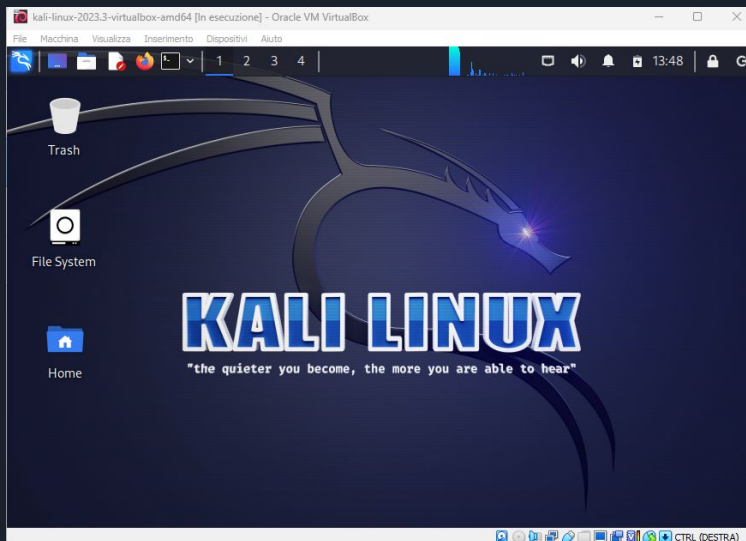




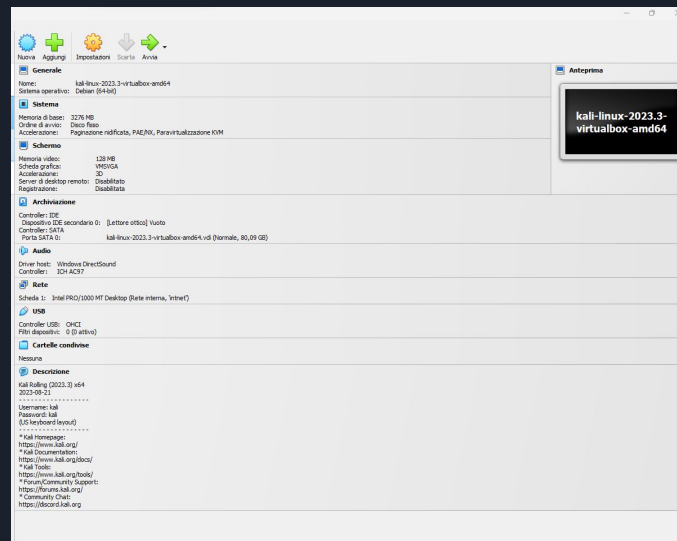
# ESERCITAZIONE W1D4

CREAZIONE E CONFIGURAZIONE  
LABORATORIO VIRTUALE


# KALI LINUX



KALI LINUX FUNZIONANTE




CONFIGURAZIONE



```
(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 32 bytes 4848 (4.7 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 29 bytes 3510 (3.4 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
```

INDIRIZZO IP STATICO



```
(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=1.12 ms  
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.660 ms  
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.467 ms  
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.629 ms  
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.576 ms  
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=0.304 ms  
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.663 ms  
^C  
— 192.168.50.101 ping statistics —  
7 packets transmitted, 7 received, 0% packet loss, time 6100ms  
rtt min/avg/max/mdev = 0.304/0.631/1.118/0.231 ms
```

PING DA KALI A META

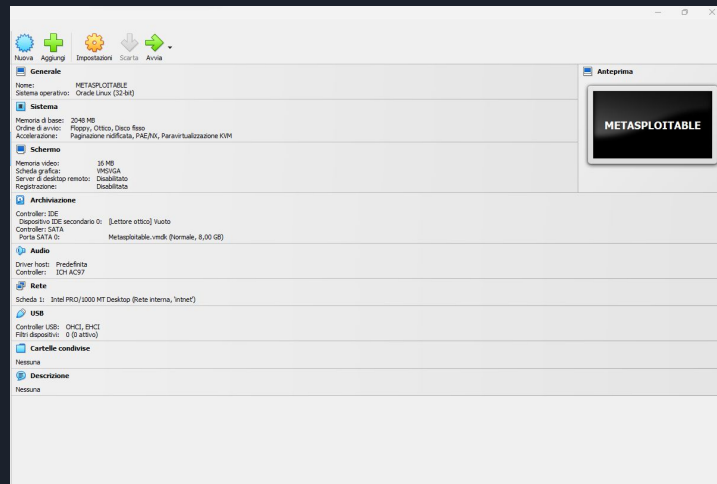
```
(kali㉿kali)-[~]  
$ ping 192.168.50.102  
PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.  
64 bytes from 192.168.50.102: icmp_seq=1 ttl=128 time=1.19 ms  
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.472 ms  
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.461 ms  
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.603 ms  
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.465 ms  
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=0.559 ms  
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=0.407 ms  
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=0.826 ms  
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.518 ms  
^C  
— 192.168.50.102 ping statistics —  
9 packets transmitted, 9 received, 0% packet loss, time 8141ms  
rtt min/avg/max/mdev = 0.407/0.610/1.185/0.233 ms
```

PING DA KALI A WINDOWS

# METASPLOITABLE

```
Warning: Never expose this VM to an untrusted network!  
Contact: msfdev[at]metasploit.com  
  
Login with msfadmin/msfadmin to get started  
  
metasploitable login: msfadmin  
Password:  
Last login: Wed Dec 6 14:54:59 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:~$
```

METASPLOITABLE FUNZIONANTE




CONFIGURAZIONE



```
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:cd:e6:e3
          inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fece:e6e3/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:27 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:2954 (2.8 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:92 errors:0 dropped:0 overruns:0 frame:0
          TX packets:92 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:19393 (18.9 KB)  TX bytes:19393 (18.9 KB)
```

INDIRIZZO IP STATICO



```
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=0.010 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.017 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.020 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.019 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.012 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.013 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=0.014 ms
64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=0.051 ms
64 bytes from 192.168.50.100: icmp_seq=9 ttl=64 time=0.047 ms
64 bytes from 192.168.50.100: icmp_seq=10 ttl=64 time=0.059 ms
64 bytes from 192.168.50.100: icmp_seq=11 ttl=64 time=0.061 ms
64 bytes from 192.168.50.100: icmp_seq=12 ttl=64 time=0.052 ms
64 bytes from 192.168.50.100: icmp_seq=13 ttl=64 time=0.025 ms

--- 192.168.50.100 ping statistics ---
13 packets transmitted, 13 received, 0% packet loss, time 11994ms
rtt min/avg/max/mdev = 0.010/0.030/0.061/0.020 ms
```

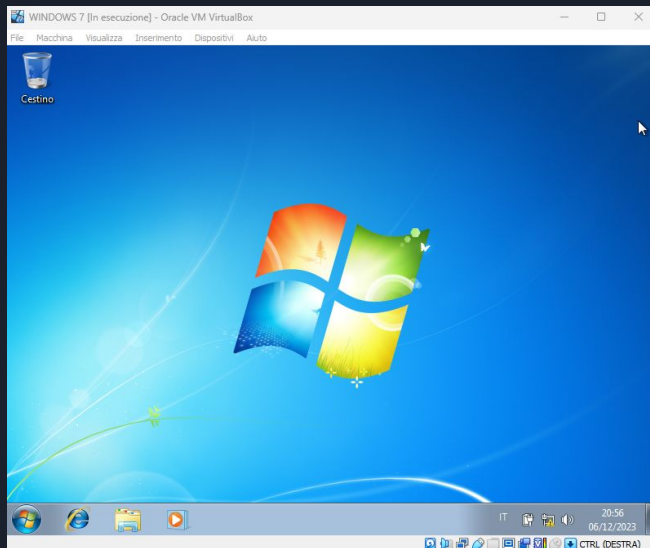
PING DA META A KALI

```
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=6.40 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.558 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.656 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.759 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.555 ms
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=0.904 ms
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=0.656 ms
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=0.687 ms
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.498 ms
64 bytes from 192.168.50.102: icmp_seq=10 ttl=128 time=0.939 ms
64 bytes from 192.168.50.102: icmp_seq=11 ttl=128 time=0.581 ms

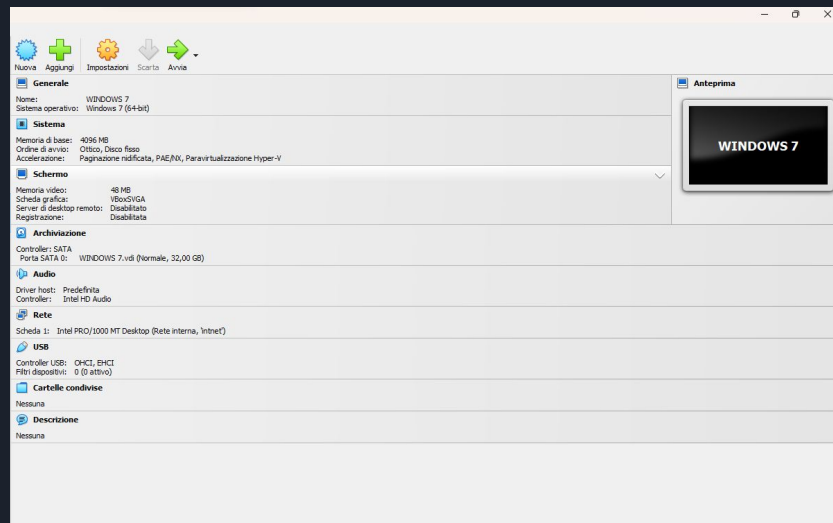
--- 192.168.50.102 ping statistics ---
11 packets transmitted, 11 received, 0% packet loss, time 10004ms
rtt min/avg/max/mdev = 0.498/1.199/6.406/1.652 ms
```

PING DA META A WINDOWS

# WINDOWS 7

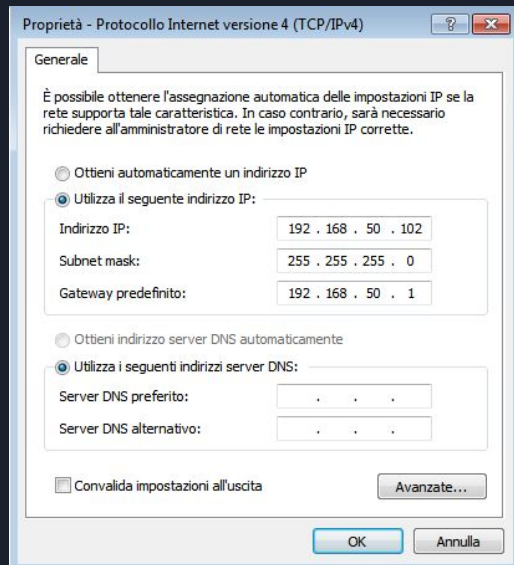


WINDOWS 7 FUNZIONANTE



CONFIGURAZIONE





INDIRIZZO IP STATICO

CA Prompt dei comandi

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

C:\Users\Carmen>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 = 0ms, Medio = 0ms

C:\Users\Carmen>

PING DA WINDOWS A KALI

CA Prompt dei comandi

^C

C:\Users\Carmen>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\Carmen>\_

PING DA WINDOWS A META



# IL SISTEMA HOST NON COMUNICA CON L'AMBIENTE VIRTUALE

```
C:\Users\carne>ping 192.168.50.100
```

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

```
Statistiche Ping per 192.168.50.100:  
    Pacchetti: Trasmessi = 2, Ricevuti = 0,  
    Persi = 2 (100% persi),  
Control-C  
^C
```

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

```
Statistiche Ping per 192.168.50.101:  
    Pacchetti: Trasmessi = 2, Ricevuti = 0,  
    Persi = 2 (100% persi),  
Control-C  
^C
```

```
Esecuzione di Ping 192.168.50.102 con 32 byte di dati:  
Richiesta scaduta.  
Richiesta scaduta.
```

```
Statistiche Ping per 192.168.50.102:  
    Pacchetti: Trasmessi = 2, Ricevuti = 0,  
    Persi = 2 (100% persi),  
Control-C  
^C
```