

Secure Coding

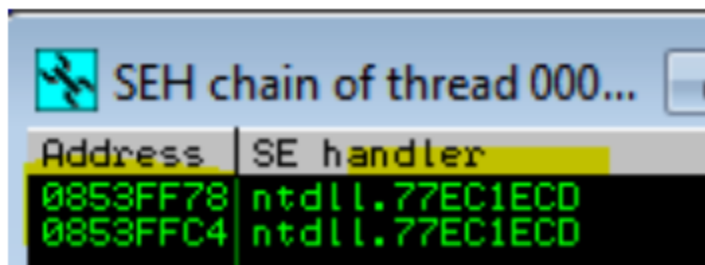
Lab-10

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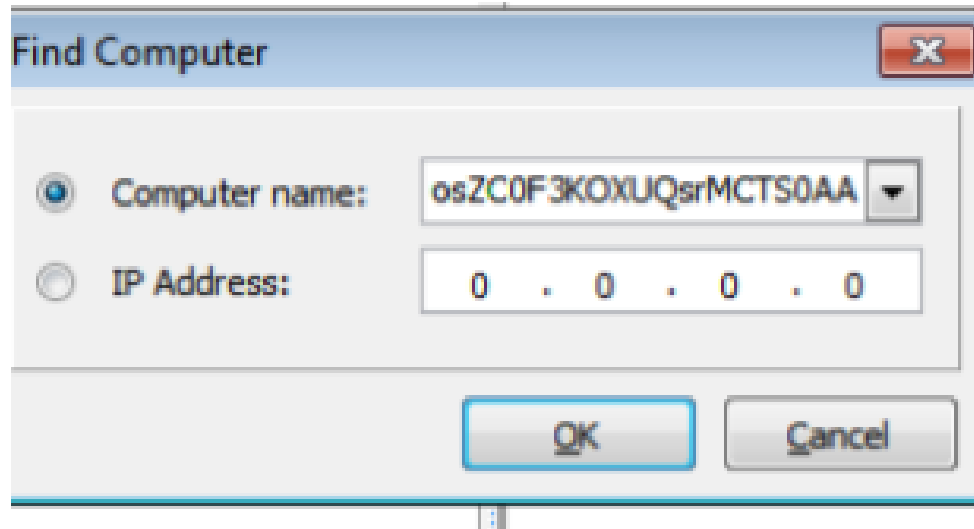
Attaching Frigate to immunity debugger to check register values:

The screenshot displays the Immunity Debugger interface with three main panes. The top-left pane shows assembly code with instructions like `MOV EAX, 0`, `TEST BYTE PTR DS:[ECX+4], 6`, and `CALL ntdll.77E9002F`. The top-right pane shows the state of CPU registers, with `EIP` (Instruction Pointer) set to `77E90000` and `ntdll.77E90000`. The bottom pane shows a memory dump with hex and ASCII values, including the string `SEH chain of thread 000...`.

It can be seen that EIP is loading ntdll which is the default error handler:



Generating and loading payload into frigate:



On analysing immunity debugger again, it can be seen that the EIP is changed and made to open the rtl60 dll.

