1 Connectivité Des Machines Virtuelles



```
depressoldenessor:* s. Docorig: -a
Command 'incornig' from deb haloc (5.7.1.4-Build)

depressoldenessor: s. Incornig: -a
duckero: ilags-ade93-UR, BRORDORS, MULTICRS)
multiple (5.8.1-Build)
depressoldenessor: s. Incornig: -a
duckero: ilags-ade93-UR, BRORDORS, MULTICRS)
multiple (5.8.1-Build)
depressoldenessor: s. Grouped 0 overruns 0 frame 0
TX, Carkets 0 bytes (6.0-B)
TX, Cercors 0 ordoped 2 overruns 0 carrier 0 collisions 0

ens33: flags-s153-UR, BRORDORS, RUMINIA, MULTICRSD multiple
multiple (5.0-Build)
debe (6.0-Build)
debe (6.0-
```

Connectivité

D'après les captures d'écran, on remarque que les adresses IP des machines sont :

• Ubuntu: 172.20.10.5

• Kali Linux: 172.20.10.4

Et le ping est réussi, donc il y a une connectivité.

2 Restriction Des Paquets Entrants Vers Ubuntu

```
depressOddepresso:"$ sudo iptables -I INPUT -p icmp -icmp-type echo-request -j DROP
depressOddepresso:"$ sudo iptables -L
Chain INPUT (policy ACCEPT)
target prot opt source
DROP icmp -- anywhere anywhere
DROP icmp -- anywher
```

Remarque

- On constate que iptables d'Ubuntu n'accepte plus les ping entrants (chain INPUT policy DROP).
- Kali Linux ne peut plus envoyer de requêtes ping vers la machine Ubuntu.

Restriction Des Paquets Sortants Depuis Ubuntu 3

```
-presso@depresso:~$ sudo iptables -I OUTPUT -p icmp --icmp-type echo-request -j DROP-
hain INPUT (policy ACCEPT)
arget prot opt source destination
ROP icmp -- anywhere anywhere icmp -- anywhere anywhere anywhere
Chain FORWARD (policy DROP)
tanget prot opt source
DOCKER-USER all -- anywhere
DOCKER-SOLATION-STAGE-1 all
ACCEPT all -- anywhere
DOCKER all -- anywhere
ACCEPT all -- anywhere
ACCEPT all -- anywhere
ACCEPT all -- anywhere
                                                                                                             destination
                                                                                                                                                     anywhere
ctstate RELATED,ESTABLISHED
                                                                                                             anywhere
anywhere
anywhere
anywhere
                                                                                                              anywhere
Chain OUTPUT (policy ACCEPT)
tanget prot opt source
DROP icmp -- anywhere
DROP icmp -- anywhere
                                                                                                             destination
anywhere
                                                                                                                                                                      icmp echo-request
icmp echo-request
                                                                                                              anywhere
 Chain DOCKER (1 references)
target prot opt source
Chain DOCKER-ISOLATION-STAGE-1 (1 references)
tanget prot opt source destination
DOCKER-ISOLATION-STAGE-2 all -- anywhere
RETURN all -- anywhere anywhere
                                                                                                                                                      anywhere
Chain DOCKER-ISOLATION-STAGE-2 (1 references)
tanget prot opt source destination
DROP all -- anywhere anywhere
RETURN all -- anywhere anywhere
Chain DOCKER-USER (1 references)
tanget prot opt source
RETURN all -- anywhere
depresso@depresso:~$ _
                                                                                                             destination
anywhere
```

```
depresso@depresso:~$ ping 172.20.10.4
PING 172.20.10.4 (172.20.10.4) 56(84) bytes of data.
--- 172.20.10.4 ping statistics ---
15 packets transmitted, 0 received, 100% packet loss, time 14358ms
```

Remarque

- On constate que iptables d'Ubuntu n'accepte plus les ping sortants (chain OUTPUT policy DROP).
- Ubuntu ne peut plus envoyer de requêtes ping vers la machine Kali Linux.