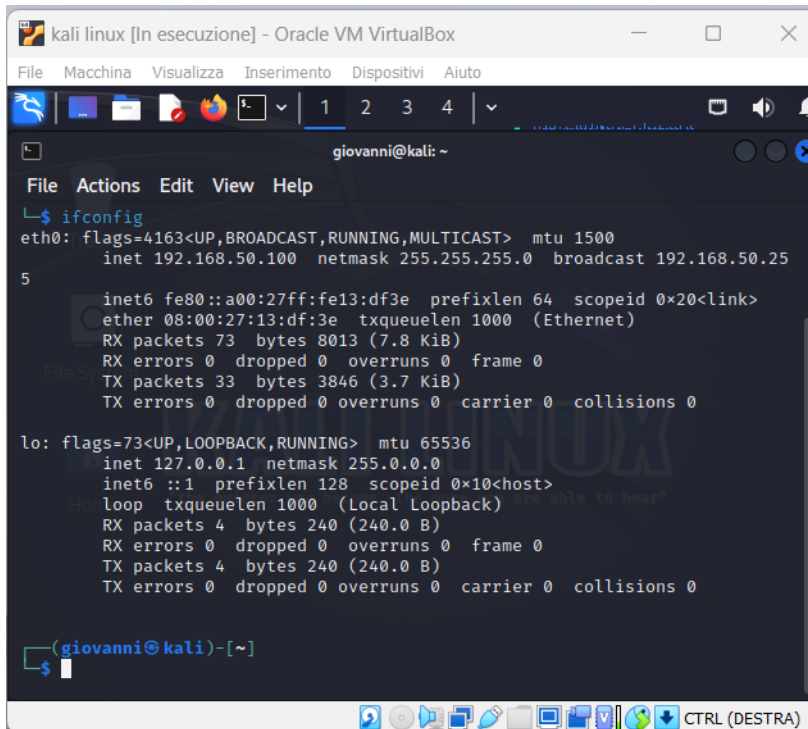


## ESERCITAZIONE W1D4

### Installazione Kali

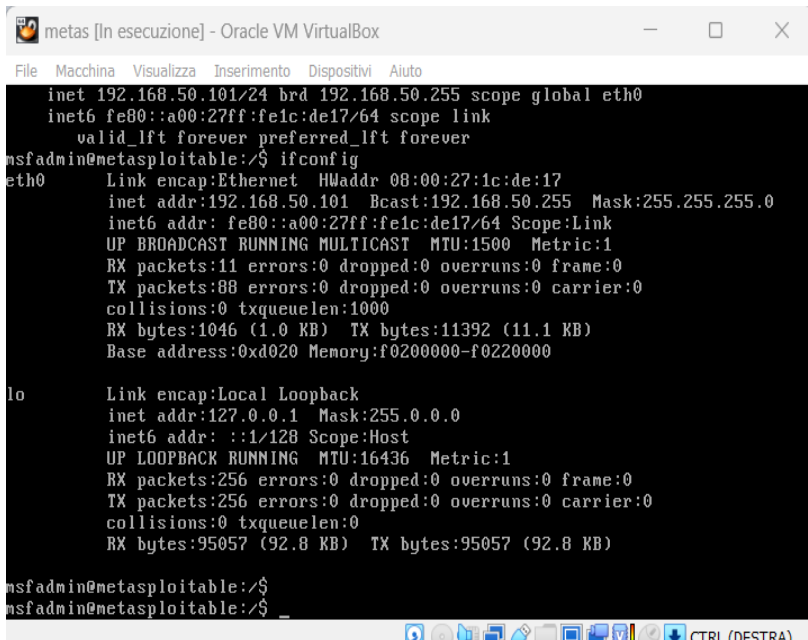


```
kali linux [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
giovanni@kali: ~
File Actions Edit View Help
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.50.100 netmask 255.255.255.0 broadcast 192.168.50.255
    ether 08:00:27:13:df:3e txqueuelen 1000 (Ethernet)
    RX packets 73 bytes 8013 (7.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 33 bytes 3846 (3.7 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 0<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

(giovanni@kali)~$
```

### Installazione metasploitable

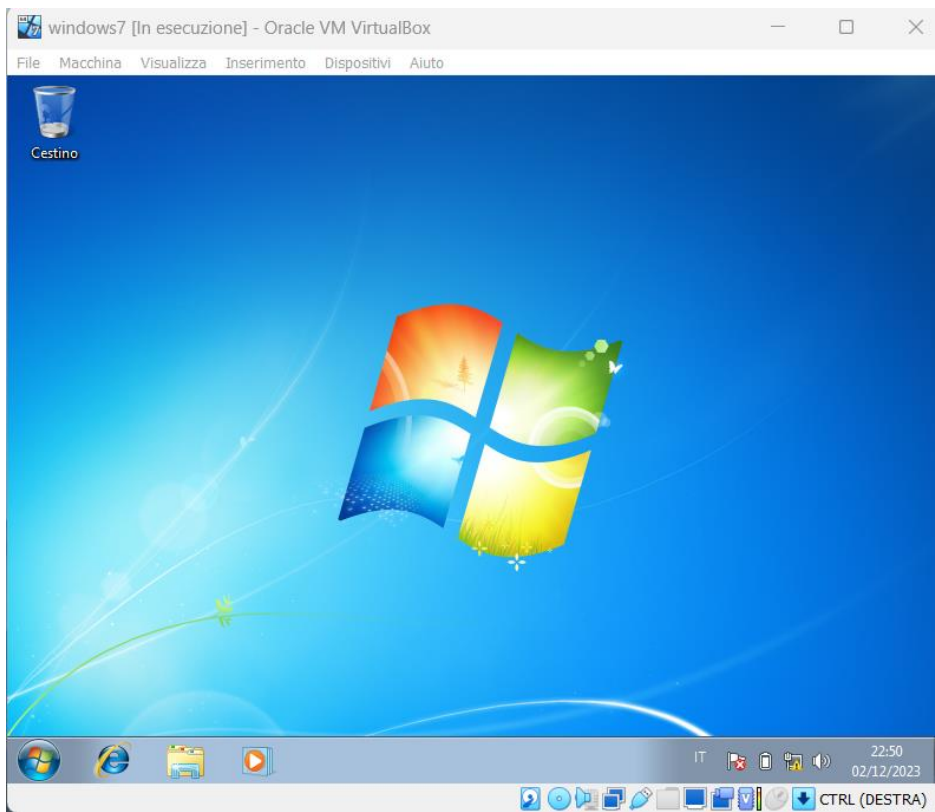


```
metasploitable [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
msfadmin@metasploitable:/$ ifconfig
eth0: Link encap:Ethernet HWaddr 08:00:27:1c:de:17
    inet addr:192.168.50.101 Bcast:192.168.50.255 Mask:255.255.255.0
    inet6 addr: fe80::a00:27ff:fe1c:de17/64 Scope:Link
    UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
    RX packets:11 errors:0 dropped:0 overruns:0 frame:0
    TX packets:88 errors:0 dropped:0 overruns:0 carrier:0
    collisions:0 txqueuelen:1000
    RX bytes:1046 (1.0 KB) TX bytes:11392 (11.1 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:256 errors:0 dropped:0 overruns:0 frame:0
    TX packets:256 errors:0 dropped:0 overruns:0 carrier:0
    collisions:0 txqueuelen:0
    RX bytes:95057 (92.8 KB) TX bytes:95057 (92.8 KB)

msfadmin@metasploitable:/$
msfadmin@metasploitable:/$
```

## Installazione windows



## Indirizzi IP

```
metas [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
inet 192.168.50.101/24 brd 192.168.50.255 scope global eth0
inet6 fe80::a00:27ff:fe1c:de17/64 scope link
valid_lft forever preferred_lft forever
msfadmin@metasploitable:/$ ifconfig
eth0:
Link encap:Ethernet HWaddr 08:00:27:1c:de:17
inet addr:192.168.50.101 Bcast:192.168.50.255 Mask:255.255.255.0
inet6 addr: fe80::a00:27ff:fe1c:de17/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:11 errors:0 dropped:0 overruns:0 frame:0
TX packets:88 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:1046 (1.0 KB) TX bytes:11392 (11.1 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:256 errors:0 dropped:0 overruns:0 frame:0
TX packets:256 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:95057 (92.8 KB) TX bytes:95057 (92.8 KB)
msfadmin@metasploitable:/$
msfadmin@metasploitable:/$
```

Dettagli connessione di rete

Dettagli connessione di rete:

Proprietà	Valore
Suffisso DNS specifico d...	
Descrizione	Scheda desktop Intel(R) PRO/1000 MT
Indirizzo fisico	08-00-27-DC-D3-4B
DHCP abilitato	No
Indirizzo IPv4	192.168.50.102
Subnet mask IPv4	255.255.255.0
Gateway predefinito IPv4	192.168.50.1
Server DNS IPv4	
Server WINS IPv4	
NetBIOS su TCP/IP atti...	Sì
Indirizzo IPv6 locale risp...	fe80::6116:9f04:aa27:663%11
Gateway predefinito IPv6	
Server DNS IPv6	fec0:0:0:ffff::1%1 fec0:0:0:ffff::2%1 fec0:0:0:ffff::3%1

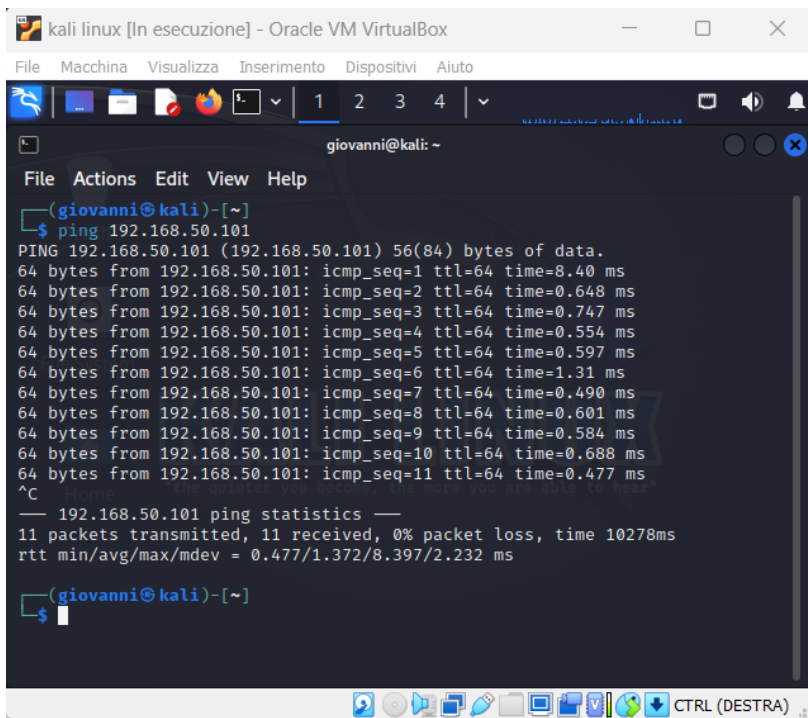
Chiudi

```
kali linux [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
giovanni@kali: ~
File Actions Edit View Help
$ 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
5
inet6 fe80::a00:27ff:fe13:df3e prefixlen 64 scopeid 0x20<link>
ether 08:00:27:13:df:3e txqueuelen 1000 (Ethernet)
RX packets 73 bytes 8013 (7.8 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 33 bytes 3846 (3.7 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

(giovanni@kali)-[~]
$
```

ping

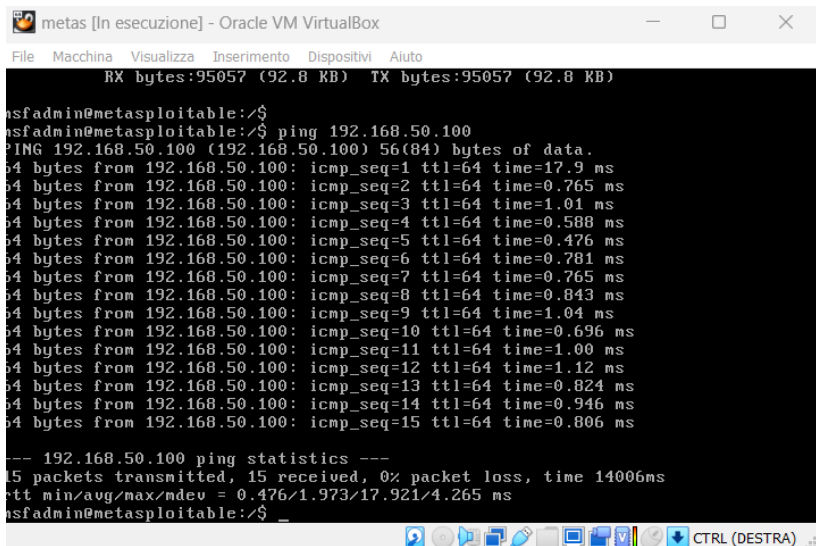


```
kali linux [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto

giovanni@kali: ~
File Actions Edit View Help

(giovanni@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=8.40 ms
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.648 ms
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.747 ms
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.554 ms
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.597 ms
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=1.31 ms
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.490 ms
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=0.601 ms
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=0.584 ms
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=0.688 ms
64 bytes from 192.168.50.101: icmp_seq=11 ttl=64 time=0.477 ms
^C
--- 192.168.50.101 ping statistics ---
11 packets transmitted, 11 received, 0% packet loss, time 10278ms
rtt min/avg/max/mdev = 0.477/1.372/8.397/2.232 ms

(giovanni@kali)-[~]
$
```



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

RX bytes:95057 (92.8 KB) TX bytes:95057 (92.8 KB)

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=17.9 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.765 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=1.01 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.588 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.476 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.781 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=0.765 ms
64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=0.843 ms
64 bytes from 192.168.50.100: icmp_seq=9 ttl=64 time=1.04 ms
64 bytes from 192.168.50.100: icmp_seq=10 ttl=64 time=0.696 ms
64 bytes from 192.168.50.100: icmp_seq=11 ttl=64 time=1.00 ms
64 bytes from 192.168.50.100: icmp_seq=12 ttl=64 time=1.12 ms
64 bytes from 192.168.50.100: icmp_seq=13 ttl=64 time=0.824 ms
64 bytes from 192.168.50.100: icmp_seq=14 ttl=64 time=0.946 ms
64 bytes from 192.168.50.100: icmp_seq=15 ttl=64 time=0.806 ms
--- 192.168.50.100 ping statistics ---
15 packets transmitted, 15 received, 0% packet loss, time 14006ms
rtt min/avg/max/mdev = 0.476/1.973/17.921/4.265 ms
msfadmin@metasploitable:/$
```

