

ESERCITAZIONE W1D4

KALI SU VM E IP STATICO DI KALI

```
kali@kali: ~  
File Actions Edit View Help  
  
(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  
    inet6 fe80::a00:27ff:feeb:7ef5 prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:cb:7e:f5 txqueuelen 1000 (Ethernet)  
    RX packets 210 bytes 25752 (25.1 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 46 bytes 8236 (8.0 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)-[~]  
$
```



METASPLOITABLE SU VM E IP STATICO DI METASPLOITABLE

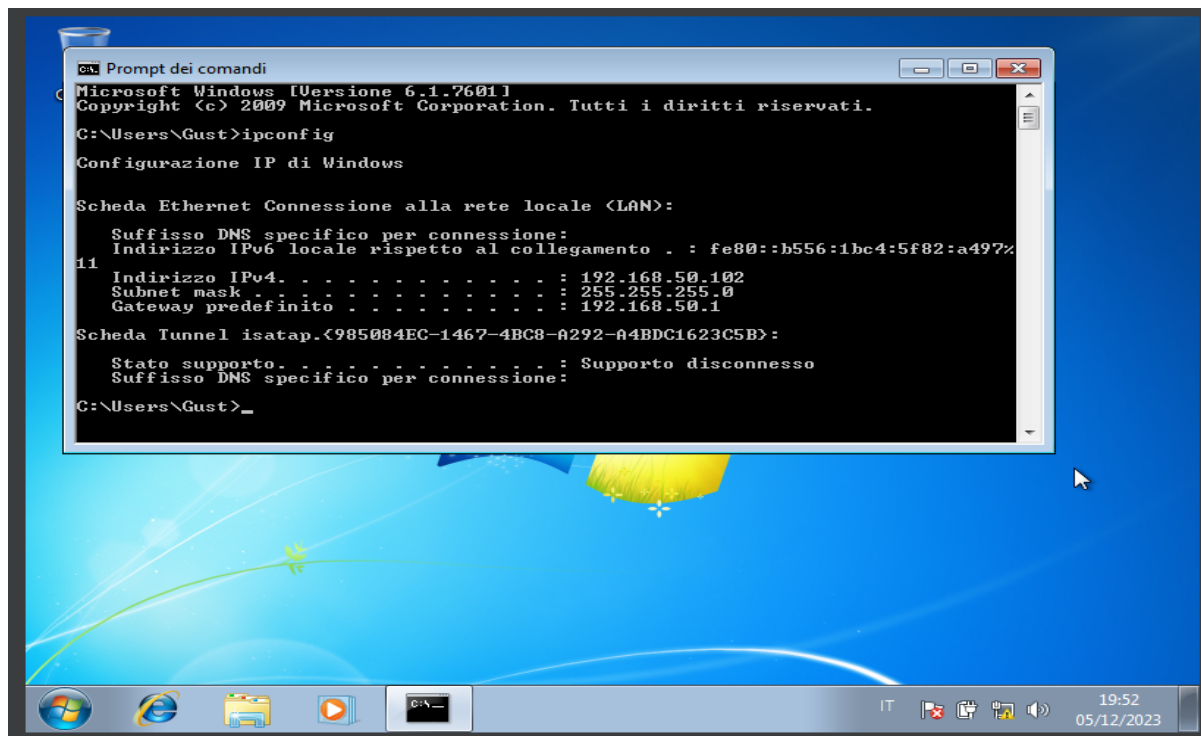
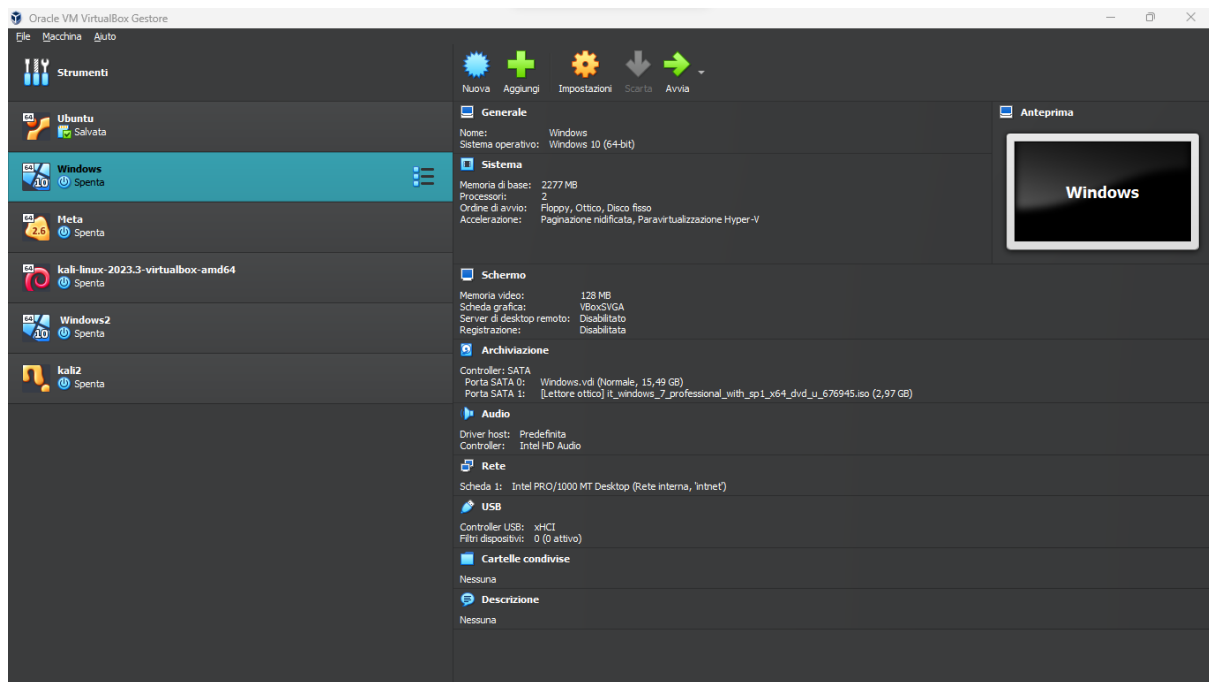


```
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:a8:a0:9a
          inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fea8:a09a/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:66 errors:0 dropped:0 overruns:0 frame:0
          TX packets:175 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:6662 (6.5 KB)  TX bytes:14943 (14.5 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:155 errors:0 dropped:0 overruns:0 frame:0
          TX packets:155 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:37149 (36.2 KB)  TX bytes:37149 (36.2 KB)

msfadmin@metasploitable:~$ _
```

WINDOWS SU VM E IP STATICO DI WINDOWS



PING KALI -> METASPLOITABLE E KALI -> WINDOWS

```
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=18.2 ms  
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=2.51 ms  
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=1.71 ms  
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=1.33 ms  
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=3.05 ms  
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=1.76 ms  
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=2.25 ms  
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=2.33 ms  
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=1.87 ms  
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=1.83 ms  
64 bytes from 192.168.50.101: icmp_seq=11 ttl=64 time=1.42 ms  
64 bytes from 192.168.50.101: icmp_seq=12 ttl=64 time=1.42 ms  
64 bytes from 192.168.50.101: icmp_seq=13 ttl=64 time=1.83 ms  
64 bytes from 192.168.50.101: icmp_seq=14 ttl=64 time=1.09 ms  
64 bytes from 192.168.50.101: icmp_seq=15 ttl=64 time=1.64 ms  
64 bytes from 192.168.50.101: icmp_seq=16 ttl=64 time=1.95 ms  
64 bytes from 192.168.50.101: icmp_seq=17 ttl=64 time=2.45 ms  
64 bytes from 192.168.50.101: icmp_seq=18 ttl=64 time=1.63 ms  
64 bytes from 192.168.50.101: icmp_seq=19 ttl=64 time=1.76 ms  
64 bytes from 192.168.50.101: icmp_seq=20 ttl=64 time=2.02 ms  
64 bytes from 192.168.50.101: icmp_seq=21 ttl=64 time=1.98 ms  
^C  
— 192.168.50.101 ping statistics —
```

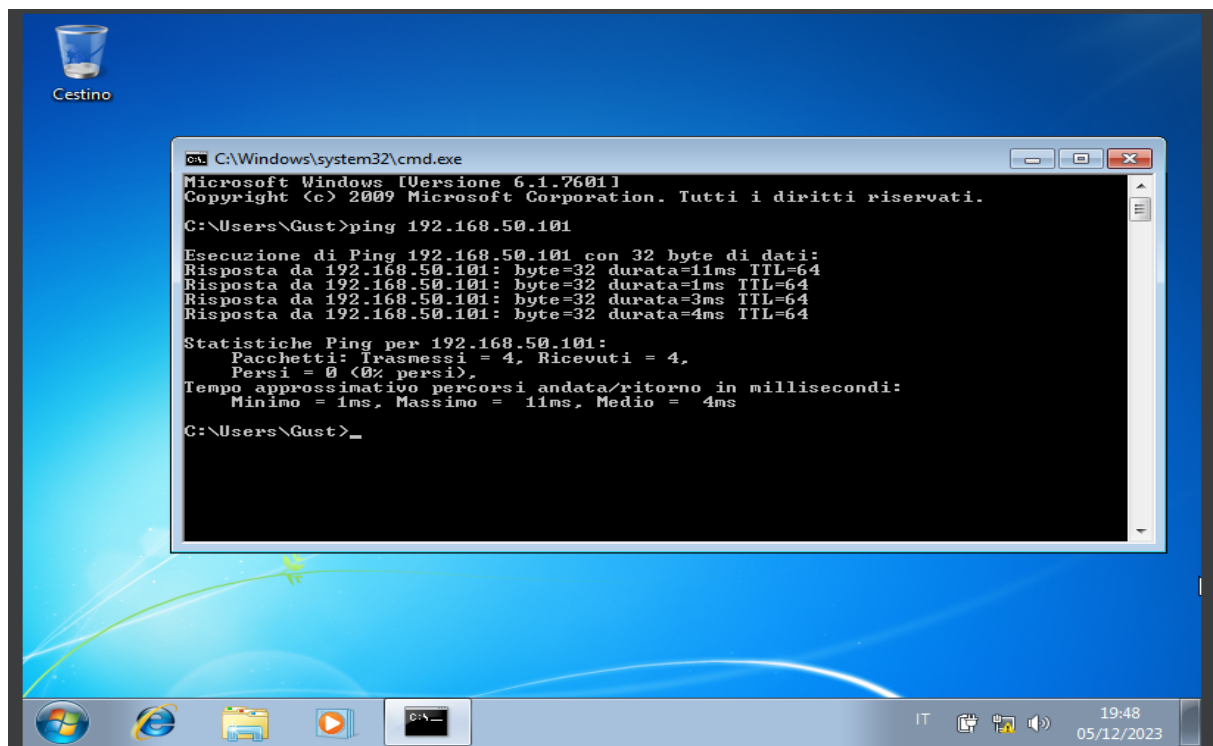
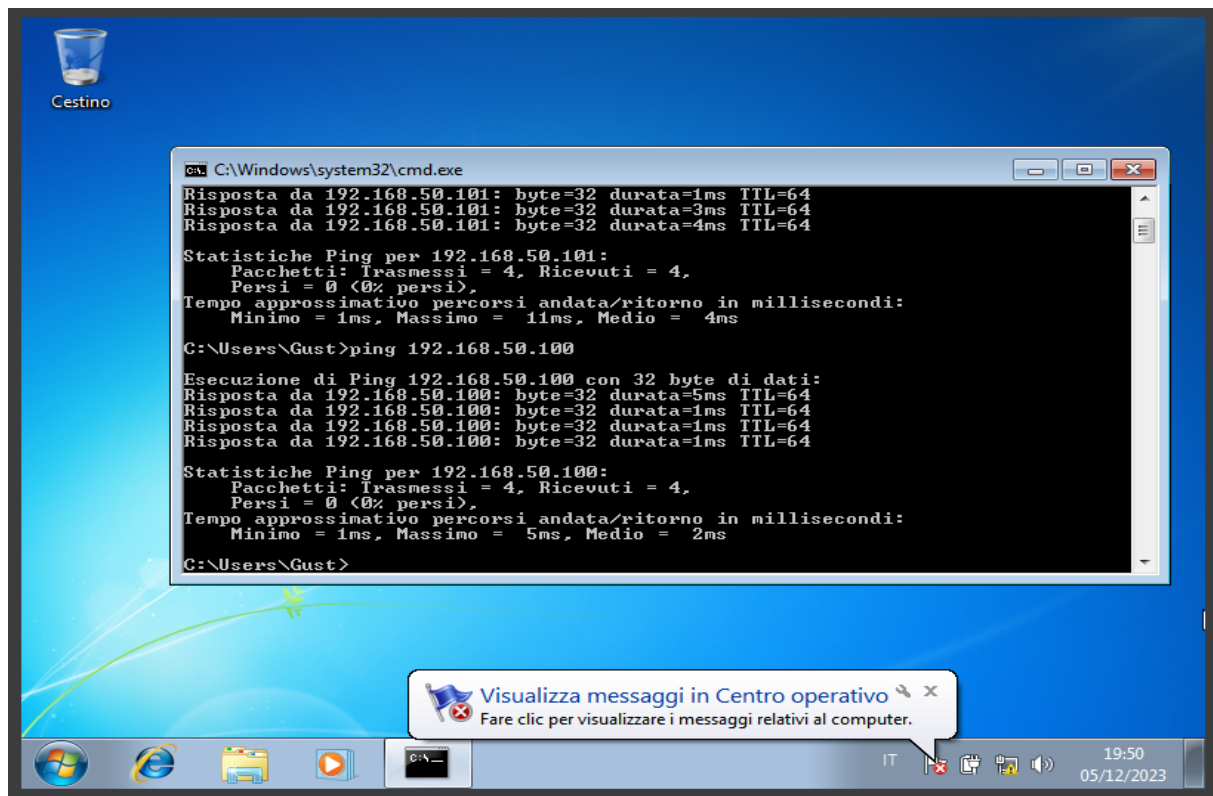
```
kali@kali: ~  
File Actions Edit View Help  
  
(kali@kali)-[~]  
$ ping 192.168.50.102  
PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.  
64 bytes from 192.168.50.102: icmp_seq=1 ttl=128 time=15.3 ms  
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=10.8 ms  
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=2.37 ms  
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=3.65 ms  
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=1.79 ms  
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=16.6 ms  
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=9.94 ms  
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=3.11 ms  
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=7.38 ms  
64 bytes from 192.168.50.102: icmp_seq=10 ttl=128 time=12.9 ms  
64 bytes from 192.168.50.102: icmp_seq=11 ttl=128 time=2.93 ms  
^C  
— 192.168.50.102 ping statistics —  
11 packets transmitted, 11 received, 0% packet loss, time 10027ms  
rtt min/avg/max/mdev = 1.794/7.880/16.555/5.227 ms  
  
(kali@kali)-[~]  
$
```

PING METASPLOITABLE -> KALI E METASPLOITABLE -> WINDOWS

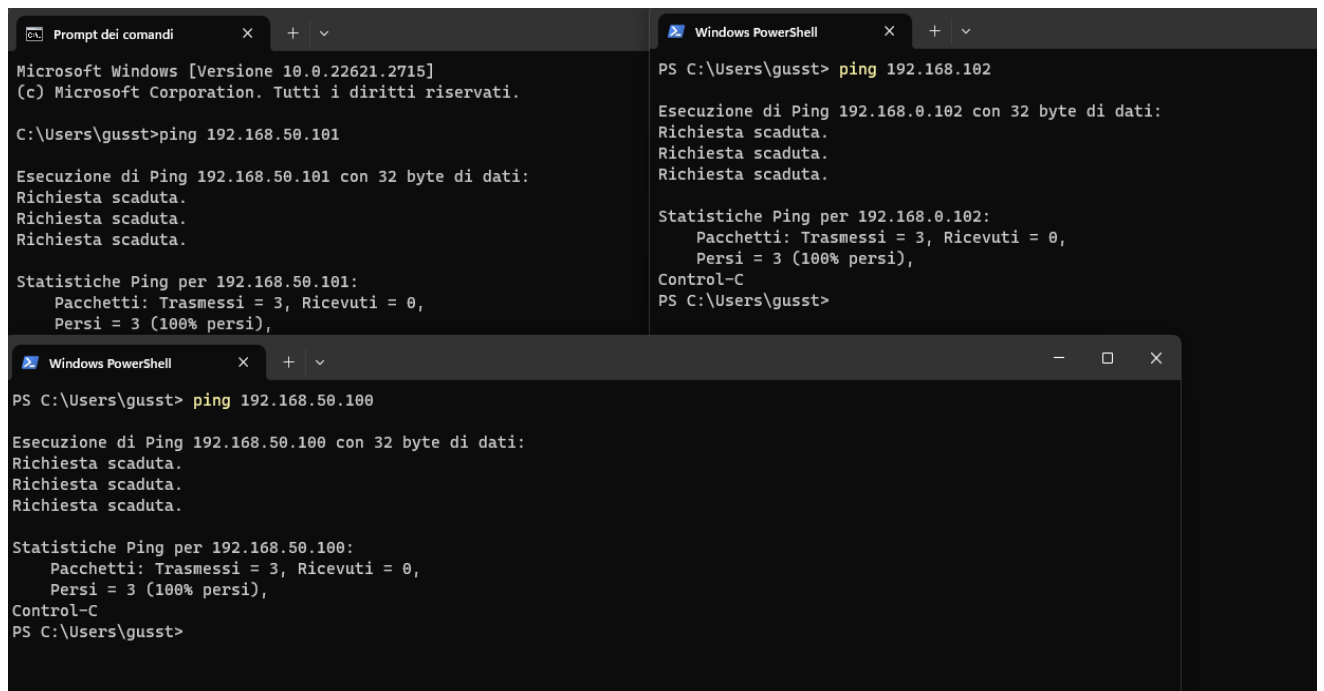
```
http://help.ubuntu.com/  
No mail.  
msfadmin@metasploitable:~$ ping 192.168.50.100  
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data.  
64 bytes from 192.168.50.100: icmp_seq=1 ttl=64 time=1.39 ms  
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=1.38 ms  
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=1.79 ms  
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=1.07 ms  
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=1.12 ms  
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=1.53 ms  
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=12.2 ms  
64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=1.08 ms  
64 bytes from 192.168.50.100: icmp_seq=9 ttl=64 time=0.963 ms  
64 bytes from 192.168.50.100: icmp_seq=10 ttl=64 time=1.25 ms  
64 bytes from 192.168.50.100: icmp_seq=11 ttl=64 time=1.36 ms  
64 bytes from 192.168.50.100: icmp_seq=12 ttl=64 time=1.17 ms  
64 bytes from 192.168.50.100: icmp_seq=13 ttl=64 time=1.29 ms  
64 bytes from 192.168.50.100: icmp_seq=14 ttl=64 time=0.425 ms  
64 bytes from 192.168.50.100: icmp_seq=15 ttl=64 time=1.83 ms  
64 bytes from 192.168.50.100: icmp_seq=16 ttl=64 time=1.83 ms  
  
--- 192.168.50.100 ping statistics ---  
16 packets transmitted, 16 received, 0% packet loss, time 15007ms  
rtt min/avg/max/mdev = 0.425/1.989/12.283/2.680 ms  
msfadmin@metasploitable:~$ _
```

```
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=13.9 ms  
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=1.70 ms  
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=1.97 ms  
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=10.8 ms  
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=2.64 ms  
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=1.16 ms  
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=6.24 ms  
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=10.3 ms  
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=1.05 ms  
64 bytes from 192.168.50.102: icmp_seq=10 ttl=128 time=2.09 ms  
64 bytes from 192.168.50.102: icmp_seq=11 ttl=128 time=1.48 ms  
64 bytes from 192.168.50.102: icmp_seq=12 ttl=128 time=4.68 ms  
64 bytes from 192.168.50.102: icmp_seq=13 ttl=128 time=3.29 ms  
64 bytes from 192.168.50.102: icmp_seq=14 ttl=128 time=5.86 ms  
64 bytes from 192.168.50.102: icmp_seq=15 ttl=128 time=4.75 ms  
  
--- 192.168.50.102 ping statistics ---  
15 packets transmitted, 15 received, 0% packet loss, time 14007ms  
rtt min/avg/max/mdev = 1.054/4.808/13.952/3.872 ms  
msfadmin@metasploitable:~$ _
```

PING WINDOWS -> KALI E WINDOWS -> METASPLOITABLE



IL PC HOST NON COMUNICA CON LE MACCHINE VIRTUALE



The image shows three overlapping Windows command shells. The top-left shell is a standard Command Prompt. The top-right shell is a Windows PowerShell window. The bottom shell is another Windows PowerShell window. All three shells show the execution of a 'ping' command to a specific IP address, resulting in 'Request timed out' (Richiesta scaduta) for all three attempts. The bottom shell also displays the ping statistics, showing 3 packets sent and 0 received, resulting in 100% loss.

```
Prompt dei comandi
Microsoft Windows [Versione 10.0.22621.2715]
(c) Microsoft Corporation. Tutti i diritti riservati.

C:\Users\gusst>ping 192.168.50.101

Esecuzione di Ping 192.168.50.101 con 32 byte di dati:
Richiesta scaduta.
Richiesta scaduta.
Richiesta scaduta.

Statistiche Ping per 192.168.50.101:
    Pacchetti: Trasmessi = 3, Ricevuti = 0,
    Persi = 3 (100% persi),
Control-C

Windows PowerShell
PS C:\Users\gusst> ping 192.168.102

Esecuzione di Ping 192.168.0.102 con 32 byte di dati:
Richiesta scaduta.
Richiesta scaduta.
Richiesta scaduta.

Statistiche Ping per 192.168.0.102:
    Pacchetti: Trasmessi = 3, Ricevuti = 0,
    Persi = 3 (100% persi),
Control-C
PS C:\Users\gusst>

Windows PowerShell
PS C:\Users\gusst> ping 192.168.50.100

Esecuzione di Ping 192.168.50.100 con 32 byte di dati:
Richiesta scaduta.
Richiesta scaduta.
Richiesta scaduta.

Statistiche Ping per 192.168.50.100:
    Pacchetti: Trasmessi = 3, Ricevuti = 0,
    Persi = 3 (100% persi),
Control-C
PS C:\Users\gusst>
```