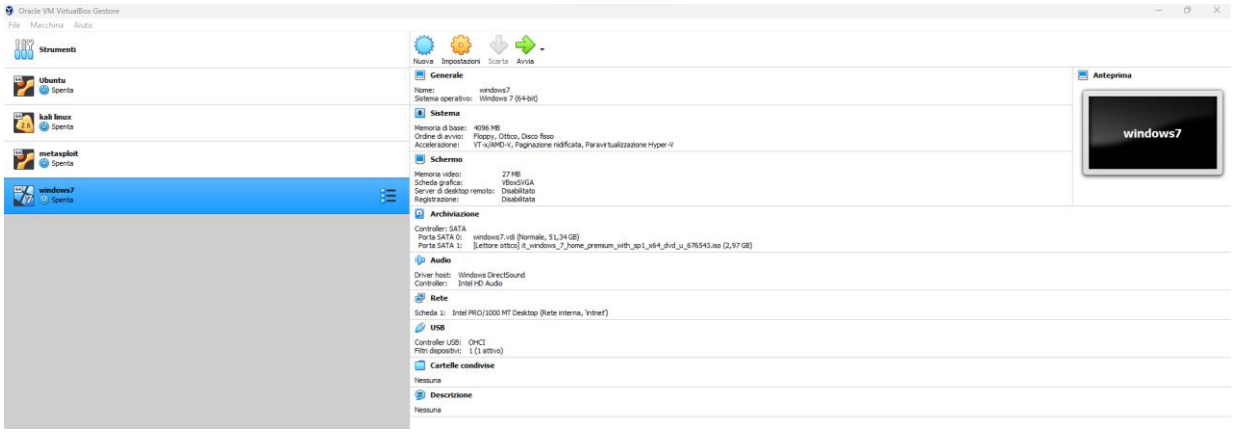
Creazione e configurazione laboratorio virtuale

Overview laboratorio:



Ping from metasploit to kali linux:

```
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=6.94 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.457 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.424 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.257 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.162 ms
64 bytes from 192.168.50.100: icmp_seq=6 ttl=64 time=0.626 ms
64 bytes from 192.168.50.100: icmp_seq=7 ttl=64 time=0.190 ms
64 bytes from 192.168.50.100: icmp_seq=8 ttl=64 time=0.445 ms
64 bytes from 192.168.50.100: icmp_seq=9 ttl=64 time=0.449 ms
64 bytes from 192.168.50.100: icmp_seq=10 ttl=64 time=0.187 ms
64 bytes from 192.168.50.100: icmp_seq=11 ttl=64 time=0.360 ms
64 bytes from 192.168.50.100: icmp_seq=12 ttl=64 time=0.527 ms
64 bytes from 192.168.50.100: icmp_seq=13 ttl=64 time=0.447 ms
64 bytes from 192.168.50.100: icmp_seq=14 ttl=64 time=0.412 ms
64 bytes from 192.168.50.100: icmp_seq=15 ttl=64 time=0.152 ms
64 bytes from 192.168.50.100: icmp_seq=16 ttl=64 time=0.541 ms
64 bytes from 192.168.50.100: icmp_seq=17 ttl=64 time=0.165 ms

--- 192.168.50.100 ping statistics ---
17 packets transmitted, 17 received, 0% packet loss, time 16006ms
rtt min/avg/max/mdev = 0.152/0.749/6.942/1.555 ms
msfadmin@metasploitable:~$
```

Ping from kali linux to metasploit:

```
┌──(kali㉿kali)-[/etc/network]
└─$ 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=0.148 ms
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=0.153 ms
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.223 ms
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.154 ms
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.171 ms
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=0.168 ms
64 bytes from 192.168.50.101: icmp_seq=7 ttl=64 time=0.159 ms
64 bytes from 192.168.50.101: icmp_seq=8 ttl=64 time=0.158 ms
64 bytes from 192.168.50.101: icmp_seq=9 ttl=64 time=0.144 ms
64 bytes from 192.168.50.101: icmp_seq=10 ttl=64 time=0.194 ms
64 bytes from 192.168.50.101: icmp_seq=11 ttl=64 time=0.152 ms
64 bytes from 192.168.50.101: icmp_seq=12 ttl=64 time=0.150 ms
64 bytes from 192.168.50.101: icmp_seq=13 ttl=64 time=0.163 ms
64 bytes from 192.168.50.101: icmp_seq=14 ttl=64 time=0.176 ms
64 bytes from 192.168.50.101: icmp_seq=15 ttl=64 time=0.145 ms
64 bytes from 192.168.50.101: icmp_seq=16 ttl=64 time=0.164 ms
64 bytes from 192.168.50.101: icmp_seq=17 ttl=64 time=0.141 ms
64 bytes from 192.168.50.101: icmp_seq=18 ttl=64 time=0.150 ms
^C
── 192.168.50.101 ping statistics ──
18 packets transmitted, 18 received, 0% packet loss, time 17396ms
rtt min/avg/max/mdev = 0.141/0.161/0.223/0.019 ms
```

Ping from kali linux to windows7:

```
┌──(kali㉿kali)-[~/Desktop]
└─$ 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=0.193 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.196 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.202 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.185 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.187 ms
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=0.214 ms
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=0.192 ms
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=0.194 ms
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.222 ms
64 bytes from 192.168.50.102: icmp_seq=10 ttl=128 time=0.200 ms
64 bytes from 192.168.50.102: icmp_seq=11 ttl=128 time=0.210 ms
64 bytes from 192.168.50.102: icmp_seq=12 ttl=128 time=0.208 ms
64 bytes from 192.168.50.102: icmp_seq=13 ttl=128 time=0.189 ms
^C
── 192.168.50.102 ping statistics ──
13 packets transmitted, 13 received, 0% packet loss, time 12261ms
rtt min/avg/max/mdev = 0.185/0.199/0.222/0.010 ms
```

Ping from metasploit to windows7:

```
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=0.161 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.162 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.199 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.226 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.173 ms
64 bytes from 192.168.50.102: icmp_seq=6 ttl=128 time=0.165 ms
64 bytes from 192.168.50.102: icmp_seq=7 ttl=128 time=0.211 ms
64 bytes from 192.168.50.102: icmp_seq=8 ttl=128 time=0.237 ms
64 bytes from 192.168.50.102: icmp_seq=9 ttl=128 time=0.187 ms
64 bytes from 192.168.50.102: icmp_seq=10 ttl=128 time=0.497 ms
64 bytes from 192.168.50.102: icmp_seq=11 ttl=128 time=0.186 ms
64 bytes from 192.168.50.102: icmp_seq=12 ttl=128 time=0.469 ms

--- 192.168.50.102 ping statistics ---
12 packets transmitted, 12 received, 0% packet loss, time 10993ms
rtt min/avg/max/mdev = 0.161/0.239/0.497/0.112 ms
msfadmin@metasploitable:~$
```

Ping from windows7 to kali linux:

```
C:\Users\Valerio>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\Valerio>
```

Ping from windows7 to metasploit:

```
C:\Users\Valerio>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 =  0ms, Medio =  0ms

C:\Users\Valerio>
```