

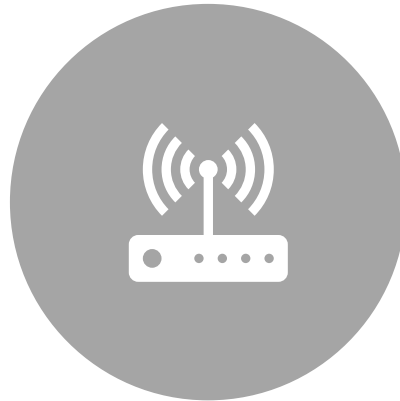
Configurazione Laboratorio Virtuale VirtualBox

Windows 7
Metasploitable
Kali Linux

ASSEGNAZIONE INDIRIZZI IP STATICI



KALI LINUX :
192.168.50.100



METASPLOITABLE :
192.168.50.101

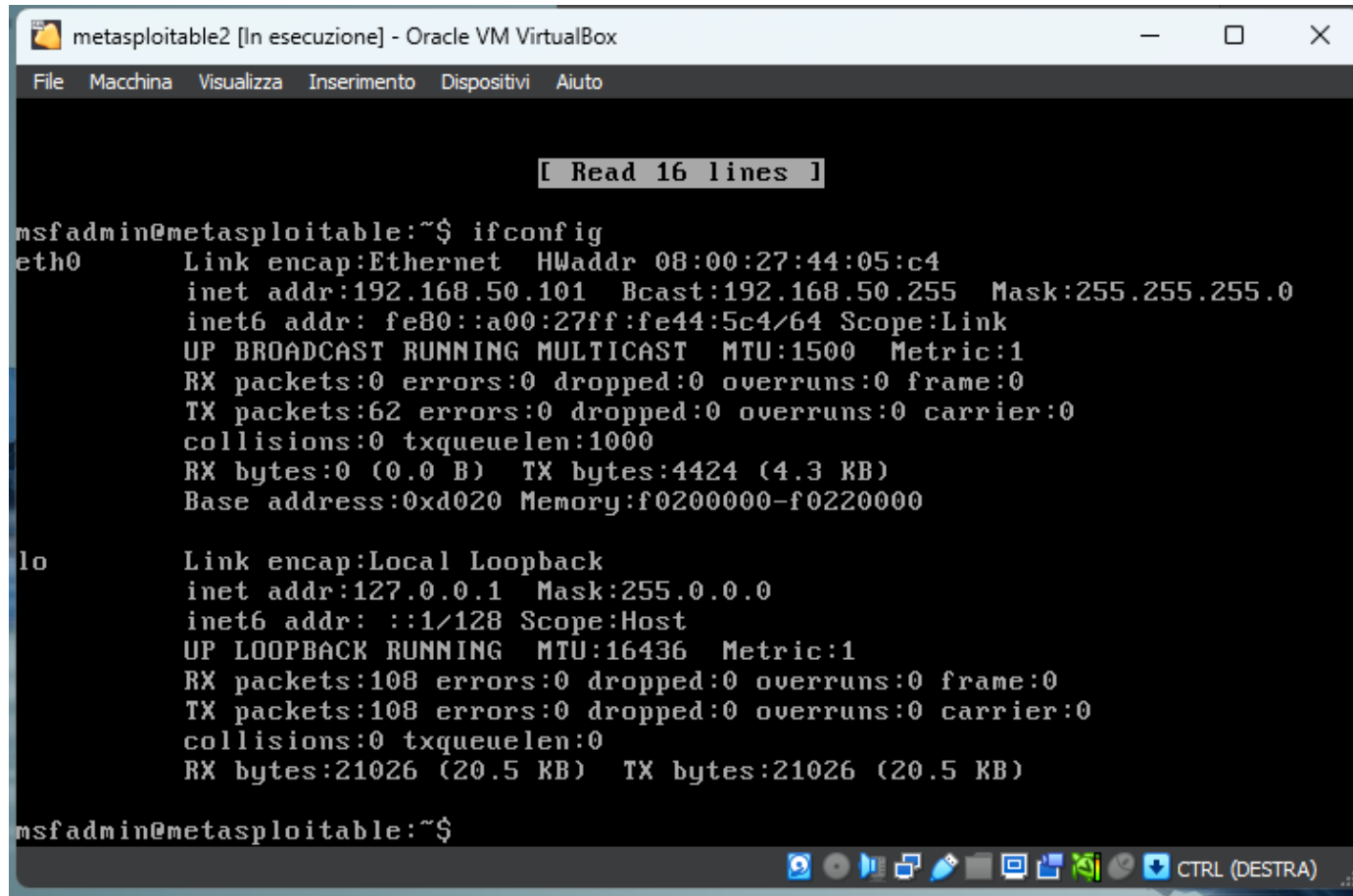


WINDOWS 7 :
192.168.50.102

VERIFICA CONFIGURAZIONE KALI LINUX

```
kali@kali: ~  
File Actions Edit View Help  
roup default qlen 1000  
link/ether 08:00:27:cb:7e:f5 brd ff:ff:ff:ff:ff:ff  
inet 192.168.50.100/24 brd 192.168.50.255 scope global noprefixroute eth0  
valid_lft forever preferred_lft forever  
  
(kali@kali)-[~]  
$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
inet 192.168.50.100 netmask 255.255.255.0 broadcast 192.168.50.255  
ether 08:00:27:cb:7e:f5 txqueuelen 1000 (Ethernet)  
RX packets 2 bytes 684 (684.0 B)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 8 bytes 1658 (1.6 KiB)  
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 4 bytes 240 (240.0 B)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 4 bytes 240 (240.0 B)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
(kali@kali)-[~]  
$ ss
```

VERIFICA CONFIGURAZIONE METASPLOITABLE



```
metasploitable2 [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto

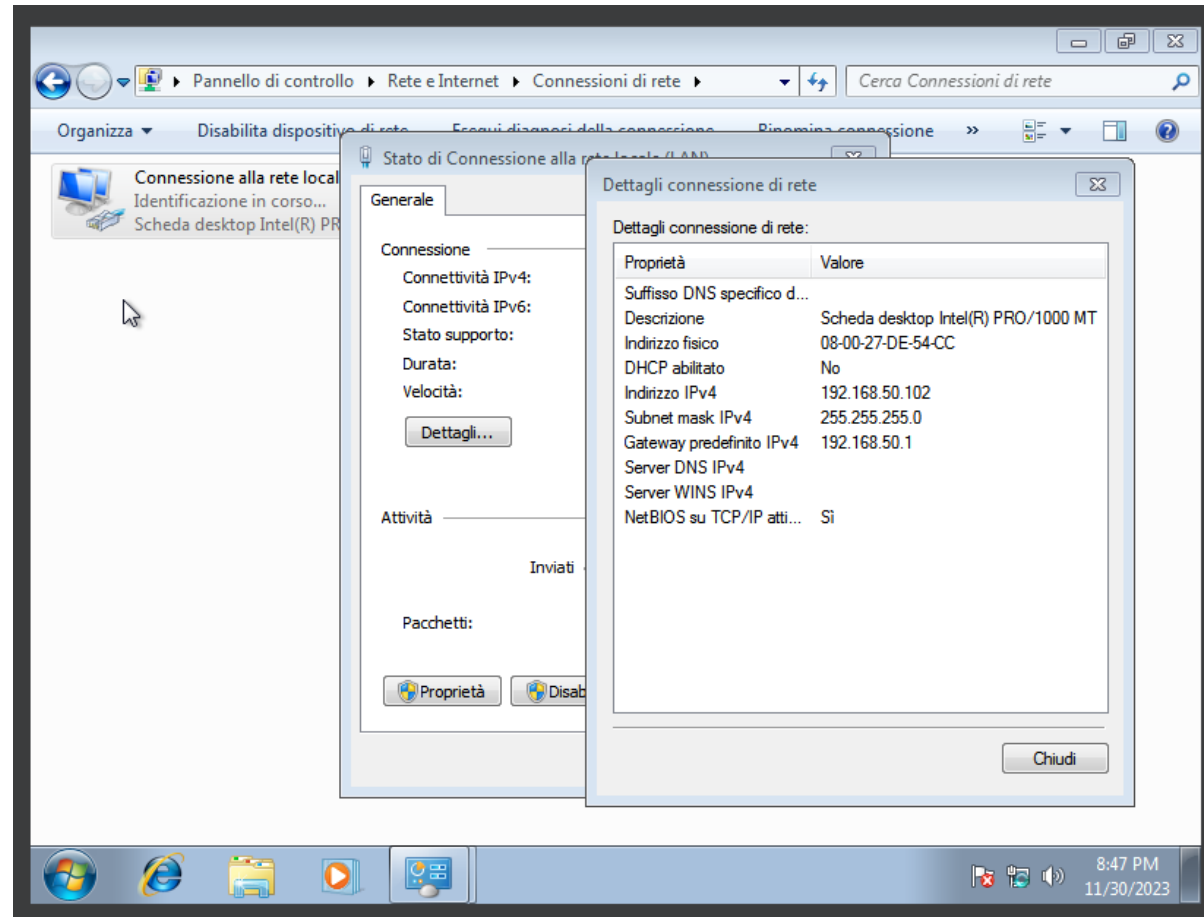
[ Read 16 lines ]

msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:44:05:c4
          inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe44:5c4/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:62 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:4424 (4.3 KB)
          Base address:0xd020  Memory:f0200000-f0220000

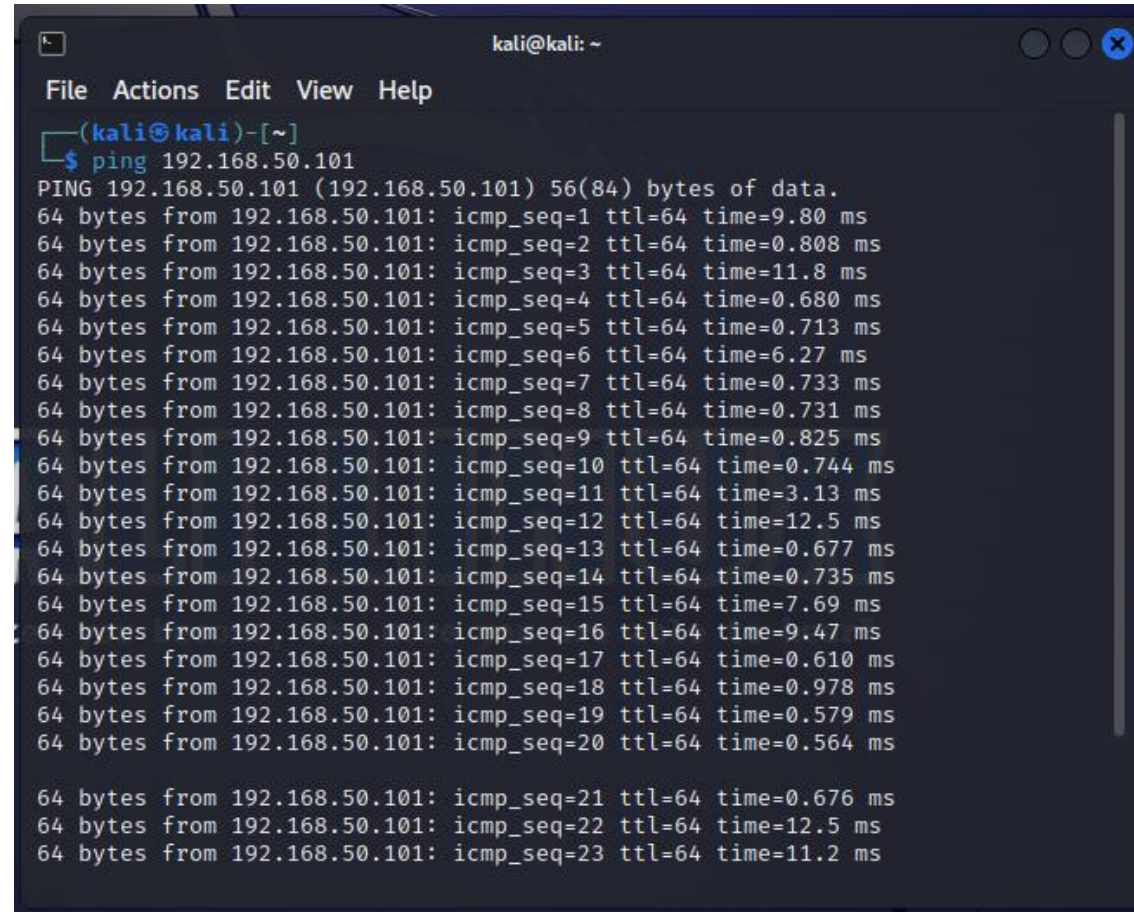
lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:108 errors:0 dropped:0 overruns:0 frame:0
          TX packets:108 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:21026 (20.5 KB)  TX bytes:21026 (20.5 KB)

msfadmin@metasploitable:~$
```

VERIFICA CONFIGURAZIONE WINDOWS 7

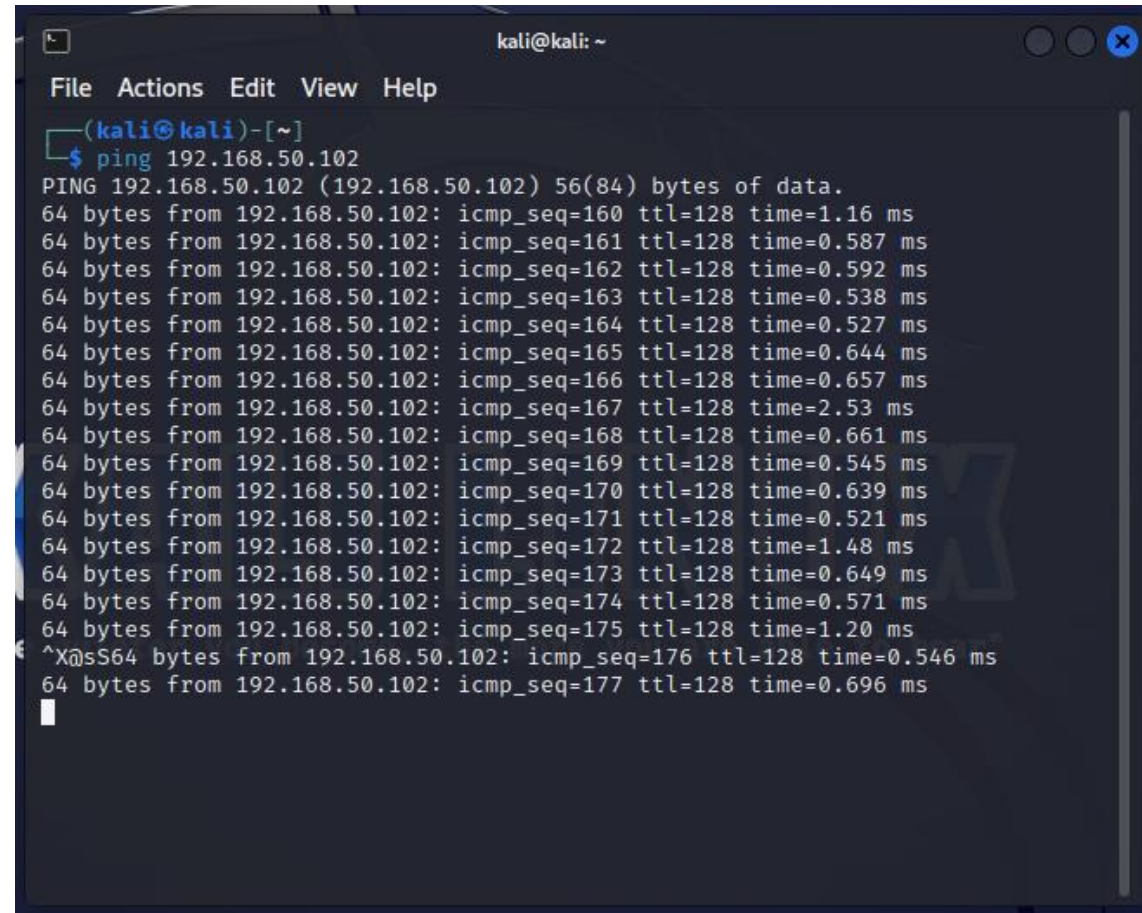


PING TEST DA KALI LINUX A METASPLOITABLE



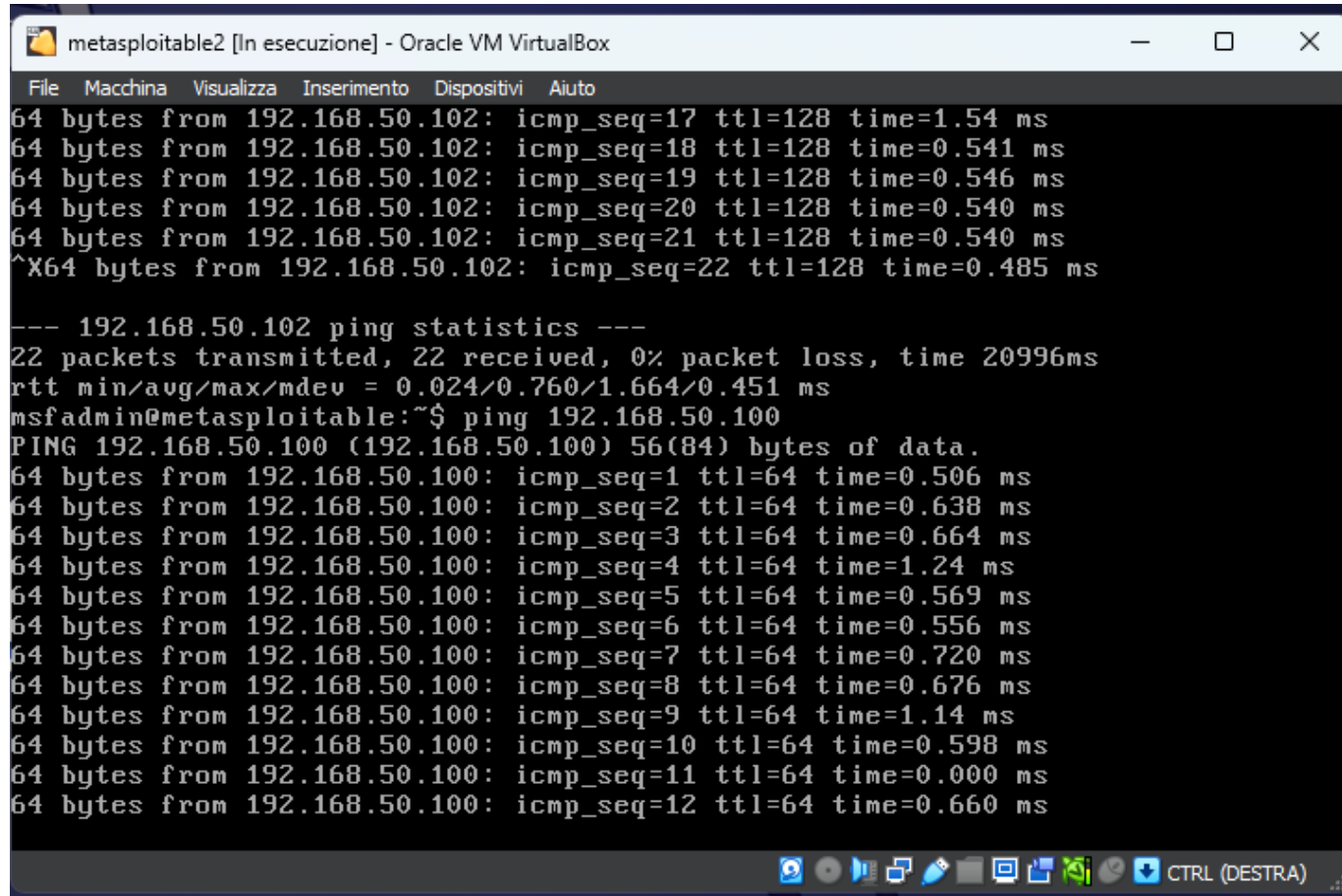
```
kali@kali: ~  
File Actions Edit View Help  
(kali@kali)-[~]  
$ ping 192.168.50.101  
PING 192.168.50.101 (192.168.50.101) 56(84) bytes of data.  
64 bytes from 192.168.50.101: icmp_seq=1 ttl=64 time=9.80 ms  
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.808 ms  
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=11.8 ms  
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.680 ms  
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.713 ms  
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=6.27 ms  
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.733 ms  
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=0.731 ms  
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=0.825 ms  
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=0.744 ms  
64 bytes from 192.168.50.101: icmp_seq=11 ttl=64 time=3.13 ms  
64 bytes from 192.168.50.101: icmp_seq=12 ttl=64 time=12.5 ms  
64 bytes from 192.168.50.101: icmp_seq=13 ttl=64 time=0.677 ms  
64 bytes from 192.168.50.101: icmp_seq=14 ttl=64 time=0.735 ms  
64 bytes from 192.168.50.101: icmp_seq=15 ttl=64 time=7.69 ms  
64 bytes from 192.168.50.101: icmp_seq=16 ttl=64 time=9.47 ms  
64 bytes from 192.168.50.101: icmp_seq=17 ttl=64 time=0.610 ms  
64 bytes from 192.168.50.101: icmp_seq=18 ttl=64 time=0.978 ms  
64 bytes from 192.168.50.101: icmp_seq=19 ttl=64 time=0.579 ms  
64 bytes from 192.168.50.101: icmp_seq=20 ttl=64 time=0.564 ms  
  
64 bytes from 192.168.50.101: icmp_seq=21 ttl=64 time=0.676 ms  
64 bytes from 192.168.50.101: icmp_seq=22 ttl=64 time=12.5 ms  
64 bytes from 192.168.50.101: icmp_seq=23 ttl=64 time=11.2 ms
```

PING TEST DA KALI LINUX A WINDOWS 7



```
kali@kali: ~  
File Actions Edit View Help  
(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=160 ttl=128 time=1.16 ms  
64 bytes from 192.168.50.102: icmp_seq=161 ttl=128 time=0.587 ms  
64 bytes from 192.168.50.102: icmp_seq=162 ttl=128 time=0.592 ms  
64 bytes from 192.168.50.102: icmp_seq=163 ttl=128 time=0.538 ms  
64 bytes from 192.168.50.102: icmp_seq=164 ttl=128 time=0.527 ms  
64 bytes from 192.168.50.102: icmp_seq=165 ttl=128 time=0.644 ms  
64 bytes from 192.168.50.102: icmp_seq=166 ttl=128 time=0.657 ms  
64 bytes from 192.168.50.102: icmp_seq=167 ttl=128 time=2.53 ms  
64 bytes from 192.168.50.102: icmp_seq=168 ttl=128 time=0.661 ms  
64 bytes from 192.168.50.102: icmp_seq=169 ttl=128 time=0.545 ms  
64 bytes from 192.168.50.102: icmp_seq=170 ttl=128 time=0.639 ms  
64 bytes from 192.168.50.102: icmp_seq=171 ttl=128 time=0.521 ms  
64 bytes from 192.168.50.102: icmp_seq=172 ttl=128 time=1.48 ms  
64 bytes from 192.168.50.102: icmp_seq=173 ttl=128 time=0.649 ms  
64 bytes from 192.168.50.102: icmp_seq=174 ttl=128 time=0.571 ms  
64 bytes from 192.168.50.102: icmp_seq=175 ttl=128 time=1.20 ms  
^X@s64 bytes from 192.168.50.102: icmp_seq=176 ttl=128 time=0.546 ms  
64 bytes from 192.168.50.102: icmp_seq=177 ttl=128 time=0.696 ms
```

PING TEST DA METASPLOITABLE A KALI LINUX

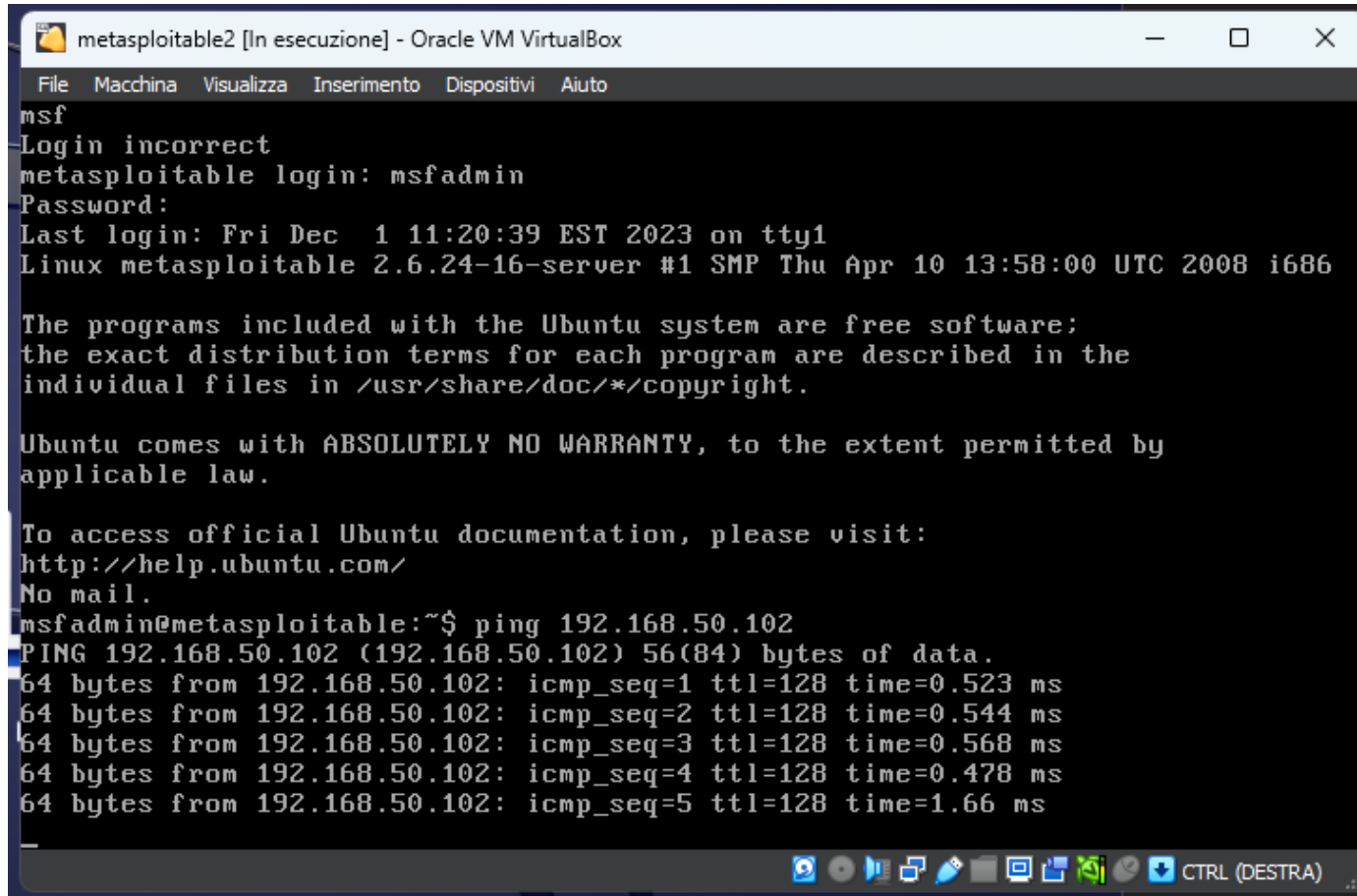


The screenshot shows a terminal window titled "metasploitable2 [In esecuzione] - Oracle VM VirtualBox". The terminal displays the output of a ping test from 192.168.50.102 to 192.168.50.100. The first five lines show individual ping results with increasing sequence numbers. The sixth line is interrupted by a carriage return (^X). Below this, the ping statistics are shown, indicating 22 packets transmitted and received with 0% packet loss. Finally, a second ping test is initiated from the msfadmin@metasploitable prompt to 192.168.50.100, showing the first 12 results.

```
metasploitable2 [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto
64 bytes from 192.168.50.102: icmp_seq=17 ttl=128 time=1.54 ms
64 bytes from 192.168.50.102: icmp_seq=18 ttl=128 time=0.541 ms
64 bytes from 192.168.50.102: icmp_seq=19 ttl=128 time=0.546 ms
64 bytes from 192.168.50.102: icmp_seq=20 ttl=128 time=0.540 ms
64 bytes from 192.168.50.102: icmp_seq=21 ttl=128 time=0.540 ms
^X64 bytes from 192.168.50.102: icmp_seq=22 ttl=128 time=0.485 ms

--- 192.168.50.102 ping statistics ---
22 packets transmitted, 22 received, 0% packet loss, time 20996ms
rtt min/avg/max/mdev = 0.024/0.760/1.664/0.451 ms
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=0.506 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.638 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.664 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=1.24 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.569 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.556 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=0.720 ms
64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=0.676 ms
64 bytes from 192.168.50.100: icmp_seq=9 ttl=64 time=1.14 ms
64 bytes from 192.168.50.100: icmp_seq=10 ttl=64 time=0.598 ms
64 bytes from 192.168.50.100: icmp_seq=11 ttl=64 time=0.000 ms
64 bytes from 192.168.50.100: icmp_seq=12 ttl=64 time=0.660 ms
```


PING TEST DA METASPLOITABLE A WINDOWS 7



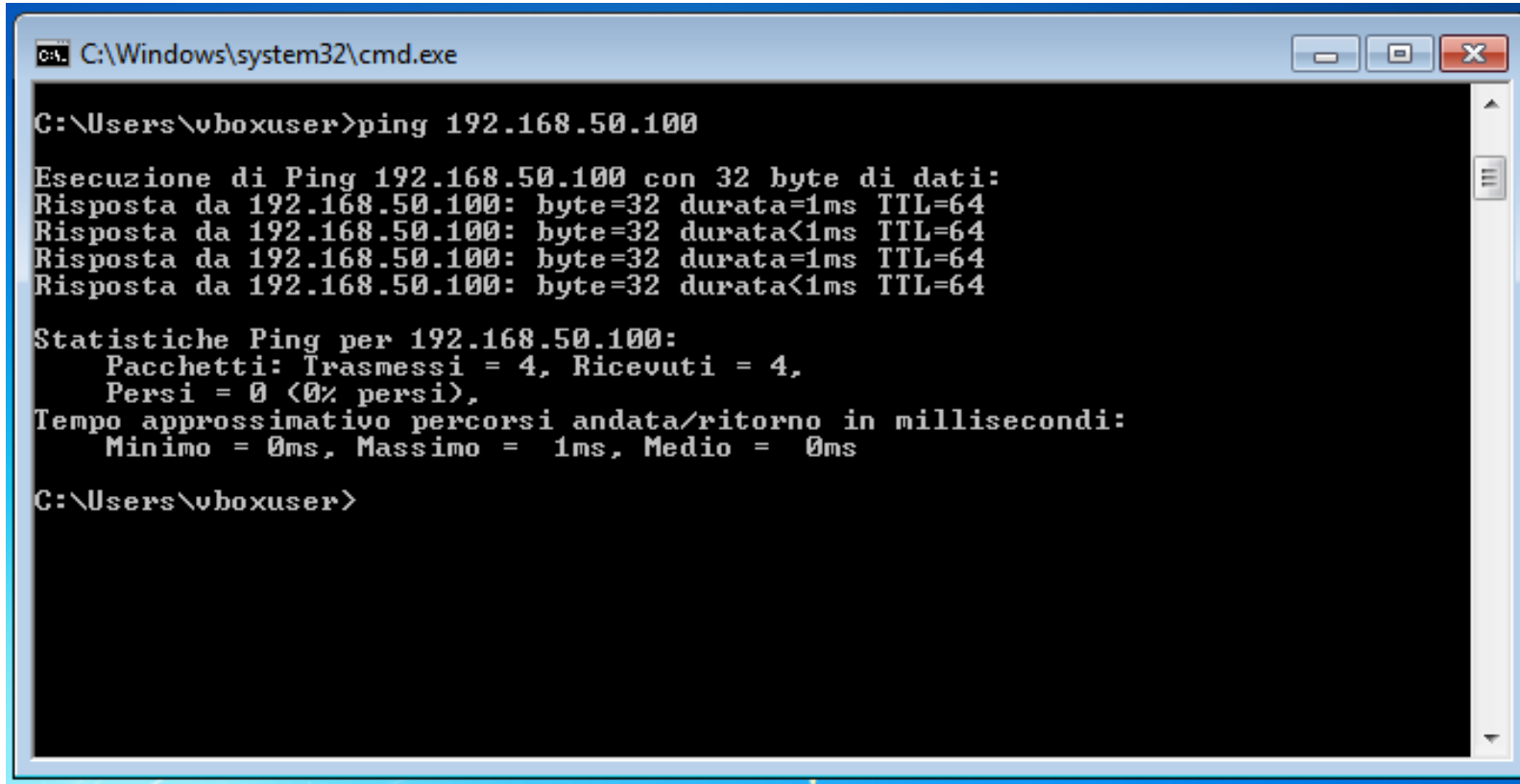
```
metasploitable2 [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto
msf
Login incorrect
metasploitable login: msfadmin
Password:
Last login: Fri Dec  1 11:20:39 EST 2023 on tty1
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
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=0.523 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.544 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.568 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.478 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=1.66 ms
```

PING TEST DA WINDOWS 7 A KALI LINUX



```
C:\Windows\system32\cmd.exe

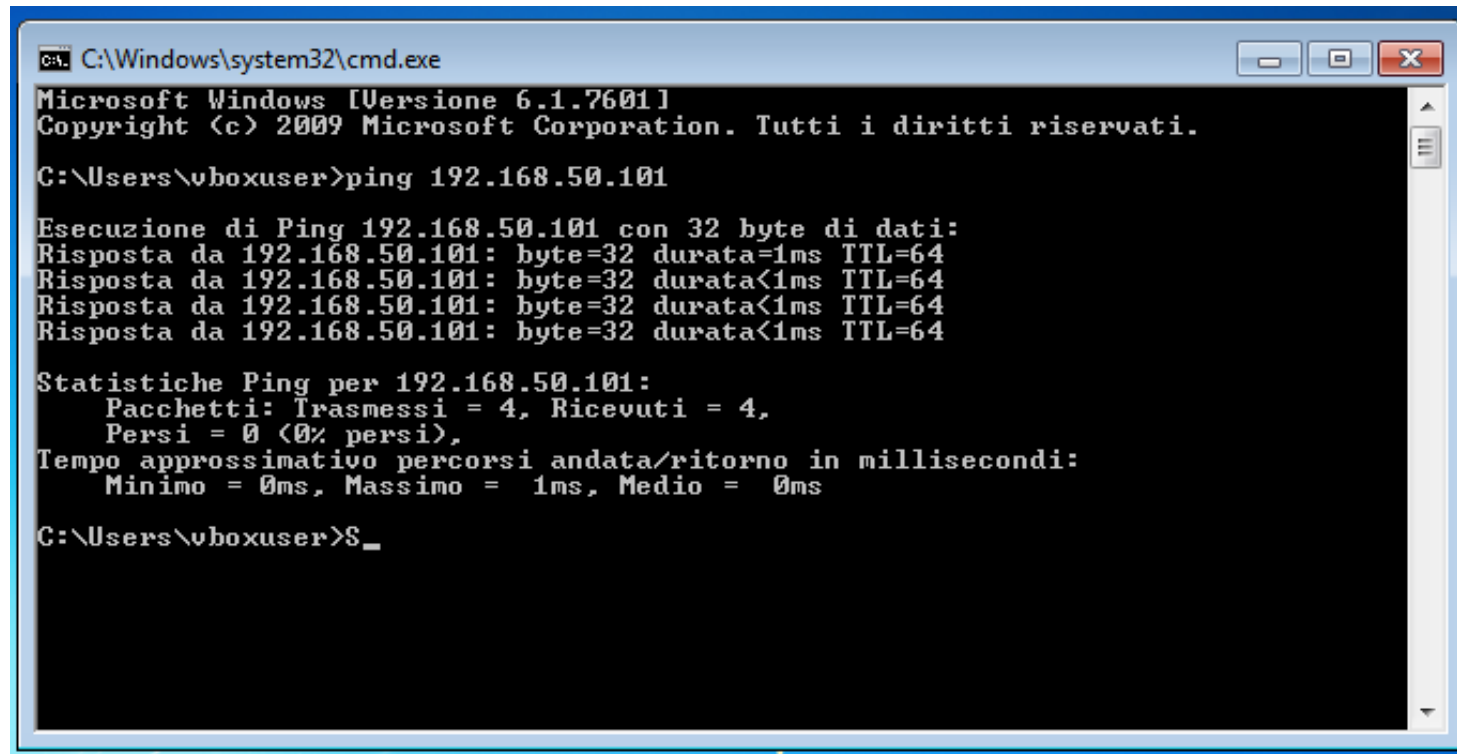
C:\Users\vboxuser>ping 192.168.50.100

Esecuzione di Ping 192.168.50.100 con 32 byte di dati:
Risposta da 192.168.50.100: byte=32 durata=1ms TTL=64
Risposta da 192.168.50.100: byte=32 durata<1ms TTL=64
Risposta da 192.168.50.100: byte=32 durata=1ms TTL=64
Risposta da 192.168.50.100: byte=32 durata<1ms TTL=64

Statistiche Ping per 192.168.50.100:
    Pacchetti: Trasmessi = 4, Ricevuti = 4,
    Persi = 0 (0% persi),
Tempo approssimativo percorsi andata/ritorno in millisecondi:
    Minimo = 0ms, Massimo = 1ms, Medio = 0ms

C:\Users\vboxuser>
```

PING TEST DA WINDOWS 7 A METASPLOITABLE



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Versione 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. Tutti i diritti riservati.

C:\Users\ vboxuser>ping 192.168.50.101

Esecuzione di Ping 192.168.50.101 con 32 byte di dati:
Risposta da 192.168.50.101: byte=32 durata=1ms TTL=64
Risposta da 192.168.50.101: byte=32 durata<1ms TTL=64
Risposta da 192.168.50.101: byte=32 durata<1ms TTL=64
Risposta da 192.168.50.101: byte=32 durata<1ms TTL=64

Statistiche Ping per 192.168.50.101:
    Pacchetti: Trasmessi = 4, Ricevuti = 4,
    Persi = 0 (0% persi),
Tempo approssimativo percorsi andata/ritorno in millisecondi:
    Minimo = 0ms, Massimo = 1ms, Medio = 0ms

C:\Users\ vboxuser>S_
```