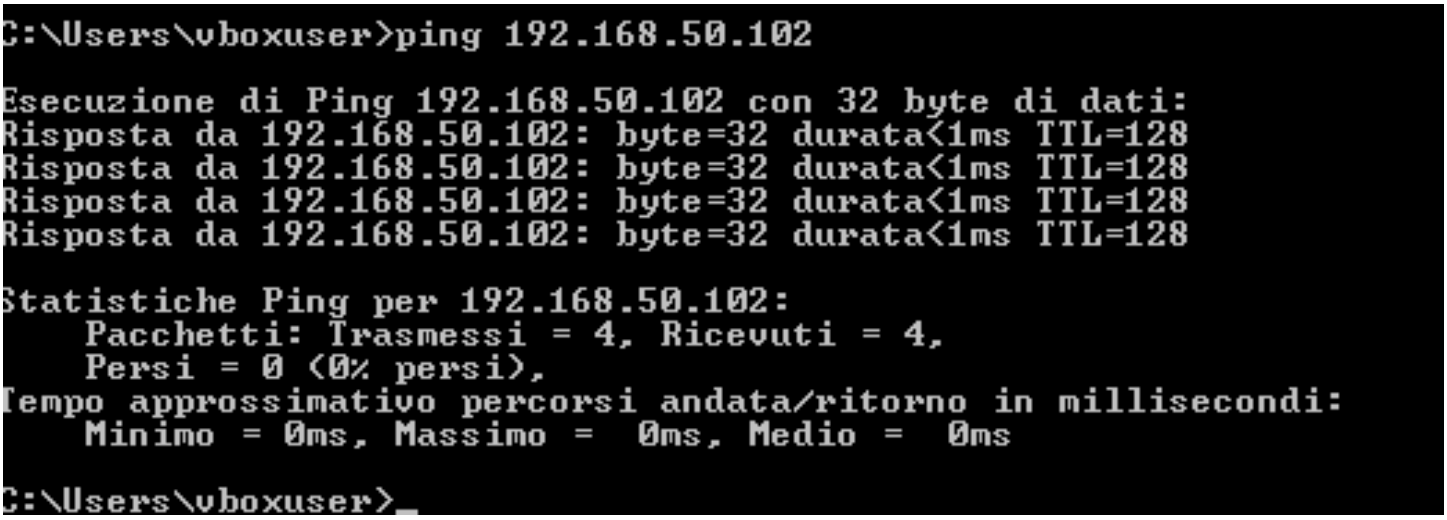
```
┌──(kali㉿kali)-[~]
└─$ ping 192.168.50.101
PING 192.168.50.101 (192.168.50.101) 56(84) bytes of data.
64 bytes from 192.168.50.101: icmp_seq=1 ttl=64 time=0.941 ms
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.894 ms
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=15.2 ms
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.775 ms
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.856 ms
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=2.22 ms
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=17.3 ms
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=15.5 ms
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=1.03 ms
```

```
┌──(kali㉿kali)-[~]
└─$ ping 192.168.50.102
PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.
64 bytes from 192.168.50.102: icmp_seq=1 ttl=128 time=1.19 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.603 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.611 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.606 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.647 ms
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=0.608 ms
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=0.618 ms
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=0.675 ms
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.630 ms
^Z
```

Ping Windows (192.168.50.102):







Ping Metaspoitable (192.168.50.101):

```
msfadmin@metasploitable:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 08:00:27:aa:f9:5a brd ff:ff:ff:ff:ff:ff
    inet 192.168.50.101/24 brd 192.168.50.255 scope global eth0
    inet6 fe80::a00:27ff:feaa:f95a/64 scope link
       valid_lft forever preferred_lft forever
msfadmin@metasploitable:~$ _
```

```
msfadmin@metasploitable:~$ ping 192.168.50.100
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data.
64 bytes from 192.168.50.100: icmp_seq=1 ttl=64 time=0.961 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=1.20 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.863 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.731 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.866 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.787 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=0.779 ms
```

```
msfadmin@metasploitable:~$ ping 192.168.50.101
PING 192.168.50.101 (192.168.50.101) 56(84) bytes of data.
64 bytes from 192.168.50.101: icmp_seq=1 ttl=64 time=0.067 ms
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.065 ms
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.068 ms
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.074 ms
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.066 ms
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=0.064 ms
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.062 ms
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=0.063 ms
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=0.064 ms
```

```
msfadmin@metasploitable:~$ ping 192.168.50.102
PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.
64 bytes from 192.168.50.102: icmp_seq=1 ttl=128 time=21.3 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.515 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.398 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.772 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.809 ms
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=0.759 ms
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=0.754 ms
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=0.735 ms
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.763 ms
```