



# ESERCITAZIONE 2

## CREAZIONE DI UN LAB VIRTUALE

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Il laboratorio virtuale è costituito da una rete interna che include 3 macchine virtuali

Kali Linux (192.168.50.100)

Windows 7 (192.168.50.102)

Metasploitable (192.168.50.101)

L'esercizio era di configurare tutti i sistemi operativi così che possano comunicare tra loro.

Ecco gli screen qui sotto:

## Metasploitable per Windows 7 e Kali Linux

```
Metasploitable 2 [In esecuzione] - Oracle VM VirtualBox
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto
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=0.000 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.000 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.000 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.000 ms
64 bytes from 192.168.50.100: icmp_seq=5 ttl=64 time=0.000 ms

--- 192.168.50.100 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4000ms
rtt min/avg/max/mdev = 0.000/0.000/0.000/0.000 ms
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=10.0 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.000 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.000 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.000 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.000 ms

--- 192.168.50.102 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4000ms
rtt min/avg/max/mdev = 0.000/2.000/10.001/4.000 ms
msfadmin@metasploitable:~$ s_
```



# Windows 7 per Kali Linux e Metasploitable

C:\Windows\system32\cmd.exe

C:\Users\andrea>ping 192.168.50.100

Pinging 192.168.50.100 with 32 bytes of data:

Reply from 192.168.50.100: bytes=32 time<1ms TTL=64

Reply from 192.168.50.100: bytes=32 time<1ms TTL=64

Reply from 192.168.50.100: bytes=32 time<1ms TTL=64

Reply from 192.168.50.100: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.50.100:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\andrea>ping 192.168.50.101

Pinging 192.168.50.101 with 32 bytes of data:

Reply from 192.168.50.101: bytes=32 time=2ms TTL=64

Reply from 192.168.50.101: bytes=32 time<1ms TTL=64

Reply from 192.168.50.101: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.50.101:

Packets: Sent = 3, Received = 3, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 2ms, Average = 0ms

Control-C



EN



17:30

04/11/2023



CTRL (DESTRA)

# Kali Linux per Metasploitable e Windows 7

```
File  Macchina  Visualizza  Inserimento  Dispositivi  Aiuto
[Icons] | 1 2 3 4 |
[Terminal Icon] andrea@kali: ~

File  Actions  Edit  View  Help

└─$ 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=1.58 ms
64 bytes from 192.168.50.101: icmp_seq=2 ttl=64 time=16.5 ms
64 bytes from 192.168.50.101: icmp_seq=3 ttl=64 time=0.504 ms
64 bytes from 192.168.50.101: icmp_seq=4 ttl=64 time=0.420 ms
64 bytes from 192.168.50.101: icmp_seq=5 ttl=64 time=0.420 ms
64 bytes from 192.168.50.101: icmp_seq=6 ttl=64 time=0.552 ms
^C
— 192.168.50.101 ping statistics —
6 packets transmitted, 6 received, 0% packet loss, time 5223ms
rtt min/avg/max/mdev = 0.420/3.322/16.458/5.888 ms

└─(andrea@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=1.17 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.718 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.498 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.638 ms
64 bytes from 192.168.50.102: icmp_seq=5 ttl=128 time=0.757 ms
^C
— 192.168.50.102 ping statistics —
5 packets transmitted, 5 received, 0% packet loss, time 4051ms
rtt min/avg/max/mdev = 0.498/0.756/1.170/0.225 ms

└─(andrea@kali)-[~]
└─$ s
fwd-i-search: _
```