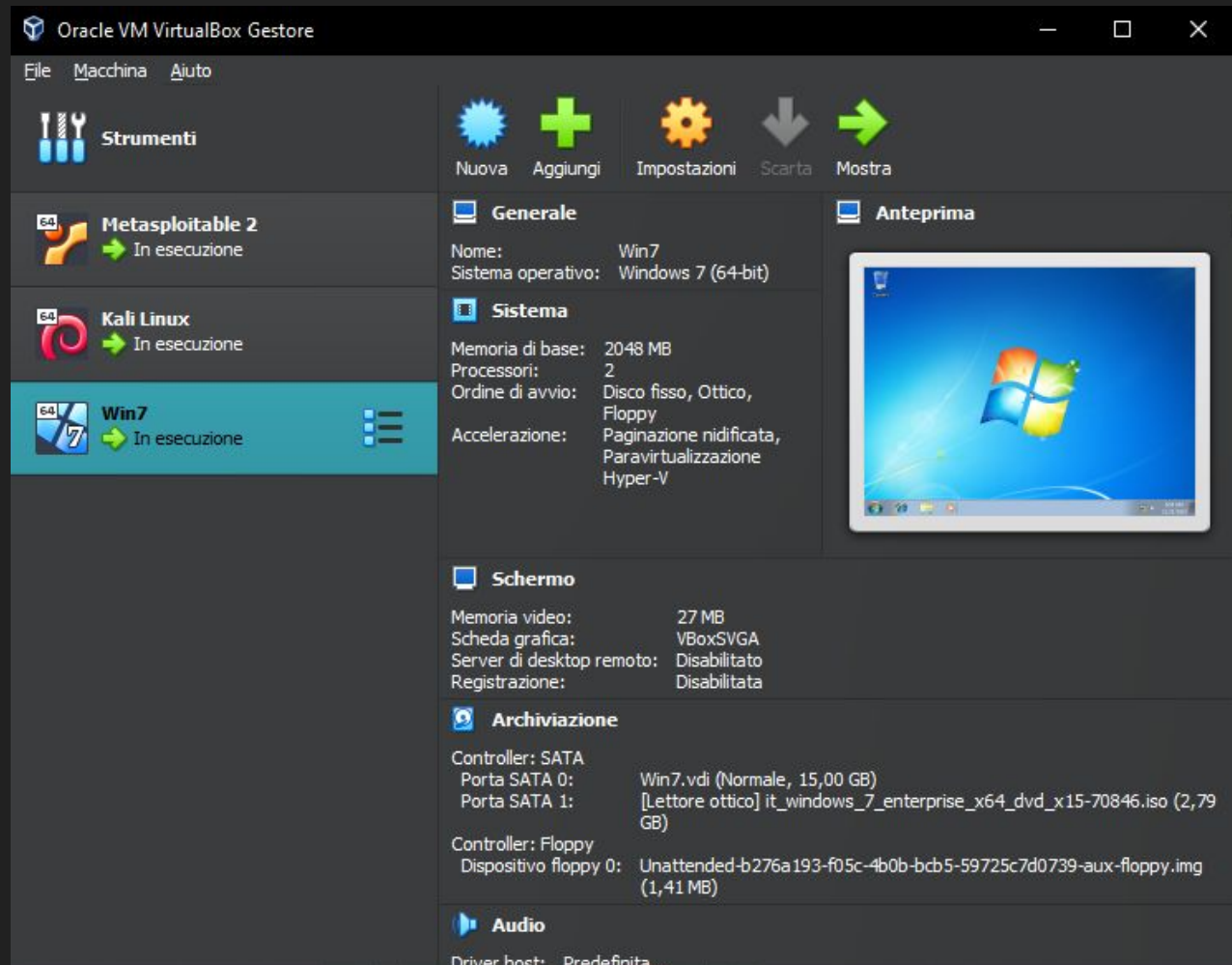
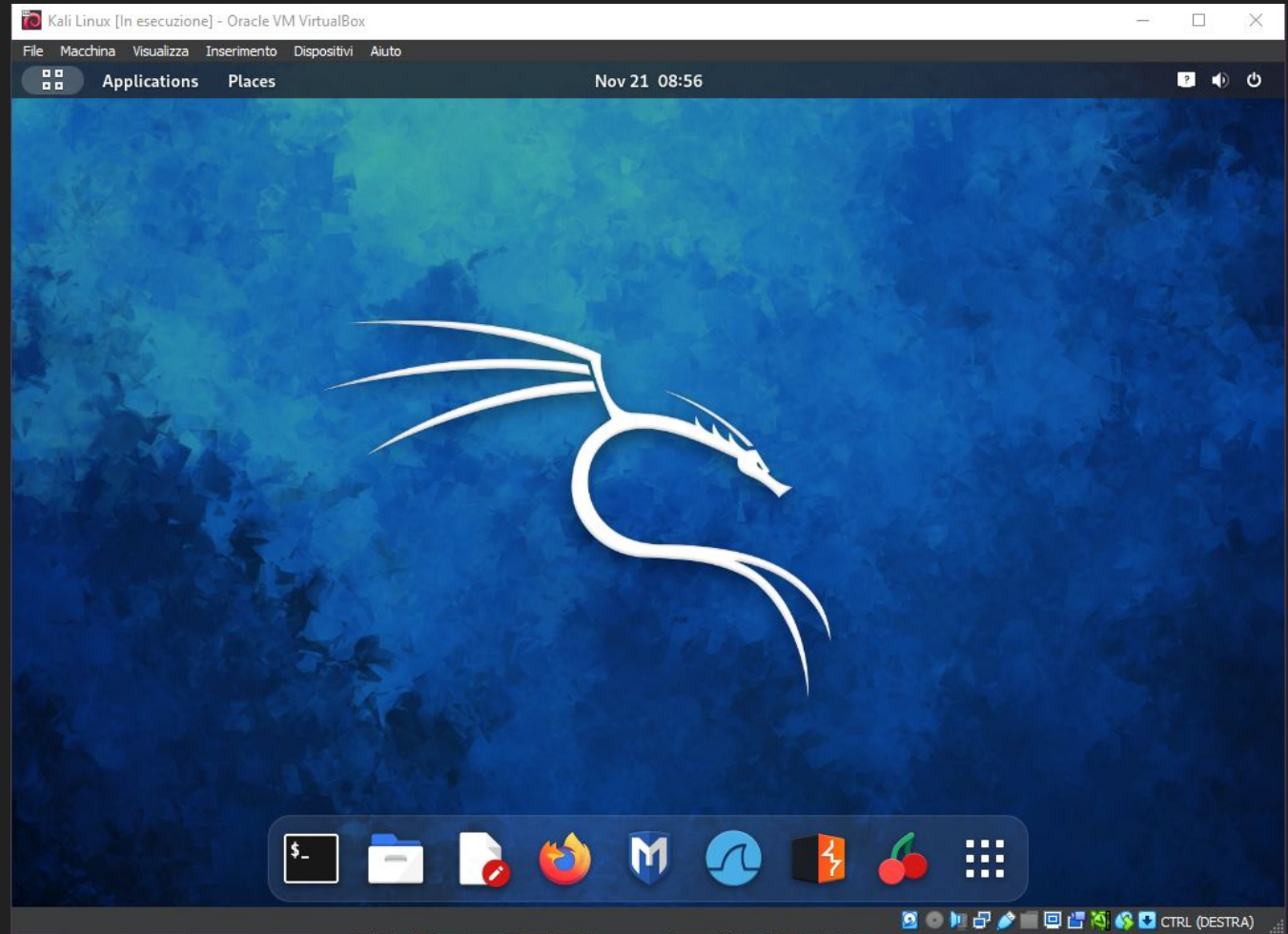


Ho installato tutte le macchine virtuali all'interno di Virtualbox



All'accensione tutte
le vm funzionano
correttamente



Kali linux

Metasploitable 2 [In esecuzione] - Oracle VM VirtualBox

```
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto
* Starting deferred execution scheduler atd [ OK ]
* Starting periodic command scheduler crond [ OK ]
* Starting Tomcat servlet engine tomcat5.5 [ OK ]
* Starting web server apache2 [ OK ]
* Running local boot scripts (/etc/rc.local)
nohup: appending output to 'nohup.out'
nohup: appending output to 'nohup.out' [ OK ]

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Warning: Never expose this VM to an untrusted network!

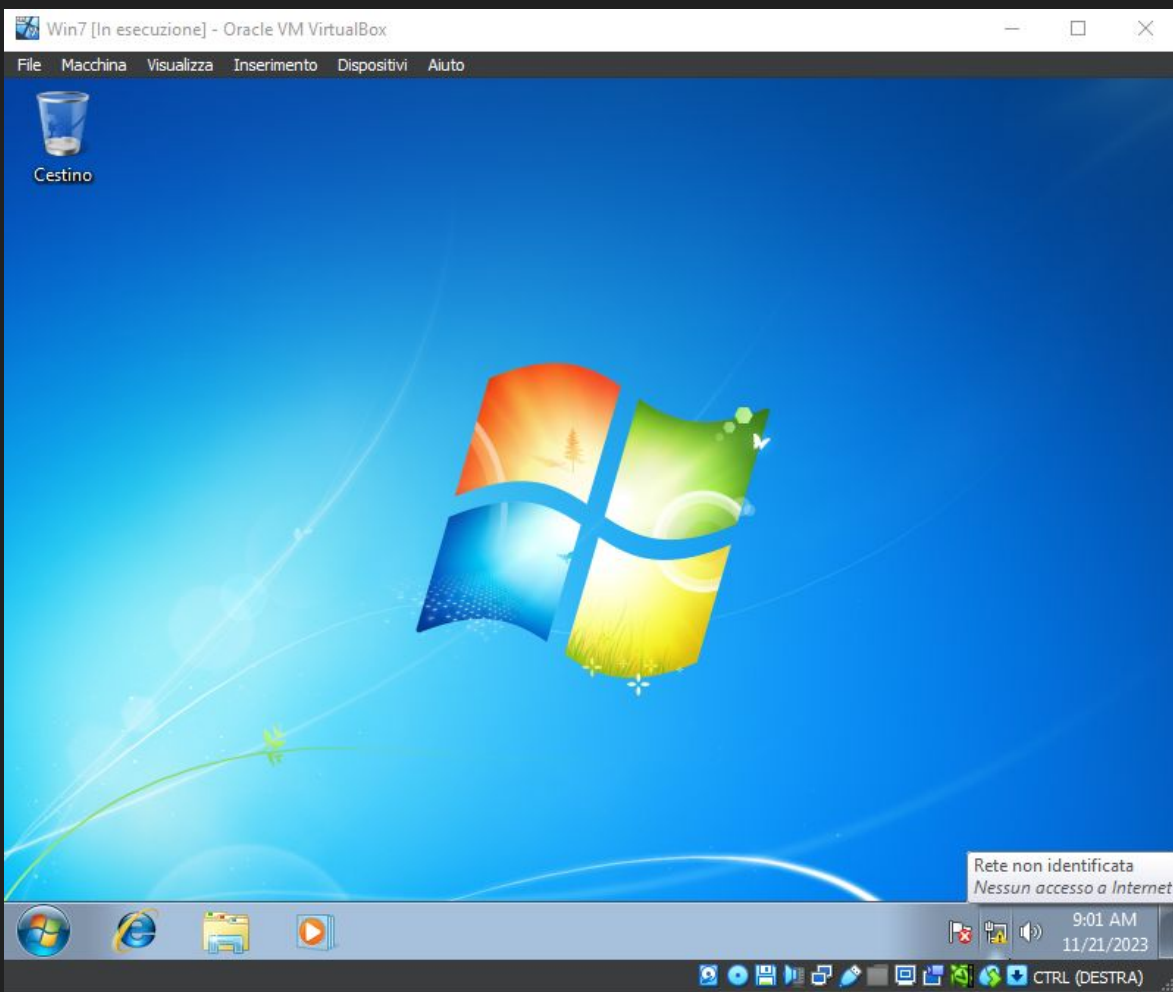
Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started

metasploitable login: /
```

CTRL (DESTRA)

Metasploitable



Windows 7

```
kali@kali: ~  
  
(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:fe9d:d464 prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:9d:d4:64 txqueuelen 1000 (Ethernet)  
    RX packets 180 bytes 16660 (16.2 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 64 bytes 5924 (5.7 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 56 bytes 4736 (4.6 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 56 bytes 4736 (4.6 KiB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
(kali@kali)-[~]  
$
```

configurazione ip di
Kali linux

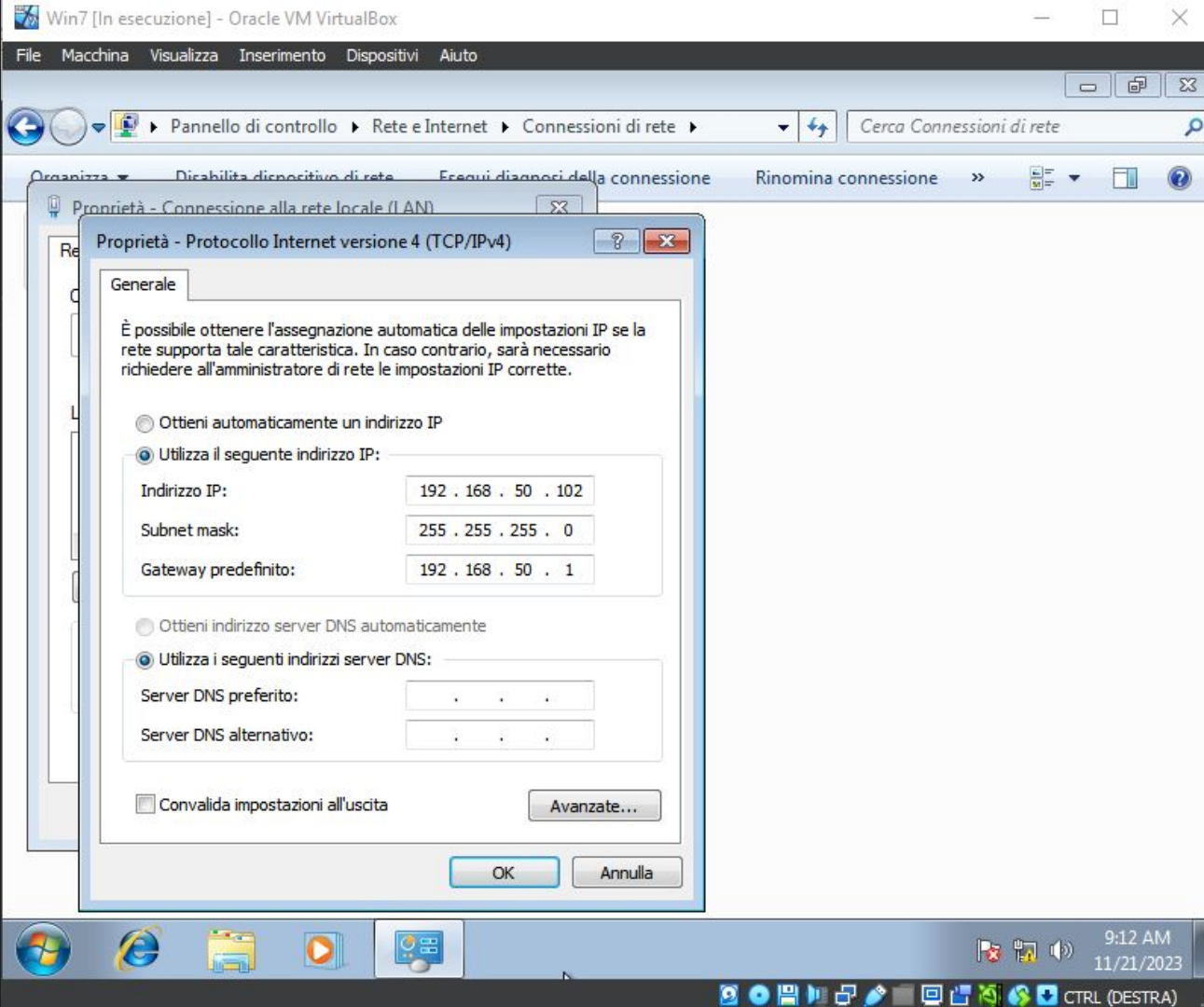

```
Metasploitable 2 [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:b7:1e:00
          inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:feb7:1e00/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:13 errors:0 dropped:0 overruns:0 frame:0
          TX packets:129 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:1212 (1.1 KB)  TX bytes:11118 (10.8 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:185 errors:0 dropped:0 overruns:0 frame:0
          TX packets:185 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:51617 (50.4 KB)  TX bytes:51617 (50.4 KB)

msfadmin@metasploitable:~$
```

configurazione ip
Metasploitable



configurazione ip
Windows

kali@kali: ~

```
(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=1.25 ms  
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.813 ms  
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.665 ms  
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.593 ms  
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.596 ms  
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=0.631 ms  
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.865 ms  
^C64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=0.840 ms  
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=0.666 ms  
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=4.26 ms  
^C  
--- 192.168.50.101 ping statistics ---  
10 packets transmitted, 10 received, 0% packet loss, time 9099ms  
rtt min/avg/max/mdev = 0.593/1.118/4.258/1.063 ms
```

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

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

Kali riesce a comunicare correttamente con le altre vm, come di seguito



kali@kali: ~



```
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=4.26 ms
```

```
^C
```

```
--- 192.168.50.101 ping statistics ---
```

```
10 packets transmitted, 10 received, 0% packet loss, time 9099ms
```

```
rtt min/avg/max/mdev = 0.593/1.118/4.258/1.063 ms
```

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

```
$
```

```
(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=1.21 ms
```

```
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.520 ms
```

```
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.429 ms
```

```
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.523 ms
```

```
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.502 ms
```

```
^C
```

```
--- 192.168.50.102 ping statistics ---
```

```
5 packets transmitted, 5 received, 0% packet loss, time 4071ms
```

```
rtt min/avg/max/mdev = 0.429/0.635/1.205/0.286 ms
```

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

```
$
```