

Esercitazione 2

Creazione di Laboratorio Virtuale

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Laboratorio Virtuale

Il laboratorio che stiamo realizzando è composto da tre macchine virtuale connesso tra di loro con una rete interna e possono comunicare tramite questa rete senza avere accesso dall'esterno ne dalla macchina host.

Le macchine sono:

-kali linux()

-windows 7()

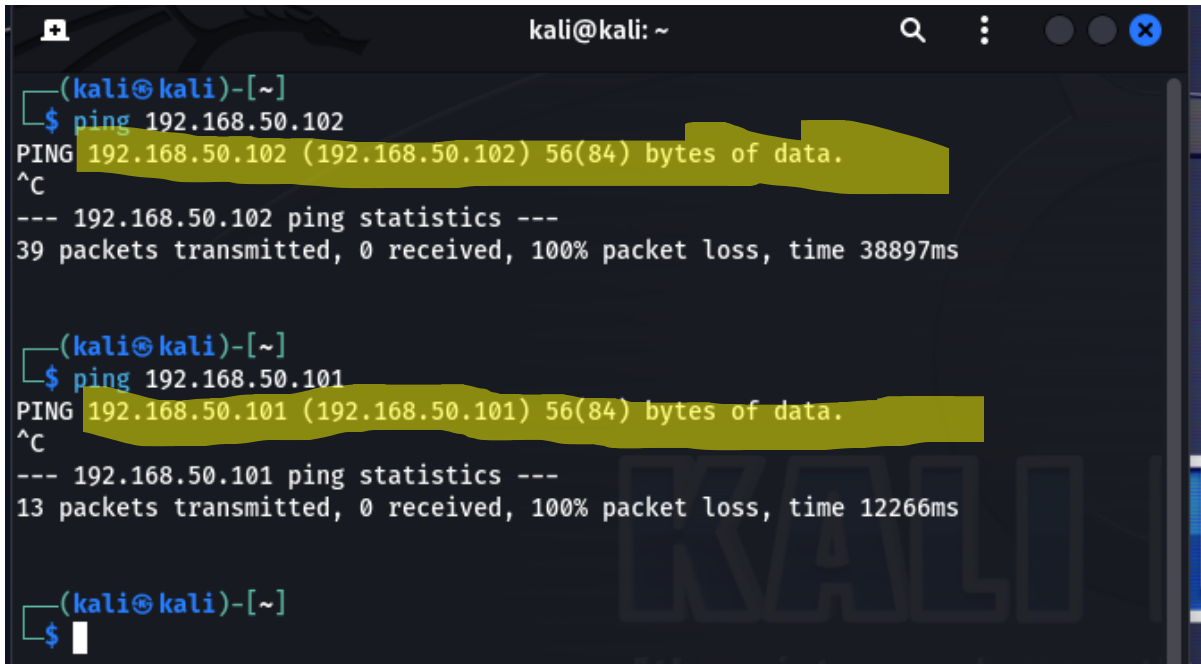
-metasploitable()

Perciò,ogni macchina sara configurata dal suo address IP afine di comunicare corettamente con le altre macchine.

L'indirizzo della macchina Host è:192.168.1.4

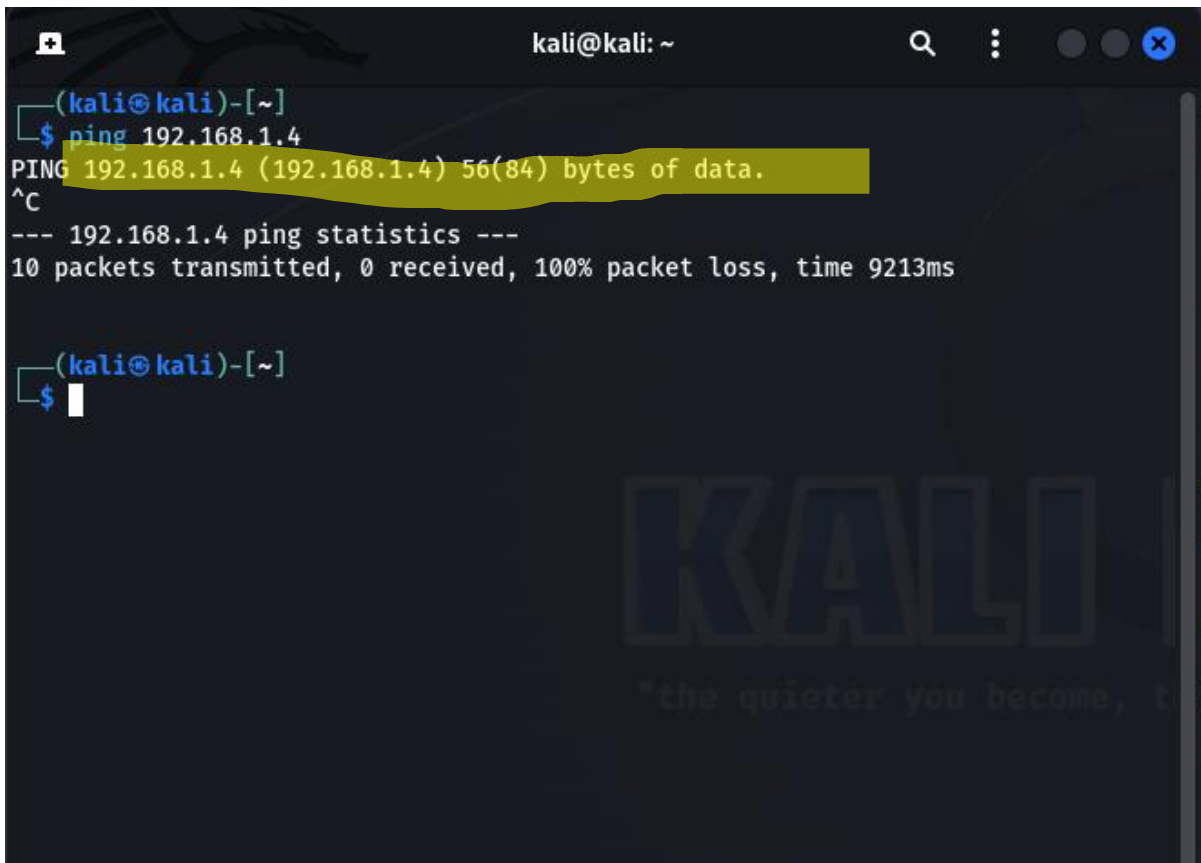
In seguito,dimostrerò a traverso le screenshot come le macchine virtuale comunicano tra di loro attraverso una rete interna senza interagire con la macchina host e l'esterno.

La macchina kali linux (192.168.50.100) può comunicare windows 7(192.168.50.101) e con la macchina metasploitable (192.168.50.102)

A terminal window titled 'kali@kali: ~' showing two ping commands. The first command is 'ping 192.168.50.102', which returns 'PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.' followed by '^C' and '--- 192.168.50.102 ping statistics --- 39 packets transmitted, 0 received, 100% packet loss, time 38897ms'. The second command is 'ping 192.168.50.101', which returns 'PING 192.168.50.101 (192.168.50.101) 56(84) bytes of data.' followed by '^C' and '--- 192.168.50.101 ping statistics --- 13 packets transmitted, 0 received, 100% packet loss, time 12266ms'. The prompt '(kali@kali)-[~]' is shown before each command. The prompt '\$' is shown after the second command.

```
(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 ---  
39 packets transmitted, 0 received, 100% packet loss, time 38897ms  
  
(kali@kali)-[~]  
$ ping 192.168.50.101  
PING 192.168.50.101 (192.168.50.101) 56(84) bytes of data.  
^C  
--- 192.168.50.101 ping statistics ---  
13 packets transmitted, 0 received, 100% packet loss, time 12266ms  
  
(kali@kali)-[~]  
$
```

Le macchine virtuali non possono comunicare con la macchina host(192.168.1.4) neanche con l'esterno.

A terminal window titled 'kali@kali: ~' showing a ping command 'ping 192.168.1.4'. It returns 'PING 192.168.1.4 (192.168.1.4) 56(84) bytes of data.' followed by '^C' and '--- 192.168.1.4 ping statistics --- 10 packets transmitted, 0 received, 100% packet loss, time 9213ms'. The prompt '(kali@kali)-[~]' is shown before the command. The prompt '\$' is shown after the command.

```
(kali@kali)-[~]  
$ ping 192.168.1.4  
PING 192.168.1.4 (192.168.1.4) 56(84) bytes of data.  
^C  
--- 192.168.1.4 ping statistics ---  
10 packets transmitted, 0 received, 100% packet loss, time 9213ms  
  
(kali@kali)-[~]  
$
```

Metasploitable (192.168.50.101) può comunicare con kali linux(192.168.50.102) e windows 7(192.168.50.100)

```
Terminal
Metasploit tip: You can upgrade a shell to a Meterpreter
session on many platforms using sessions -u
<session_id>
Metasploit Documentation: https://docs.metasploit.com/

msf6 > ping 192.168.50.102
[*] exec: ping 192.168.50.102
PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.
^C
Interrupt: use the 'exit' command to quit
--- 192.168.50.102 ping statistics ---
61 packets transmitted, 0 received, 100% packet loss, time 61414ms

msf6 > ping 192.168.50.100
[*] exec: ping 192.168.50.100
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data.
^CInterrupt: use the 'exit' command to quit
--- 192.168.50.100 ping statistics ---
15 packets transmitted, 0 received, 100% packet loss, time 14323ms

msf6 > 
```