ESERCITAZIONE W1D4

KALI LINUX INSTALLATO SU VIRTUAL BOX

METASPLOITABLE INSTALLATO SU VIRTUAL BOX

```
Warning: Never expose this VM to an untrusted network!

Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started

metasploitable login:
```
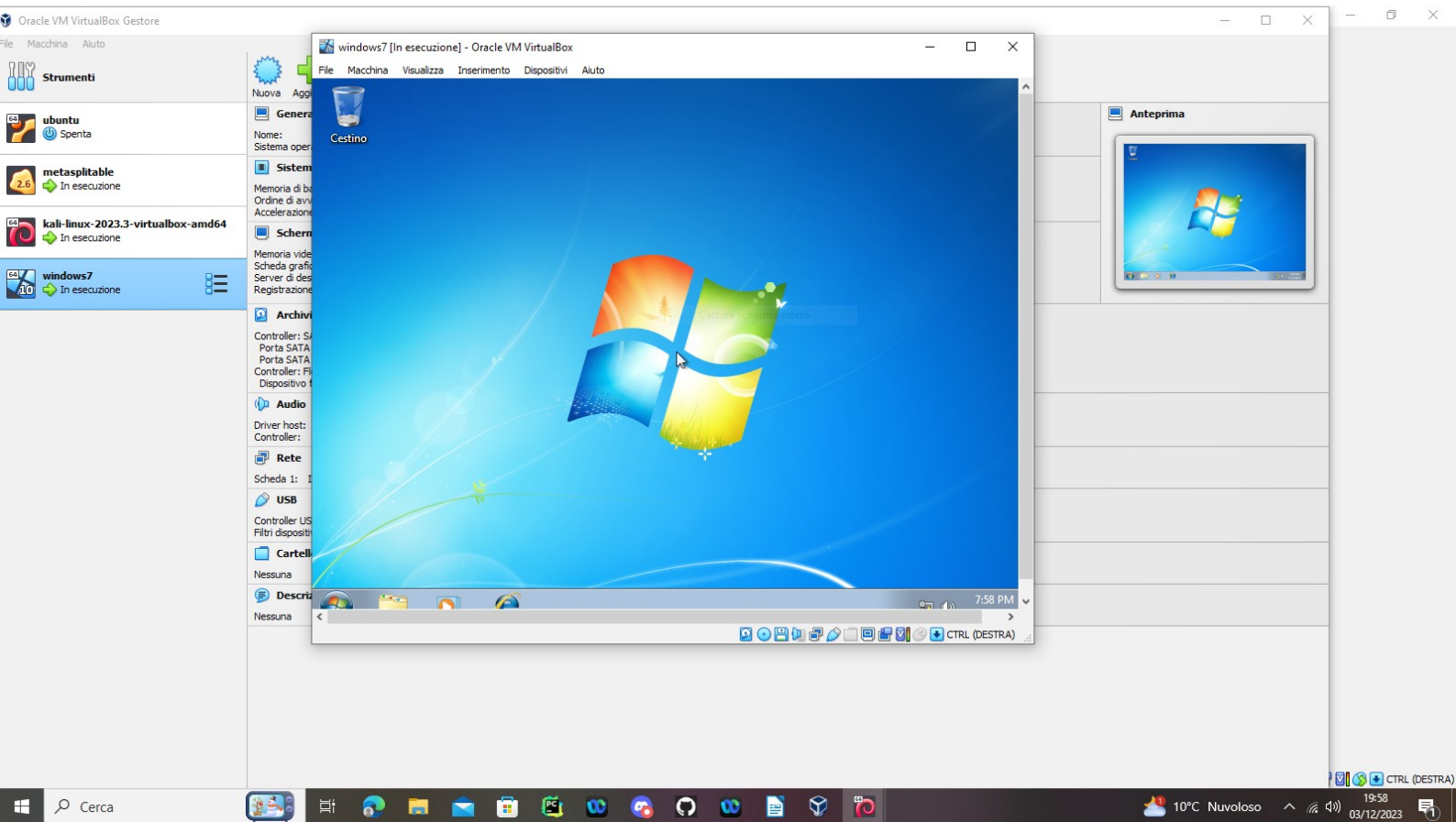
```
Warning: Never expose this VM to an untrusted network!

Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started

metasploitable login:
```

WINDOWS7 INSTALLATO SU VIRTUAL BOX

IP STATICO KALI

IP STATICO META

kali@kali: ~

File   Actions   Edit   View   Help

```
┌──(kali㉿kali)-[~]
└─$ ifconfig
bridge0: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        ether a2:a9:a1:21:aa:f0  txqueuelen 1000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

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:fecb:7ef5  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:cb:7e:f5  txqueuelen 1000  (Ethernet)
        RX packets 166  bytes 19064 (18.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 26  bytes 4144 (4.0 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)-[~]
└─$
```

```
To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:69:4f:fc
          inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe69:4ffc/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:78 errors:0 dropped:0 overruns:0 frame:0
          TX packets:91 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:6720 (6.5 KB)  TX bytes:9880 (9.6 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:219 errors:0 dropped:0 overruns:0 frame:0
          TX packets:219 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:74719 (72.9 KB)  TX bytes:74719 (72.9 KB)

msfadmin@metasploitable:~$
```
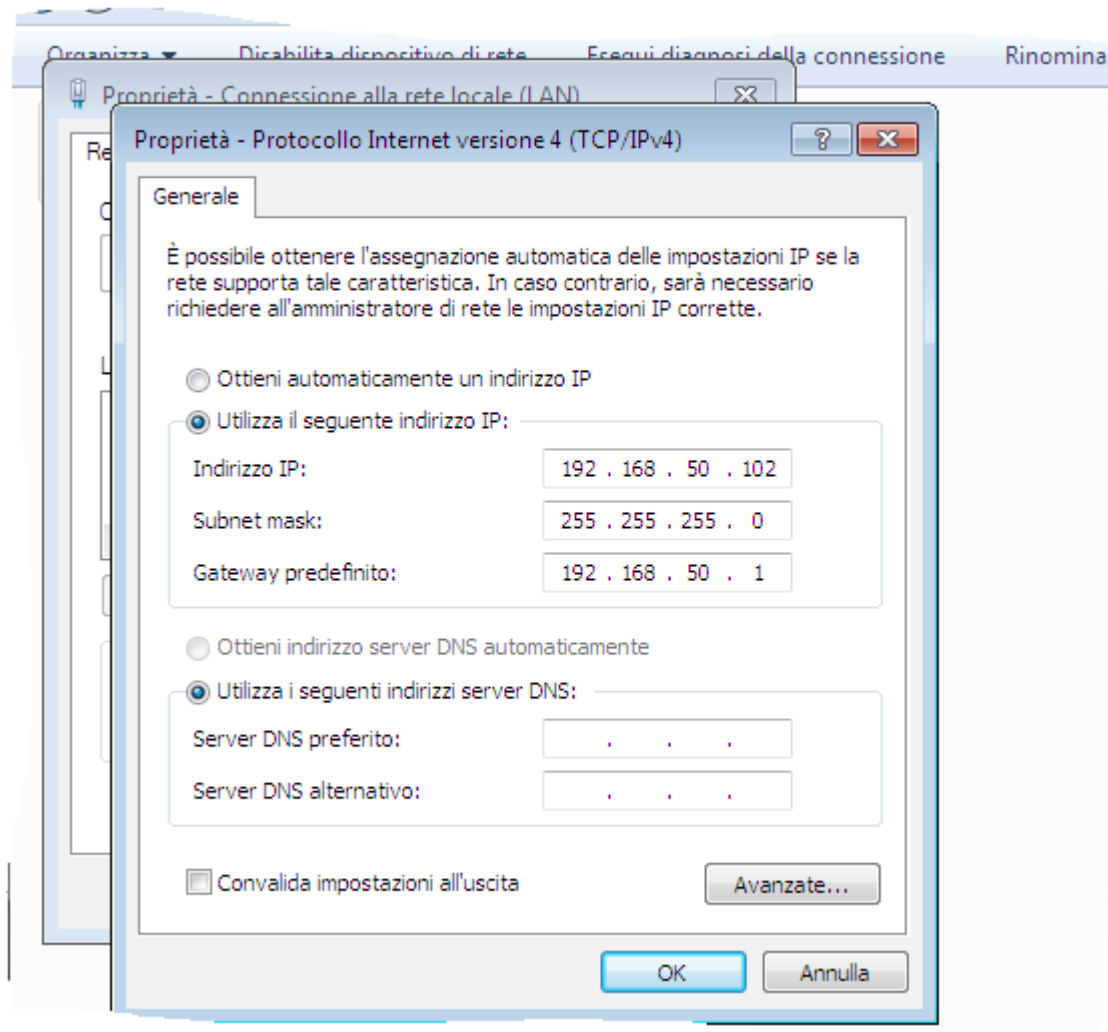
IP STATICO WINDOWS7

PING DA KALI A META

PING DA KALI A WINDOWS7

```
  Actions  Edit    p
 ┌──(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=1.09 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.741 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.636 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.649 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.584 ms
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=0.685 ms
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=0.859 ms
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=0.691 ms
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.714 ms
64 bytes from 192.168.50.102: icmp_seq=10 ttl=128 time=0.760 ms
64 bytes from 192.168.50.102: icmp_seq=11 ttl=128 time=0.676 ms
64 bytes from 192.168.50.102: icmp_seq=12 ttl=128 time=0.673 ms
64 bytes from 192.168.50.102: icmp_seq=13 ttl=128 time=0.990 ms
64 bytes from 192.168.50.102: icmp_seq=14 ttl=128 time=0.684 ms
64 bytes from 192.168.50.102: icmp_seq=15 ttl=128 time=0.629 ms
64 bytes from 192.168.50.102: icmp_seq=16 ttl=128 time=0.667 ms
64 bytes from 192.168.50.102: icmp_seq=17 ttl=128 time=0.877 ms
64 bytes from 192.168.50.102: icmp_seq=18 ttl=128 time=0.694 ms
64 bytes from 192.168.50.102: icmp_seq=19 ttl=128 time=0.671 ms
64 bytes from 192.168.50.102: icmp_seq=20 ttl=128 time=0.564 ms
64 bytes from 192.168.50.102: icmp_seq=21 ttl=128 time=0.649 ms
64 bytes from 192.168.50.102: icmp_seq=22 ttl=128 time=0.778 ms
64 bytes from 192.168.50.102: icmp_seq=23 ttl=128 time=0.671 ms
64 bytes from 192.168.50.102: icmp_seq=24 ttl=128 time=0.578 ms
64 bytes from 192.168.50.102: icmp_seq=25 ttl=128 time=0.734 ms
64 bytes from 192.168.50.102: icmp_seq=26 ttl=128 time=0.629 ms
64 bytes from 192.168.50.102: icmp_seq=27 ttl=128 time=0.638 ms
64 bytes from 192.168.50.102: icmp_seq=28 ttl=128 time=0.687 ms
64 bytes from 192.168.50.102: icmp_seq=29 ttl=128 time=0.623 ms
64 bytes from 192.168.50.102: icmp_seq=30 ttl=128 time=0.626 ms
64 bytes from 192.168.50.102: icmp_seq=31 ttl=128 time=0.749 ms
64 bytes from 192.168.50.102: icmp_seq=32 ttl=128 time=0.286 ms
64 bytes from 192.168.50.102: icmp_seq=33 ttl=128 time=0.535 ms
64 bytes from 192.168.50.102: icmp_seq=34 ttl=128 time=0.730 ms
64 bytes from 192.168.50.102: icmp_seq=35 ttl=128 time=1.02 ms
64 bytes from 192.168.50.102: icmp_seq=36 ttl=128 time=0.539 ms
64 bytes from 192.168.50.102: icmp_seq=37 ttl=128 time=0.419 ms
64 bytes from 192.168.50.102: icmp_seq=38 ttl=128 time=0.668 ms
64 bytes from 192.168.50.102: icmp_seq=39 ttl=128 time=0.560 ms
     192.168.50.102      =40 ttl=128 time=0.718 ms
```

PING DA META A KALI

```
msfadmin@metasploitable:~$ ping 192.168.50.100
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data.
From 192.168.50.101 icmp_seq=1 Destination Host Unreachable
From 192.168.50.101 icmp_seq=2 Destination Host Unreachable
From 192.168.50.101 icmp_seq=3 Destination Host Unreachable
From 192.168.50.101 icmp_seq=4 Destination Host Unreachable
From 192.168.50.101 icmp_seq=5 Destination Host Unreachable
From 192.168.50.101 icmp_seq=6 Destination Host Unreachable
From 192.168.50.101 icmp_seq=8 Destination Host Unreachable
From 192.168.50.101 icmp_seq=9 Destination Host Unreachable
From 192.168.50.101 icmp_seq=10 Destination Host Unreachable
From 192.168.50.101 icmp_seq=11 Destination Host Unreachable
From 192.168.50.101 icmp_seq=12 Destination Host Unreachable
From 192.168.50.101 icmp_seq=13 Destination Host Unreachable
From 192.168.50.101 icmp_seq=14 Destination Host Unreachable
From 192.168.50.101 icmp_seq=15 Destination Host Unreachable
From 192.168.50.101 icmp_seq=16 Destination Host Unreachable
```

PING DA META A WINDOWS

```
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=5.57 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.793 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.795 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=1.38 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=1.48 ms
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=1.10 ms
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=1.32 ms
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=1.49 ms
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.789 ms
64 bytes from 192.168.50.102: icmp_seq=10 ttl=128 time=0.672 ms
64 bytes from 192.168.50.102: icmp_seq=11 ttl=128 time=0.747 ms
64 bytes from 192.168.50.102: icmp_seq=12 ttl=128 time=0.714 ms
64 bytes from 192.168.50.102: icmp_seq=13 ttl=128 time=0.621 ms
64 bytes from 192.168.50.102: icmp_seq=14 ttl=128 time=0.877 ms
64 bytes from 192.168.50.102: icmp_seq=15 ttl=128 time=1.02 ms
```

PING DA WINDOWS A KALI E META

```
Microsoft Windows [Versione 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. Tutti i diritti riservati.

C:\Users\fabrizio>ping 192.168.50.100

Esecuzione di Ping 192.168.50.100 con 32 byte di dati:
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.

Statistiche Ping per 192.168.50.100:
    Pacchetti: Trasmessi = 4, Ricevuti = 4,
    Persi = 0 (0% persi),

C:\Users\fabrizio>ping 192.168.50.101

Esecuzione di Ping 192.168.50.101 con 32 byte di dati:
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.
Risposta da 192.168.50.102: Host di destinazione non raggiungibile.

Statistiche Ping per 192.168.50.101:
    Pacchetti: Trasmessi = 4, Ricevuti = 4,
    Persi = 0 (0% persi),

C:\Users\fabrizio>_
```