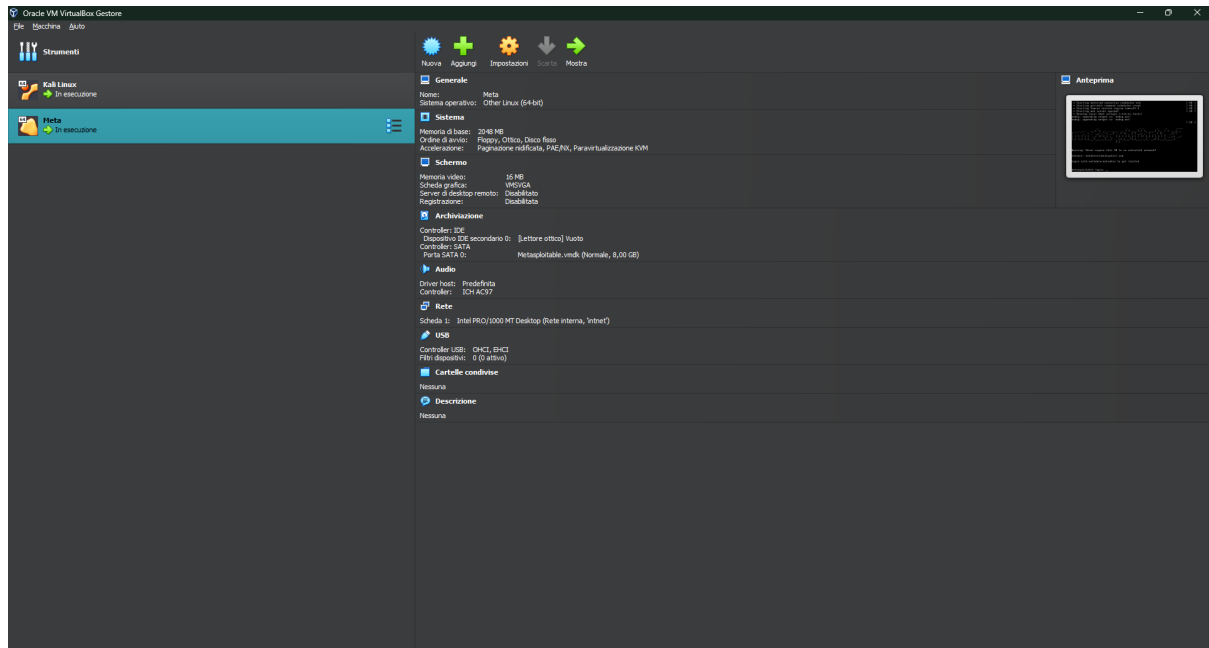


Consegna S1/L1 Riccardo Agostino Monti

Virtualbox Installato:



Kali Linux Installato e configurate le impostazioni di rete



Metasploitable installato e configurato:

```
Meta [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:a1:78:41
          inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fea1:7841/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:65 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:5038 (4.9 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:122 errors:0 dropped:0 overruns:0 frame:0
          TX packets:122 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:27289 (26.6 KB)  TX bytes:27289 (26.6 KB)

msfadmin@metasploitable:~$ +
```

Win 7 installato, configurato e ping verso kali linux eseguito con successo. Ho poi notato che Win 7 non riceve pacchetti in entrata dagli altri OS, questo problema è probabilmente causato dalla configurazione firewall di Win 7

```
Win 7 [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto

Cestino

C:\Windows\system32\cmd.exe

Scheda Ethernet Connessione alla rete locale (LAN):
  Suffisso DNS specifico per connessione:
  Indirizzo IPv6 locale rispetto al collegamento . : fe80::8154:8394:78e7:2de0%11
  Indirizzo IPv4. . . . . : 192.168.50.102
  Subnet mask . . . . . : 255.255.255.0
  Gateway predefinito . . . . . : 192.168.50.1

Scheda Tunnel isatap.{F891E901-8398-40DE-A396-D2642F6F2A42}:
  Stato supporto. . . . . : Supporto disconnesso
  Suffisso DNS specifico per connessione:

C:\Users\admin>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\admin>\S
```

Ping da metasploitable a linux:

```
Meta [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto
TX packets:122 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:27289 (26.6 KB) TX bytes:27289 (26.6 KB)

msfadmin@metasploitable:~$ 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=0.010 ms
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.057 ms
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.011 ms
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.010 ms
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.011 ms
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=0.012 ms
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.013 ms
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=0.063 ms
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=0.012 ms
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=0.013 ms
64 bytes from 192.168.50.101: icmp_seq=11 ttl=64 time=0.012 ms
64 bytes from 192.168.50.101: icmp_seq=12 ttl=64 time=0.012 ms
64 bytes from 192.168.50.101: icmp_seq=13 ttl=64 time=0.012 ms
64 bytes from 192.168.50.101: icmp_seq=14 ttl=64 time=0.080 ms

--- 192.168.50.101 ping statistics ---
14 packets transmitted, 14 received, 0% packet loss, time 12995ms
rtt min/avg/max/mdev = 0.010/0.023/0.080/0.023 ms
msfadmin@metasploitable:~$ _
```

Ping da linux a metasploitable a linux:

```
kali@kali: ~
File  Actions  Edit  View  Help
(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=0.294 ms
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.257 ms
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.198 ms
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.216 ms
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.176 ms
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=0.221 ms
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.224 ms
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=0.247 ms
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=0.186 ms
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=0.214 ms
64 bytes from 192.168.50.101: icmp_seq=11 ttl=64 time=0.214 ms
64 bytes from 192.168.50.101: icmp_seq=12 ttl=64 time=0.213 ms
64 bytes from 192.168.50.101: icmp_seq=13 ttl=64 time=0.185 ms
64 bytes from 192.168.50.101: icmp_seq=14 ttl=64 time=0.370 ms
64 bytes from 192.168.50.101: icmp_seq=15 ttl=64 time=0.215 ms
64 bytes from 192.168.50.101: icmp_seq=16 ttl=64 time=0.224 ms
64 bytes from 192.168.50.101: icmp_seq=17 ttl=64 time=0.238 ms
64 bytes from 192.168.50.101: icmp_seq=18 ttl=64 time=0.181 ms
^C
--- 192.168.50.101 ping statistics ---
18 packets transmitted, 18 received, 0% packet loss, time 17386ms
rtt min/avg/max/mdev = 0.176/0.226/0.370/0.044 ms
```