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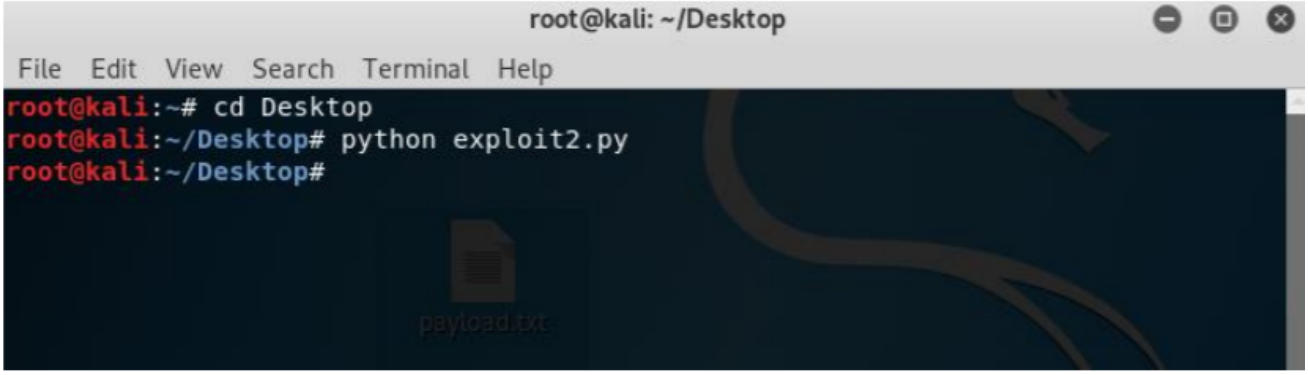
Task

● Download Frigate3_Pro_v36 from teams (check folder named 19.04.2021).
● Deploy a virtual windows 7 instance and copy the Frigate3_Pro_v36 into it.
● Install Immunity debugger or ollydbg in windows7
● Install Frigate3_Pro_v36 and Run the same
● Download and install python 2.7.* or 3.5.*
● Run the exploit script II (exploit2.py- check today's folder) to generate the payload

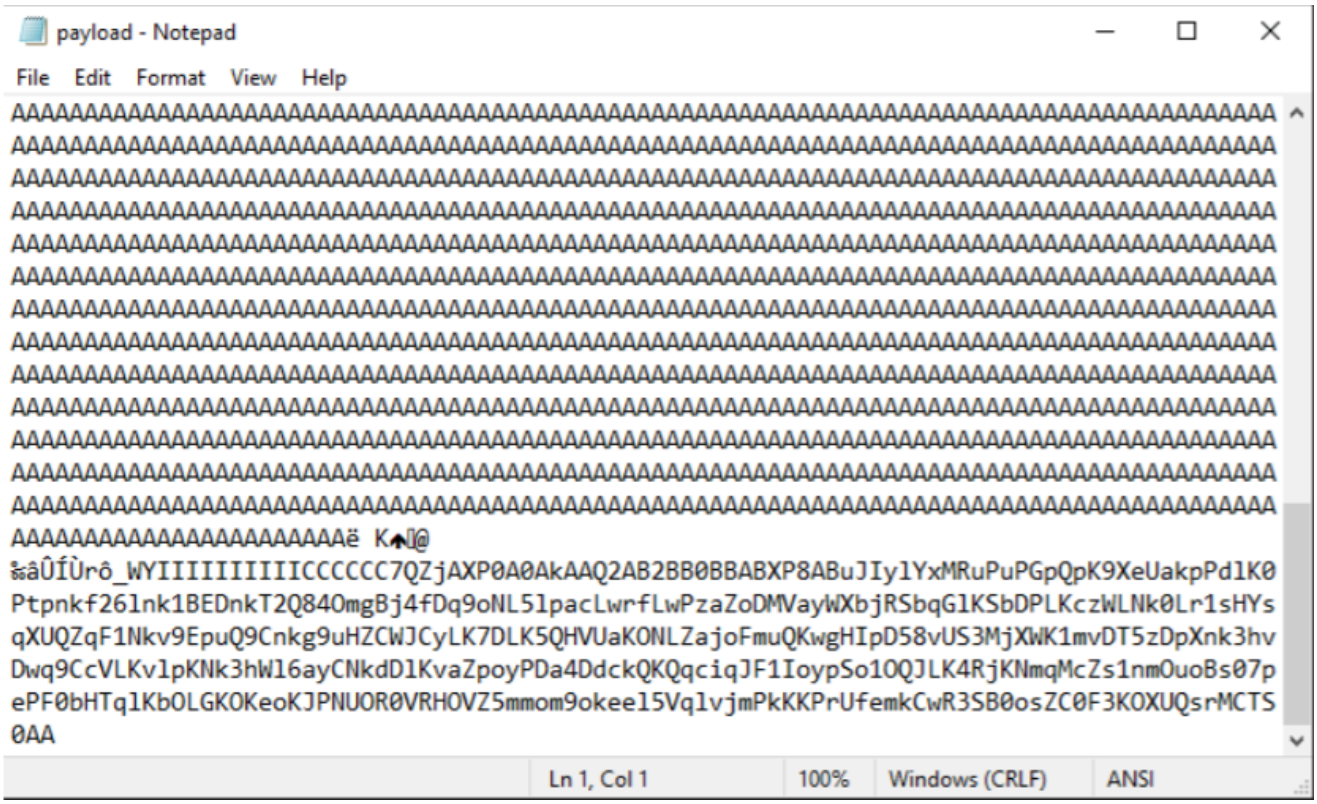
Analysis

● Try to crash the Frigate3_Pro_v36 and exploit it.
● Change the default trigger from cmd.exe to calc.exe (Use msfvenom in Kali Linux).
Example:
msfvenom -a x86 --platform windows -p windows/exec CMD=calc -e x86/alpha_mixed -b "\x00\x14\x09\x0a\x0d" -f python
● Attach the debugger (immunity debugger or ollydbg) and analyse the address of various registers listed below
● Check for EIP address
● Verify the starting and ending addresses of stack frame ● Verify the SEH chain and report the dll loaded along with the addresses.
For viewing SEH chain, goto view à SEH

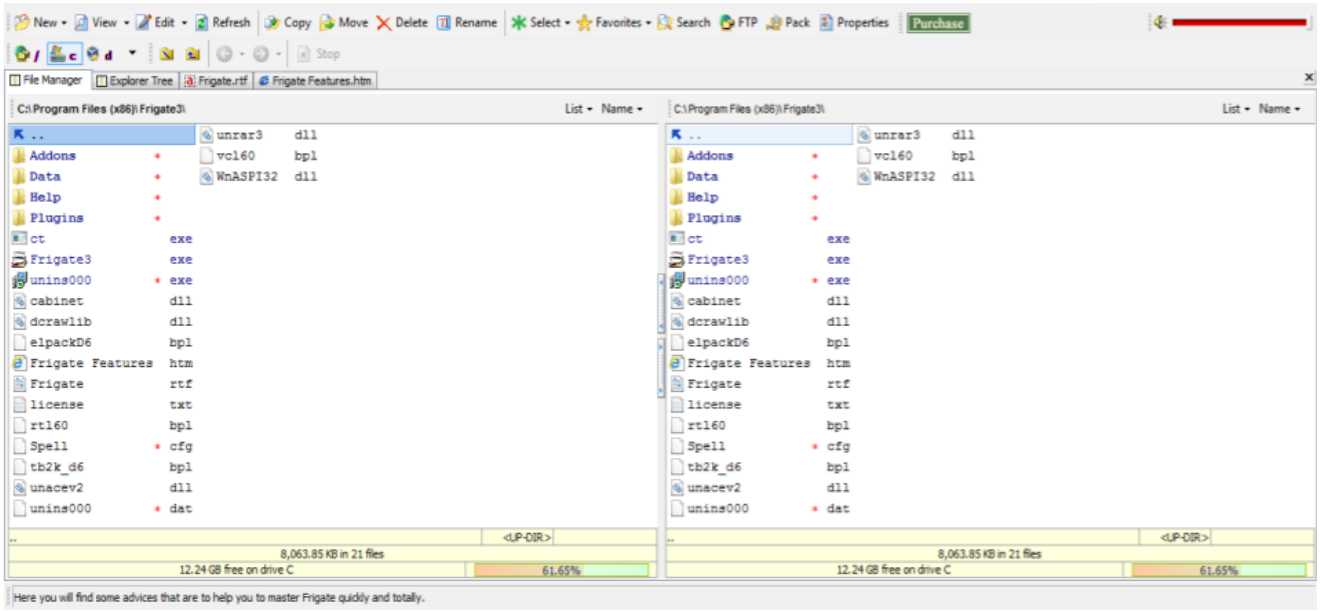
1. Running the exploit script to generate payload



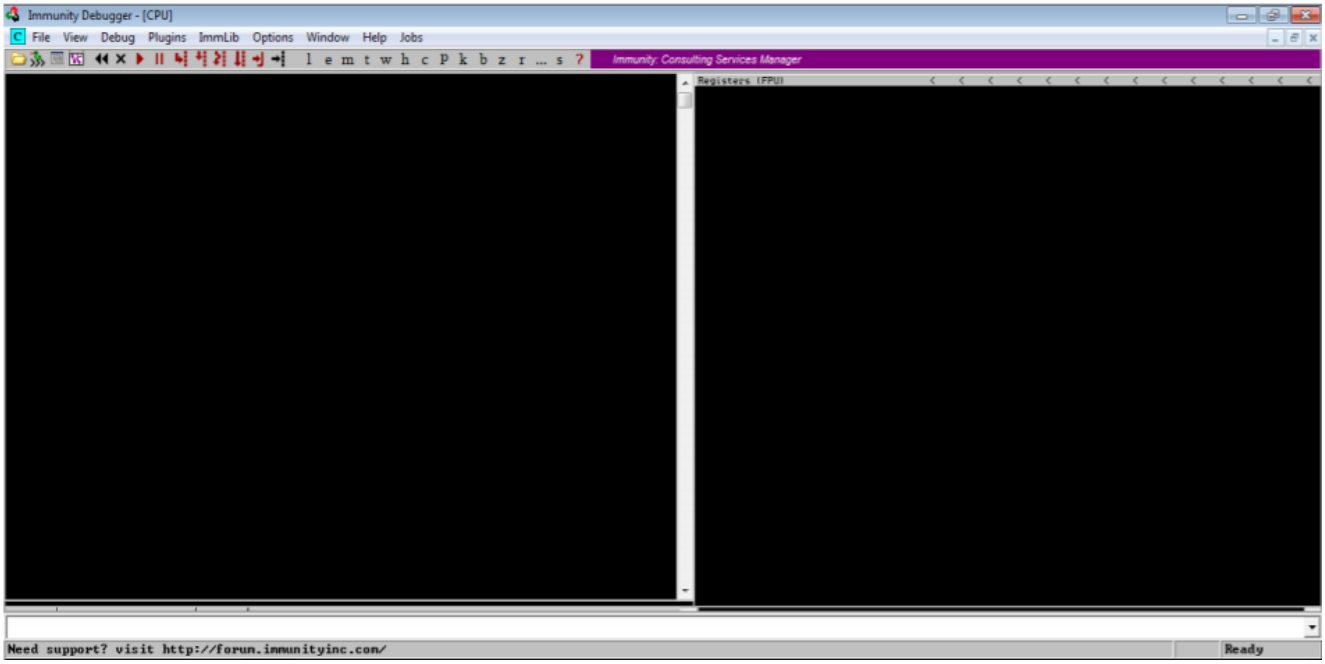
2. Exploit payload



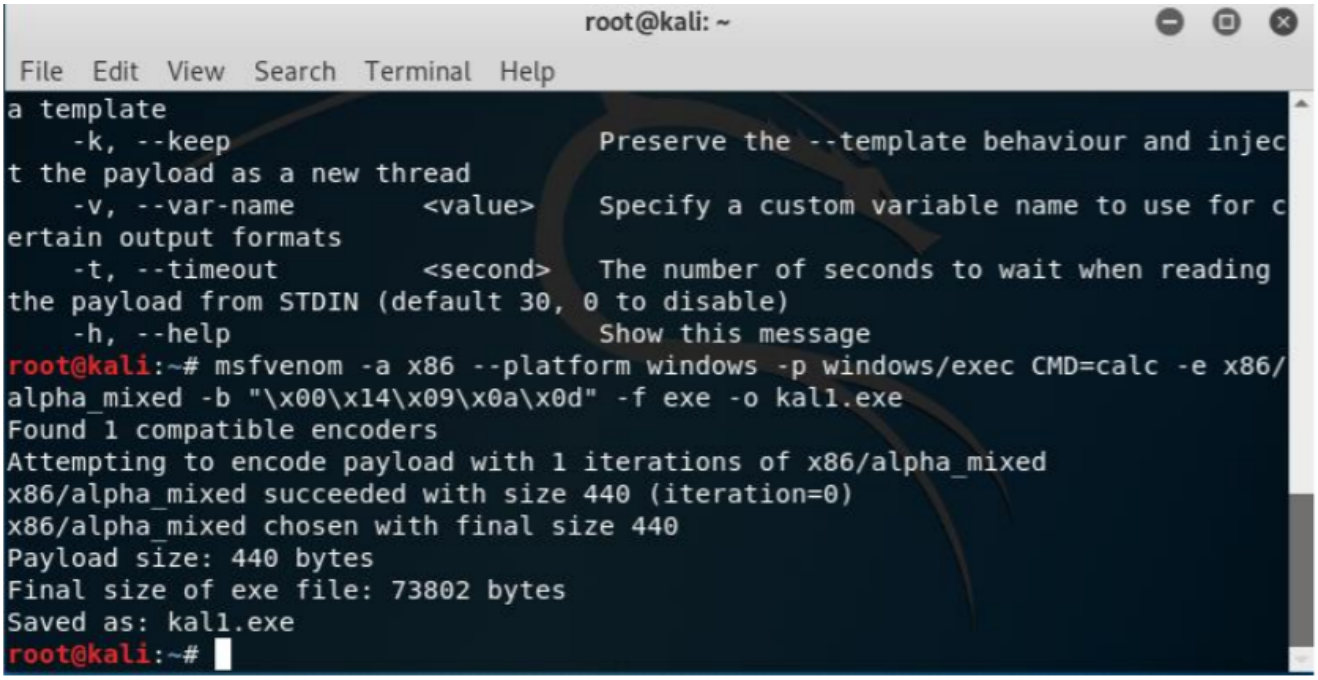
3. Install Frigate3:

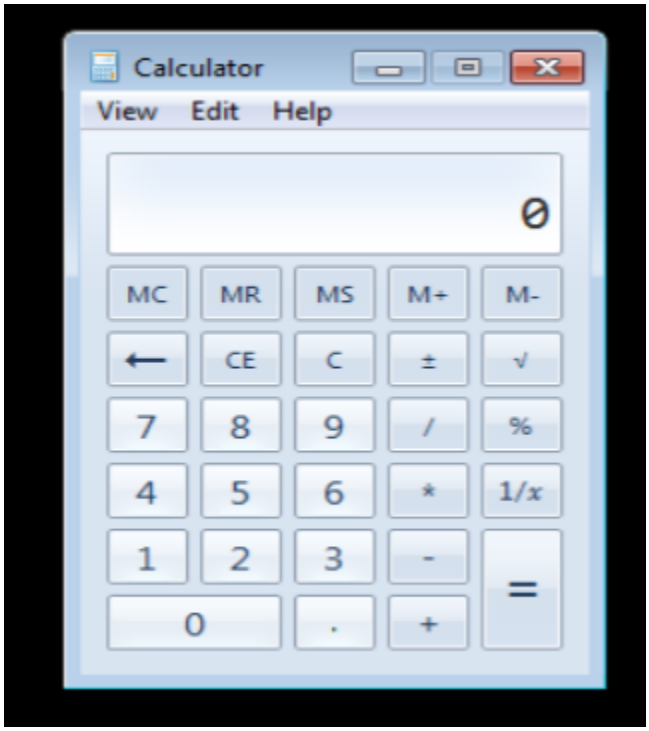


4. After running the exploit2.py ,the application unexpectedly stopped working.
5. Installing Immunity debugger

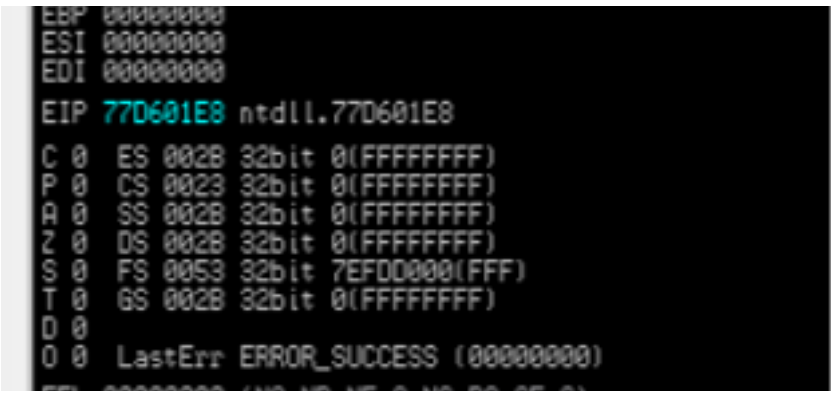


6. Creating the default trigger from cmd.exe to calc.exe using msfvenom in Kali linux .





6. Find eip address and overflowing A's



7. And note the ESP (stack pointer) and EBP (base pointer) registers