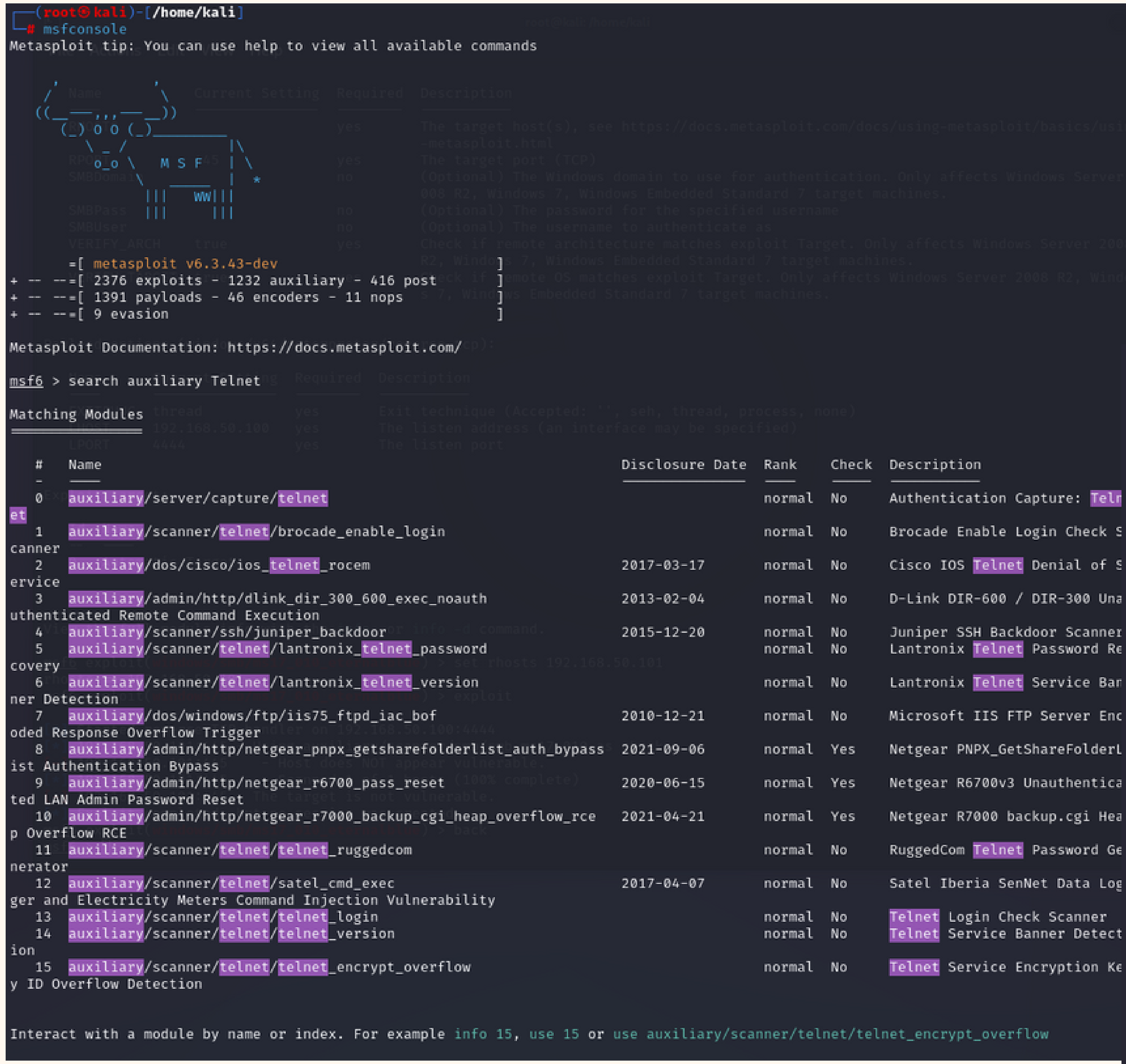
COMPITO S7-L2

EPICODE

Exploit Telnet con Metasploit

GENNAIO, 23-2024

AGUGLIA ANDREA



```
┌──(root㉿kali)-[/home/kali]
└─# msfconsole
Metasploit tip: You can use help to view all available commands

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     /             \
    ((__---,,,---__))
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                \   _____  |  *
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                 |||     |||

       =[ metasploit v6.3.43-dev                          ]
+ -- --=[ 2376 exploits - 1232 auxiliary - 416 post       ]
+ -- --=[ 1391 payloads - 46 encoders - 11 nops           ]
+ -- --=[ 9 evasion                                       ]

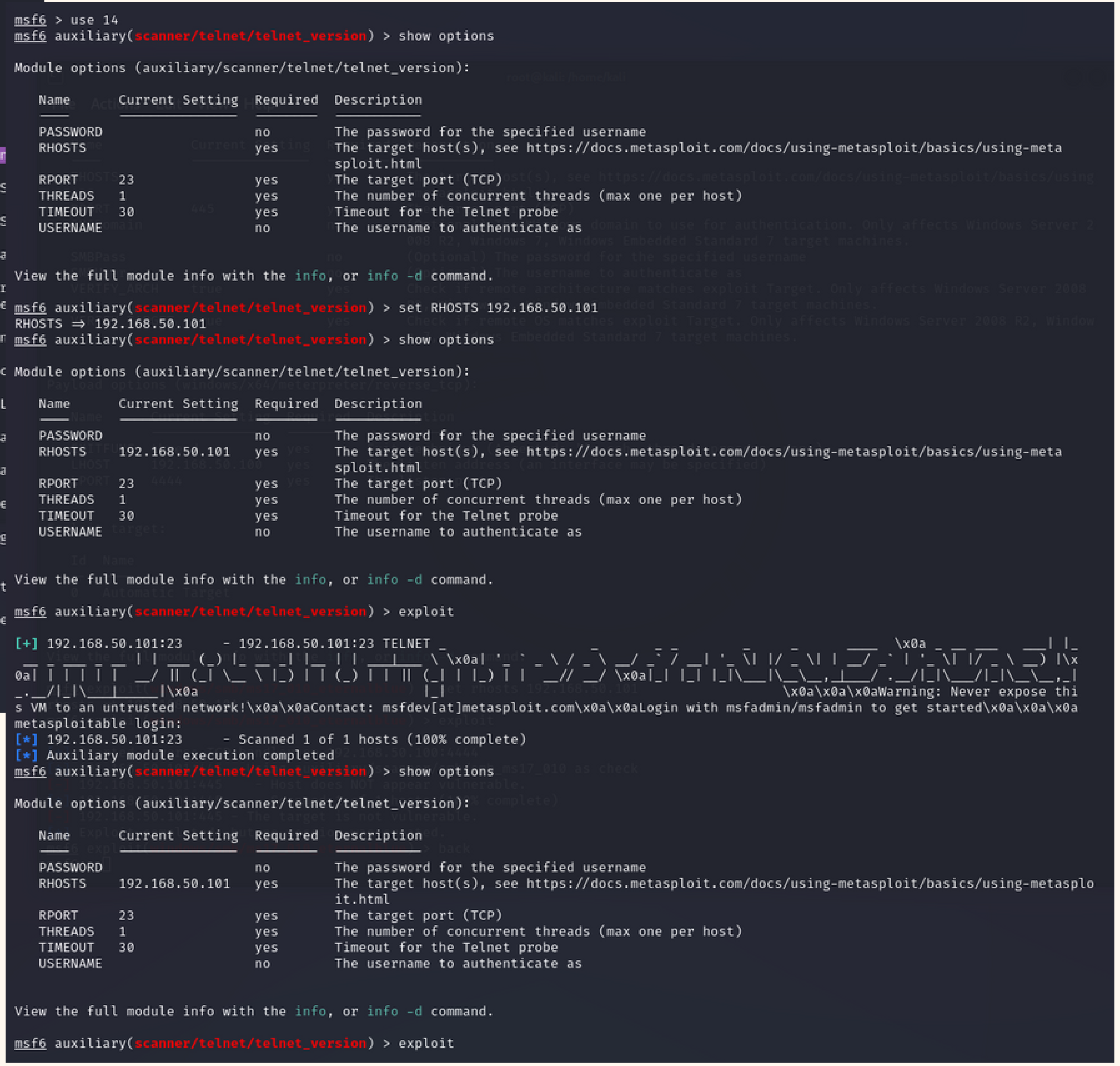
Metasploit Documentation: https://docs.metasploit.com/

msf6 > search auxiliary Telnet

Matching Modules
================

   #   Name                                                     Disclosure Date  Rank    Check  Description
   -   ----                                                     ---------------  ----    -----  -----------
   0   auxiliary/server/capture/telnet                                           normal  No     Authentication Capture: Teln
et
   1   auxiliary/scanner/telnet/brocade_enable_login                             normal  No     Brocade Enable Login Check S
canner
   2   auxiliary/dos/cisco/ios_telnet_rocem                     2017-03-17       normal  No     Cisco IOS Telnet Denial of S
ervice
   3   auxiliary/admin/http/dlink_dir_300_600_exec_noauth       2013-02-04       normal  No     D-Link DIR-600 / DIR-300 Una
uthenticated Remote Command Execution
   4   auxiliary/scanner/ssh/juniper_backdoor                   2015-12-20       normal  No     Juniper SSH Backdoor Scanner
   5   auxiliary/scanner/telnet/lantronix_telnet_password                        normal  No     Lantronix Telnet Password Re
covery
   6   auxiliary/scanner/telnet/lantronix_telnet_version                         normal  No     Lantronix Telnet Service Ban
ner Detection
   7   auxiliary/dos/windows/ftp/iis75_ftpd_iac_bof             2010-12-21       normal  No     Microsoft IIS FTP Server Enc
oded Response Overflow Trigger
   8   auxiliary/admin/http/netgear_pnpx_getsharefolderlist_auth_bypass  2021-09-06  normal  Yes  Netgear PNPX_GetShareFolderL
ist Authentication Bypass
   9   auxiliary/admin/http/netgear_r6700_pass_reset            2020-06-15       normal  Yes    Netgear R6700v3 Unauthentica
ted LAN Admin Password Reset
   10  auxiliary/admin/http/netgear_r7000_backup_cgi_heap_overflow_rce  2021-04-21  normal  Yes  Netgear R7000 backup.cgi Hea
p Overflow RCE
   11  auxiliary/scanner/telnet/telnet_ruggedcom                                 normal  No     RuggedCom Telnet Password Ge
nerator
   12  auxiliary/scanner/telnet/satel_cmd_exec                  2017-04-07       normal  No     Satel Iberia SenNet Data Log
ger and Electricity Meters Command Injection Vulnerability
   13  auxiliary/scanner/telnet/telnet_login                                     normal  No     Telnet Login Check Scanner
   14  auxiliary/scanner/telnet/telnet_version                                   normal  No     Telnet Service Banner Detect
ion
   15  auxiliary/scanner/telnet/telnet_encrypt_overflow                          normal  No     Telnet Service Encryption Ke
y ID Overflow Detection


Interact with a module by name or index. For example info 15, use 15 or use auxiliary/scanner/telnet/telnet_encrypt_overflow
```



```
msf6 > use 14
msf6 auxiliary(scanner/telnet/telnet_version) > show options

Module options (auxiliary/scanner/telnet/telnet_version):

   Name      Current Setting  Required  Description
   ----      ---------------  --------  -----------
   PASSWORD                   no        The password for the specified username
   RHOSTS                     yes       The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics/using-meta
                                        sploit.html
   RPORT     23               yes       The target port (TCP)
   THREADS   1                yes       The number of concurrent threads (max one per host)
   TIMEOUT   30               yes       Timeout for the Telnet probe
   USERNAME                   no        The username to authenticate as


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

msf6 auxiliary(scanner/telnet/telnet_version) > set RHOSTS 192.168.50.101
RHOSTS ⇒ 192.168.50.101
msf6 auxiliary(scanner/telnet/telnet_version) > show options

Module options (auxiliary/scanner/telnet/telnet_version):

   Name      Current Setting  Required  Description
   ----      ---------------  --------  -----------
   PASSWORD                   no        The password for the specified username
   RHOSTS    192.168.50.101   yes       The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics/using-meta
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   THREADS   1                yes       The number of concurrent threads (max one per host)
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View the full module info with the info, or info -d command.

msf6 auxiliary(scanner/telnet/telnet_version) > exploit

[+] 192.168.50.101:23     - 192.168.50.101:23 TELNET _                  _       _ _    _     _        ____  \x0a _ __ ___   ___| |_
 __ _ ___ _ __ | | ___ (_) |_ __ _| |__ | | ___|___ \ \x0a| '_ ` _ \ / _ \ __/ _` / __| '_ \| |/ _ \| | __/ _` | '_ \| |/ _ \ __) |\x
0a| | | | | |  __/ || (_| \__ \ |_) | | (_) | | || (_| | |_) | |  __// __/ \x0a|_| |_| |_|\___|\__\__,_|___/ .__/|_|\___/|_|\__\__,_|
_.__/|_|\___|_____|\x0a                            |_|                                   \x0a\x0a\x0aWarning: Never expose thi
s VM to an untrusted network!\x0a\x0aContact: msfdev[at]metasploit.com\x0a\x0aLogin with msfadmin/msfadmin to get started\x0a\x0a\x0a
metasploitable login:
[*] 192.168.50.101:23     - Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
msf6 auxiliary(scanner/telnet/telnet_version) > show options

Module options (auxiliary/scanner/telnet/telnet_version):

   Name      Current Setting  Required  Description
   ----      ---------------  --------  -----------
   PASSWORD                   no        The password for the specified username
   RHOSTS    192.168.50.101   yes       The target host(s), see https://docs.metasploit.com/docs/using-metasplo
                                        it.html
   RPORT     23               yes       The target port (TCP)
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msf6 auxiliary(scanner/telnet/telnet_version) > exploit
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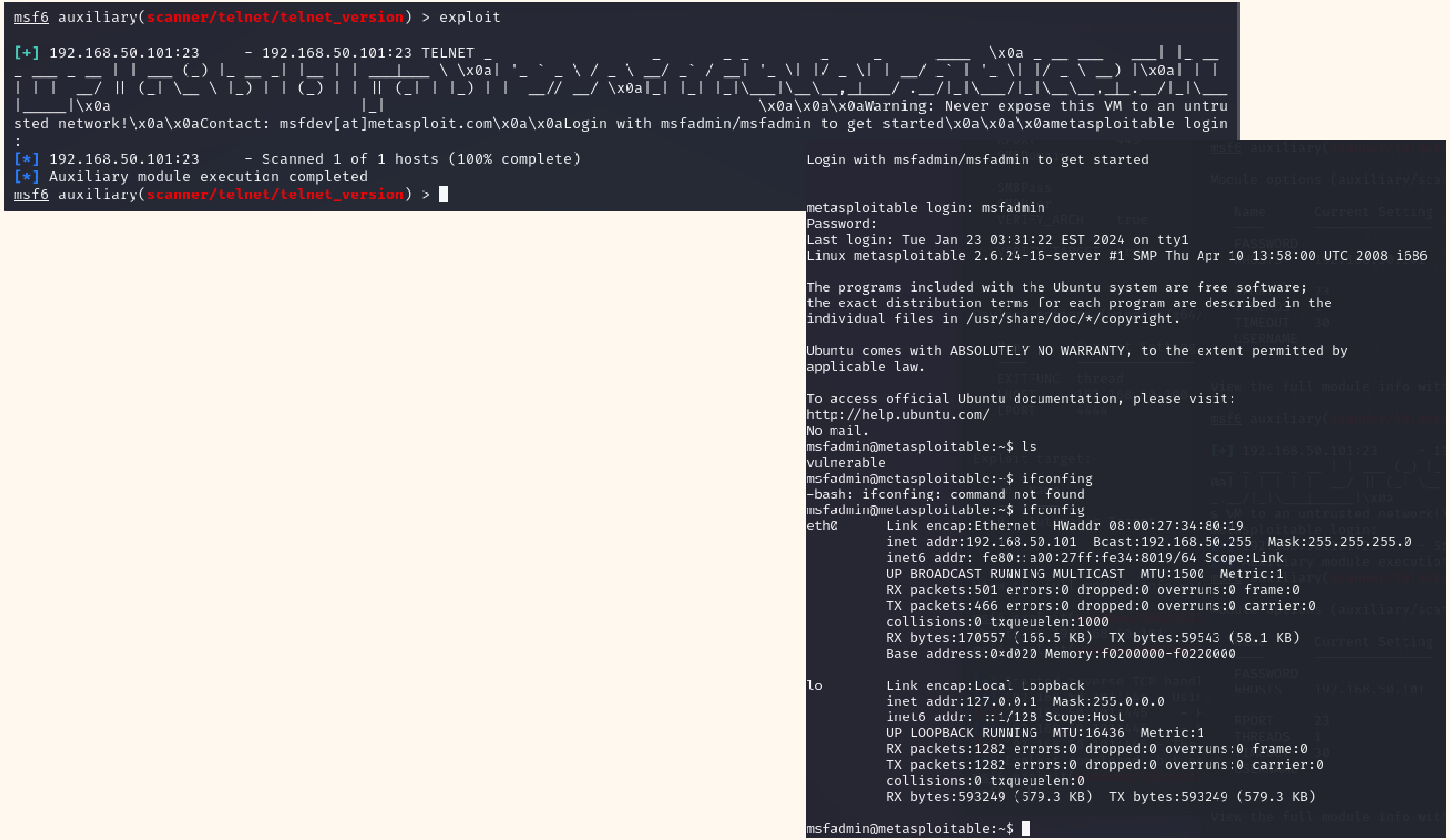

```
msf6 auxiliary(scanner/telnet/telnet_version) > exploit

[+] 192.168.50.101:23     - 192.168.50.101:23 TELNET _                  _             _ _         _       _           ____  \x0a _ __ ___   ___| |_ __
_ ___ _ __ | | ___ (_) |_ __ _| |__ | | ___|___ \ \x0a| '_ ` _ \ / _ \ __/ _` / __| '_ \| |/ _ \| | __/ _` | '_ \| |/ _ \ __) |\x0a| | |
| | | __/ || (_| \__ \ |_) | | (_) | | || (_| | |_) | |  __// __/ \x0a|_| |_| |_|\___|\__\__,_|___/ .__/|_|\___/|_|\__\__,_|_.__/|_|\___
|_____|\x0a                                          |_|                                                  \x0a\x0a\x0aWarning: Never expose this VM to an untru
sted network!\x0a\x0aContact: msfdev[at]metasploit.com\x0a\x0aLogin with msfadmin/msfadmin to get started\x0a\x0a\x0ametasploitable login
:
[*] 192.168.50.101:23     - Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
msf6 auxiliary(scanner/telnet/telnet_version) > 
```

```
Login with msfadmin/msfadmin to get started


metasploitable login: msfadmin
Password:
Last login: Tue Jan 23 03:31:22 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:~$ ls
vulnerable
msfadmin@metasploitable:~$ ifconfing
-bash: ifconfing: command not found
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:34:80:19
          inet addr:192.168.50.101  Bcast:192.168.50.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe34:8019/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:501 errors:0 dropped:0 overruns:0 frame:0
          TX packets:466 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:170557 (166.5 KB)  TX bytes:59543 (58.1 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:1282 errors:0 dropped:0 overruns:0 frame:0
          TX packets:1282 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:593249 (579.3 KB)  TX bytes:593249 (579.3 KB)

msfadmin@metasploitable:~$ 
```