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Metasploitable2 [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto

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:121 errors:0 dropped:0 overruns:0 frame:0
        TX packets:121 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:27185 (26.5 KB)  TX bytes:27185 (26.5 KB)

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=9.78 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.651 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.504 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.719 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.649 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.601 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=0.561 ms
64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=0.683 ms

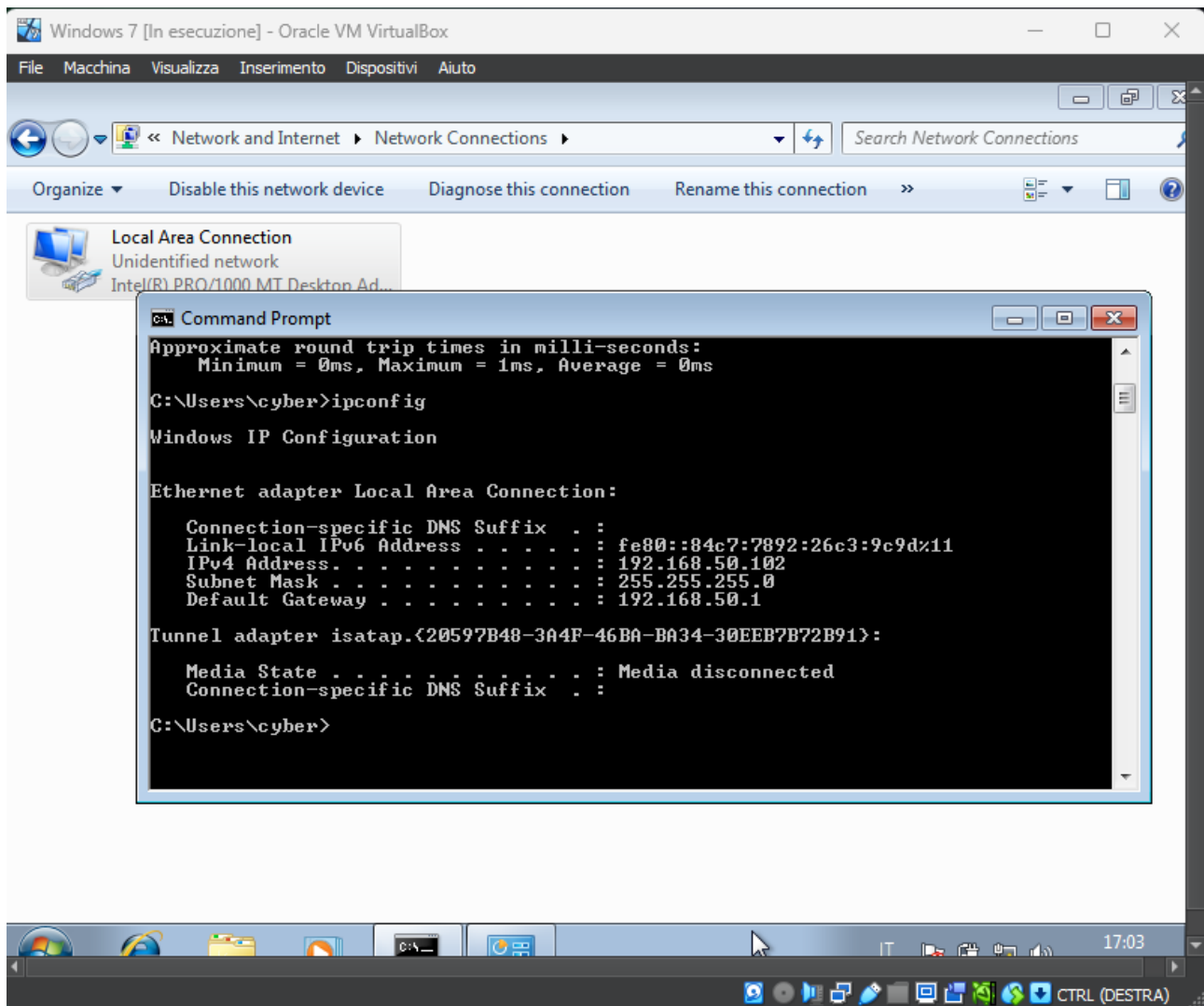
--- 192.168.50.100 ping statistics ---
8 packets transmitted, 8 received, 0% packet loss, time 6998ms
rtt min/avg/max/mdev = 0.504/1.769/9.787/3.031 ms
msfadmin@metasploitable:~$ _
```

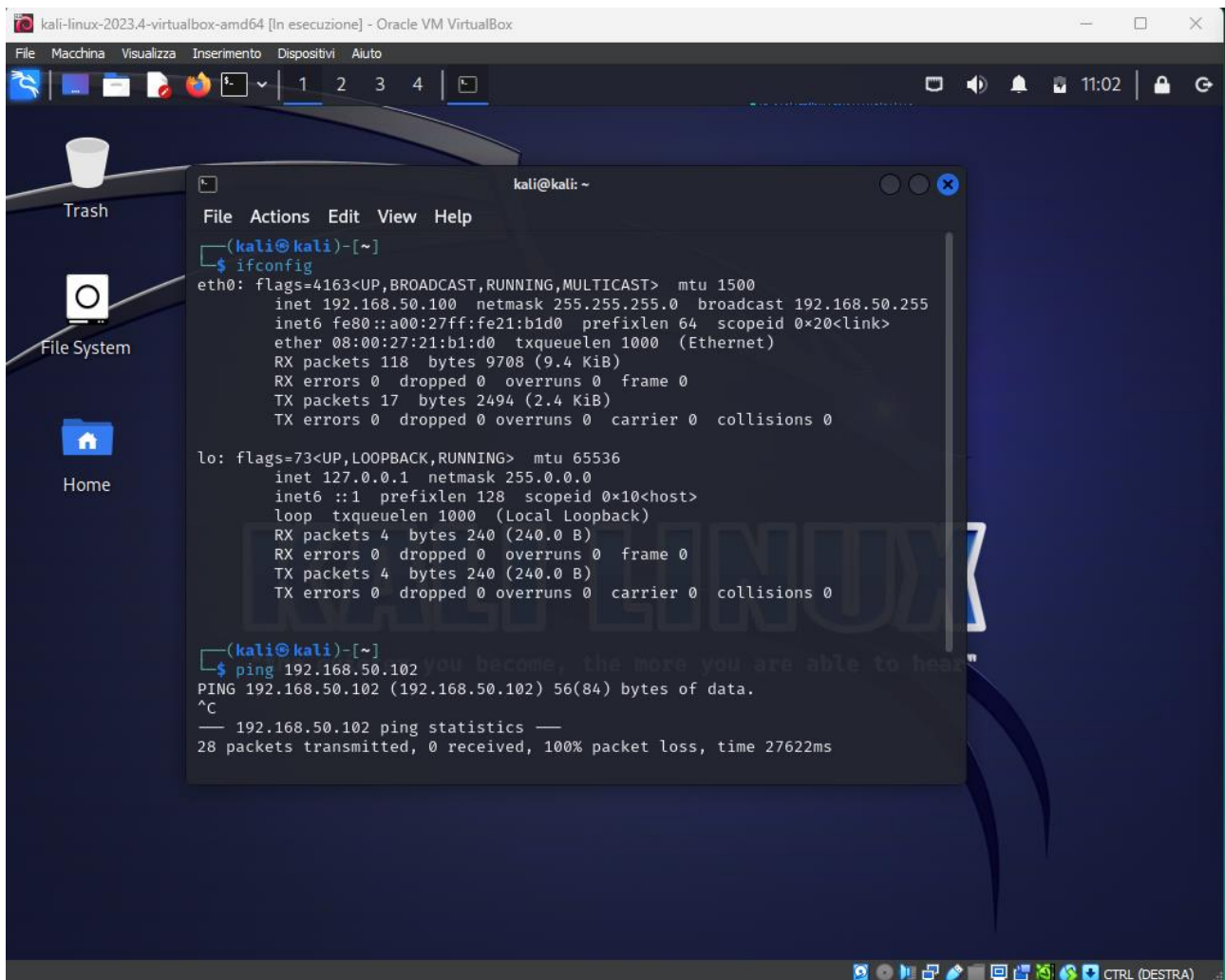
```
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To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:a8:47:39
        inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
        inet6 addr: fe80::a00:27ff:fea8:4739/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:64 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:0 (0.0 B)  TX bytes:4752 (4.6 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:121 errors:0 dropped:0 overruns:0 frame:0
        TX packets:121 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:27185 (26.5 KB)  TX bytes:27185 (26.5 KB)

msfadmin@metasploitable:~$ _
```





```
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:fe21:b1d0 prefixlen 64 scopeid 0<link>  
    ether 08:00:27:21:b1:d0 txqueuelen 1000 (Ethernet)  
    RX packets 118 bytes 9708 (9.4 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 17 bytes 2494 (2.4 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 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  
  
(kali@kali)-[~]  
$ ping 192.168.50.102  
PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.  
^C  
— 192.168.50.102 ping statistics —  
28 packets transmitted, 0 received, 100% packet loss, time 27622ms
```

Come si evince dalle immagini ho proceduto prima ad installare le macchine come ci è stato insegnato, ho impostato le schede di rete sulla rete interna, ho proceduto ad attivare le macchine ed a modificare l'indirizzo ip statico di ogni macchina. Successivamente ho provato a far pingare le macchine tra di loro con il seguente risultato:

- 1) Windows comunica con Kali e metasploitable
- 2) Kali non raggiunge Windows ma raggiunge metasploitable
- 3) kali e metasploitable si raggiungono a vicenda