SECURE CODING LAB-7 By-Nishank Verma 19BCN7131 Slot-L39+L40

Lab experiment - Working with the memory vulnerabilities

Task

- Download Vulln.zip from teams.
- Deploy a virtual windows 7 instance and copy the Vulln.zip into it.
- Unzip the zip file. You will find two files named exploit.py and Vuln_Program_Stream.exe
- Download and install python 2.7.* or 3.5.*
- · Run the exploit script to generate the payload
- Install Vuln_Program_Stream.exe and Run the same

Analysis

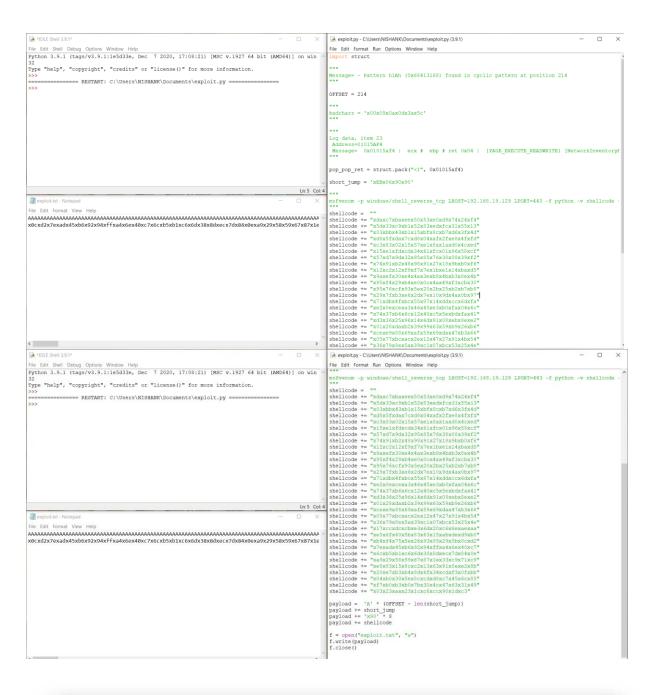
 \bullet Crash the Vuln_Program_Stream program and report the vulnerability

REPORT: -

"After placing the payload at the Station Pattern, Song Pattern and at the Search bar the Stream Ripper Pattern gets Crashed again and again"

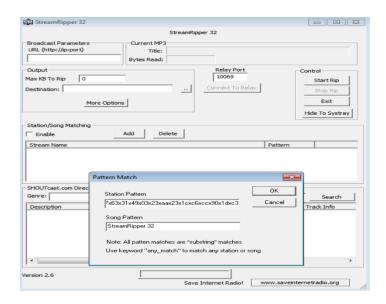
The Screen shots are below which shows

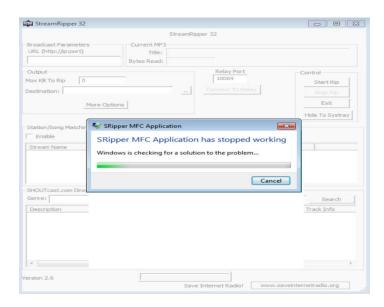
- $1) \ \ The \ generation \ of \ payload\mbox{-} \ saved \ as \ exploit.txt$
- 2) Adding payload at station pattern and crashing it.
- 3) Adding payload at song pattern and crashing it.
- 4) Payload at Search Bar and crashing it.



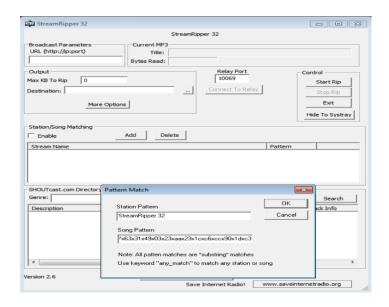


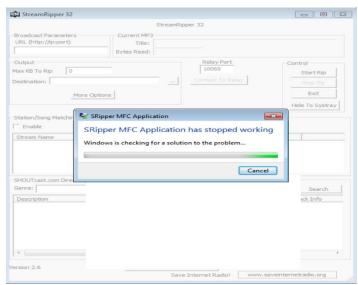
Adding the Payload at the Station Pattern in Stream Ripper





Adding the Payload at the Song Pattern in Stream Ripper





Placing the payload at the Search Bar

