Lab 6 – Exploitation of a System Shrutika Joshi

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Introduction

In this lab, get familiar with the Metasploit framework and exploit vulnerabilities using pre-made exploits and payloads.

Pre-Lab

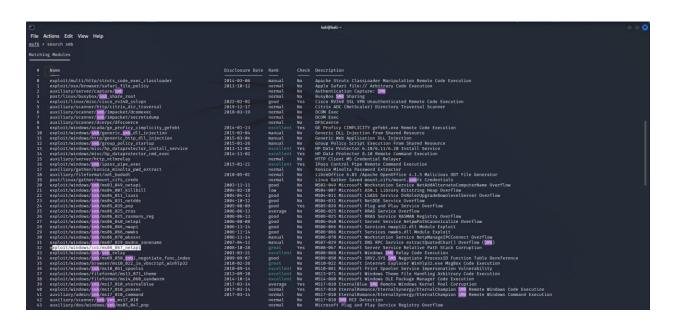
For this lab, you will require Kali Linux and Windows XP machines,

Practical

1. Metasploit Framework

Open the terminal and launch Metasploit by using the command 'msfconsole'

Check the multiple exploit options using command 'search smb'

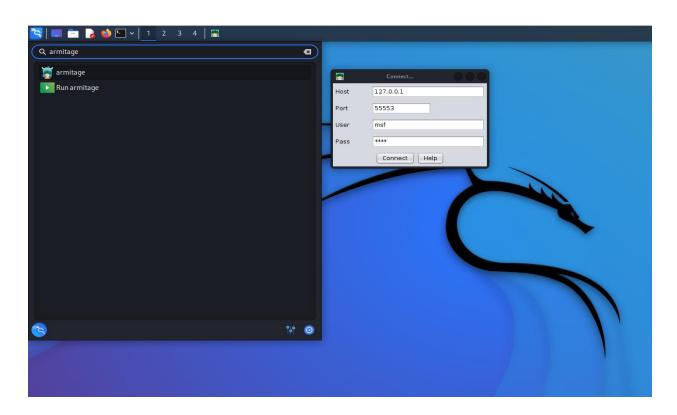


You can use the entire exploit name as it is or use the exploit ID to use particular exploit and run command 'use <exploit ID/exploit name>'

Set the parameter details like RHOSTS, LHOSTS, LPORT, RPORT and other details using the command – set <option name>

After setting all the parameters run the exploit using command - exploit

2. Armitage

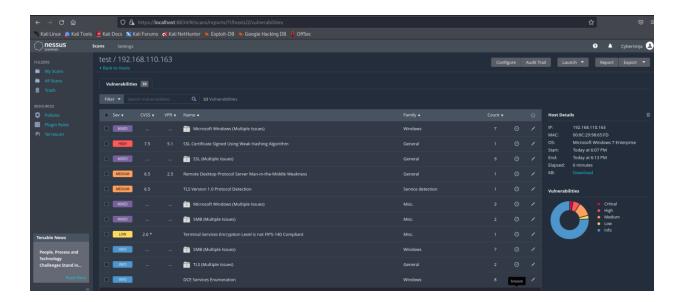


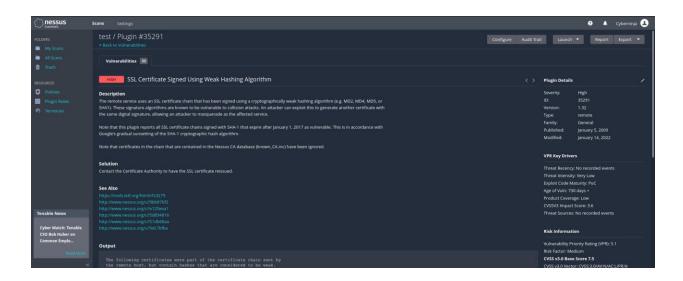
When you see the "connect..." Pop-Up Window, do not change anything; simply click the "Connect" button. You will then receive a prompt asking to start the Metasploit RPC Server. Select the 'Yes" button.

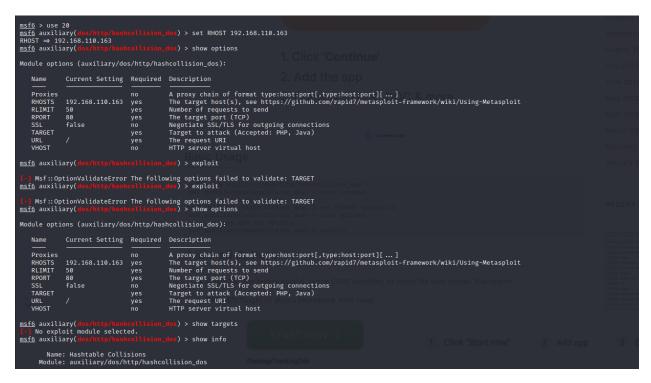


3. Attack your Windows 7 VM

I am trying to exploit 'SSL Certificate Signed Using Weak Hashing Algorithm' vulnerability







I am not able to solve the below error detected. Hence couldn't run the exploit

```
msf6 auxiliary(dos/http/hashcollision_dos) > exploit
[-] Msf::OptionValidateError The following options failed to validate: TARGET
msf6 auxiliary(dos/http/hashcollision_dos) > exploit
```