PROJ 13: Using Kernel Debugging Commands with WinDbg

Prof. Alberto LaCava **CY -640**

MALWARE ANALYSIS & DEFENSE

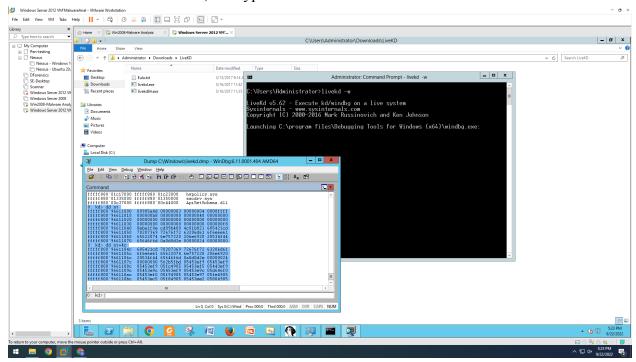
Nikhil Patel 11/09/2022

Introduction: In this lab, we will debug Using Kernel Debugging Commands with WinDbg.

Procedure:

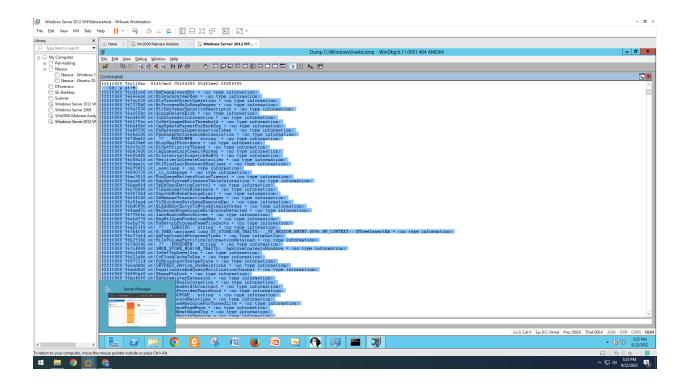
Listing Modules with Im

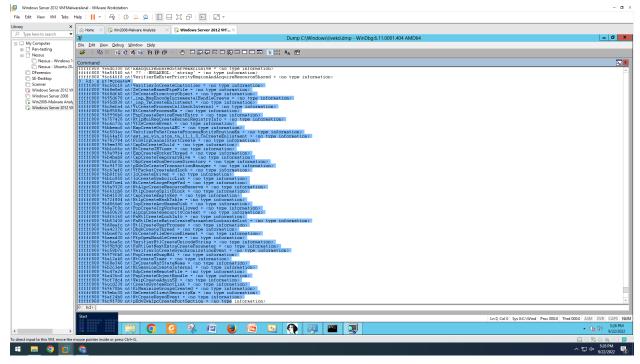
• Continue lab 12, and type "lm".



Viewing Memory

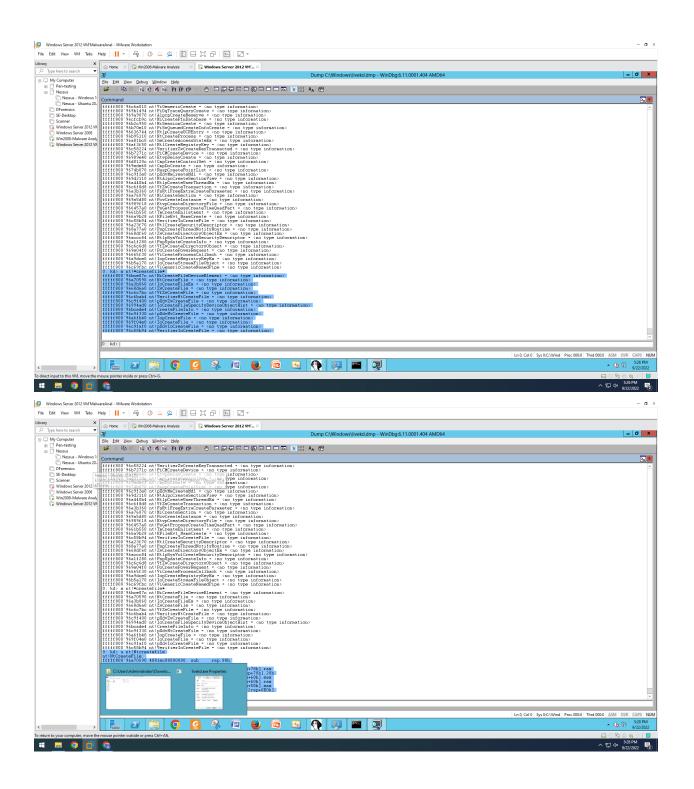
- In WinDbg, execute "dd nt".
- Type "da nt", "da nt+4c" and save a screenshot.

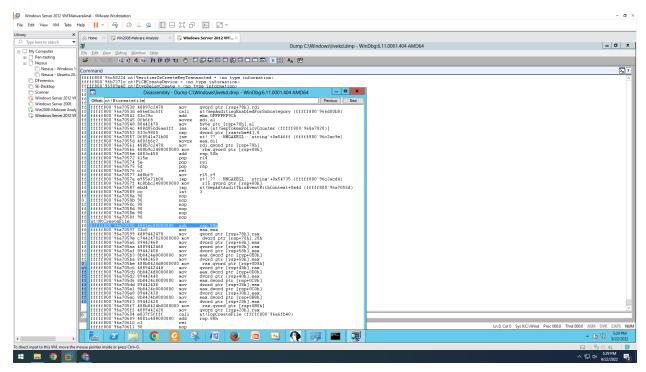




Searching for functions

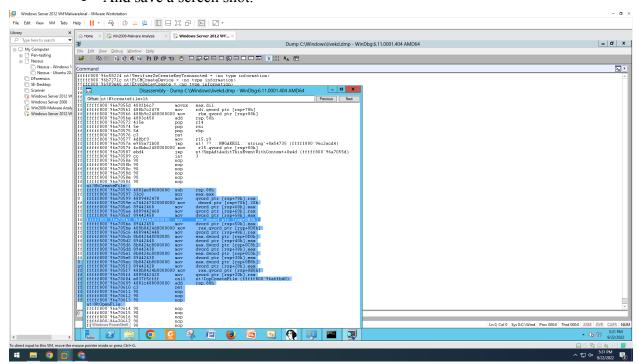
- Type "x nt!*".
- Then "x nt!*Create*", "x nt!*CreateFile*".

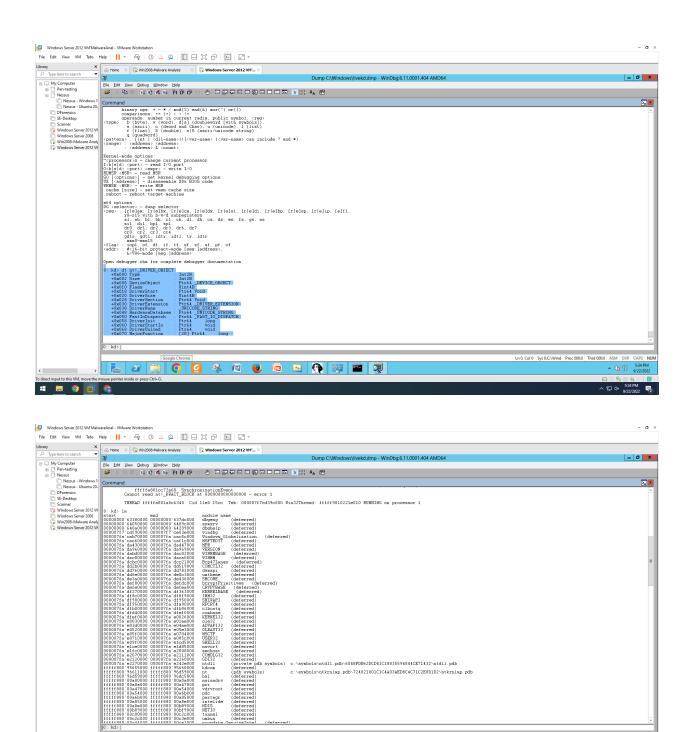




Unassembling a function

- Type "u n!NtCreateFile".
- Then click view > Disassembly.
- And save a screen shot.





Conclusion: To conclude with the lab, we learned how to debug Using Kernel Debugging Commands with WinDbg.