

PROJ 12: Kernel Debugging with Livekd and Win Server
2008

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CY -640

MALWARE ANALYSIS & DEFENSE

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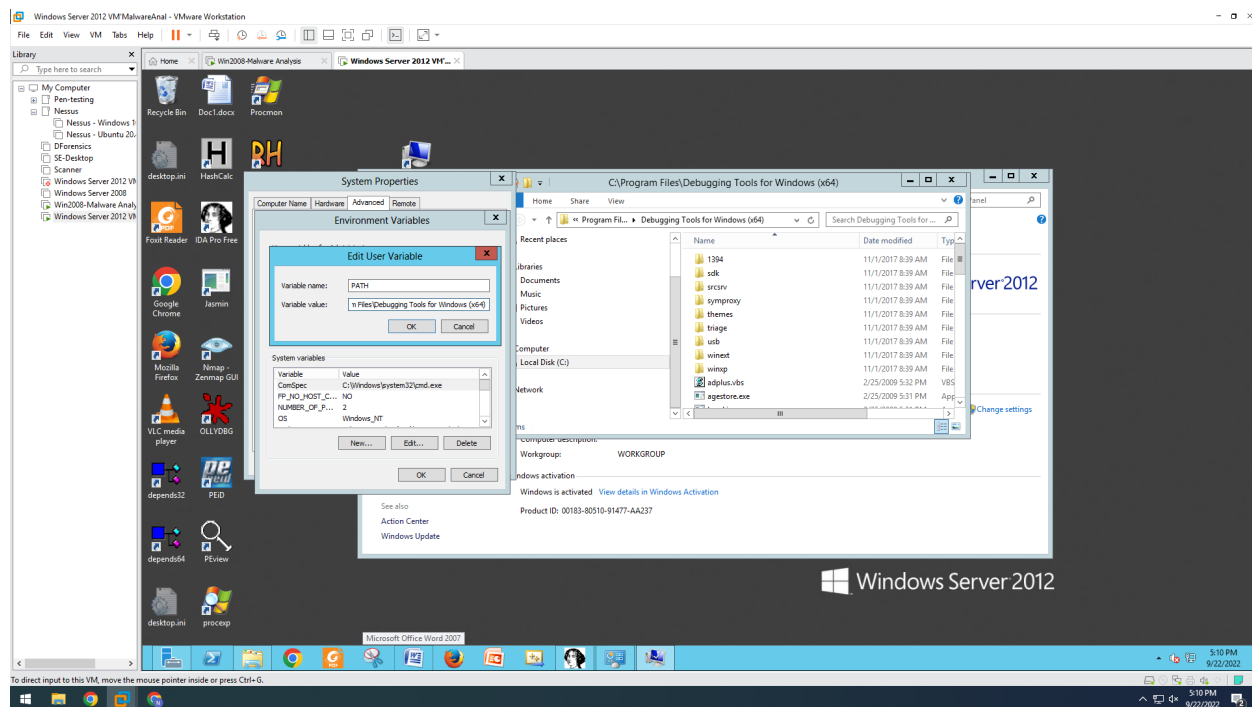
11/09/2022

Introduction: In this lab, we will debug the window kernel with Livekd and Win Server.

Procedure :

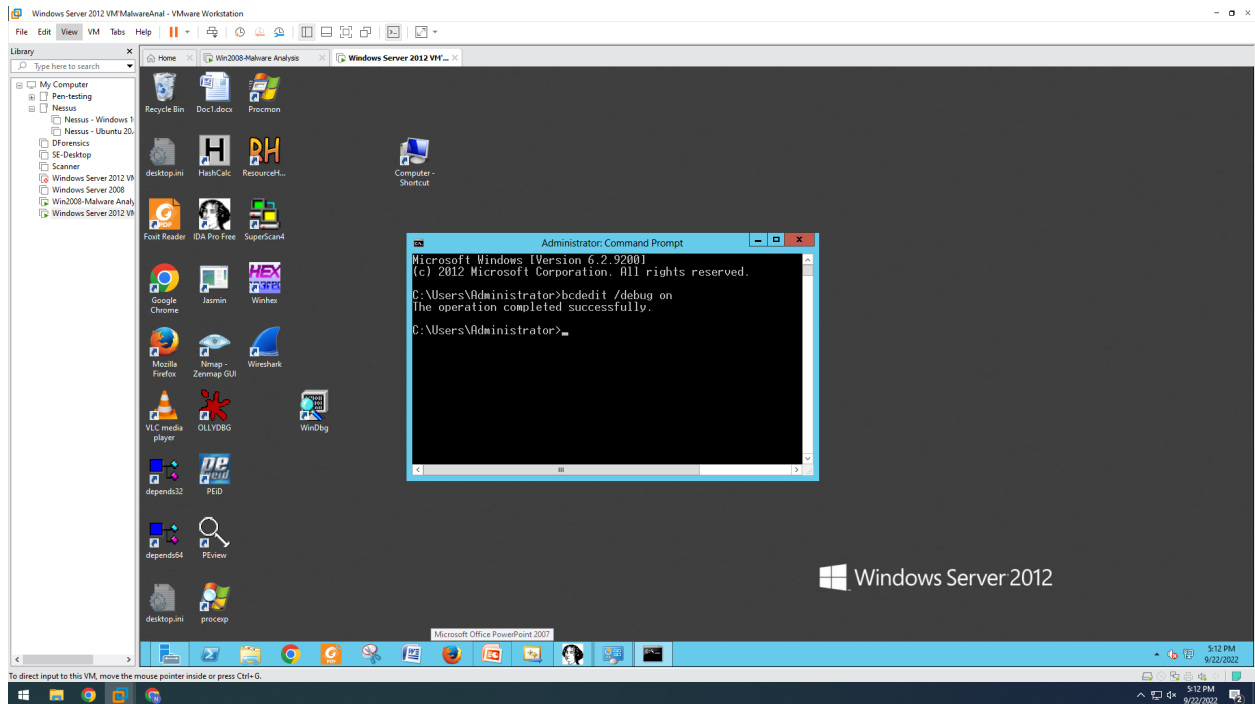
Editing the Path

- Open cmd and type “windbg”.
- Now right-click on start > computer properties > advanced > Environment Variables.
- Paste C:\programfile\debugging tools for windows (x86)\



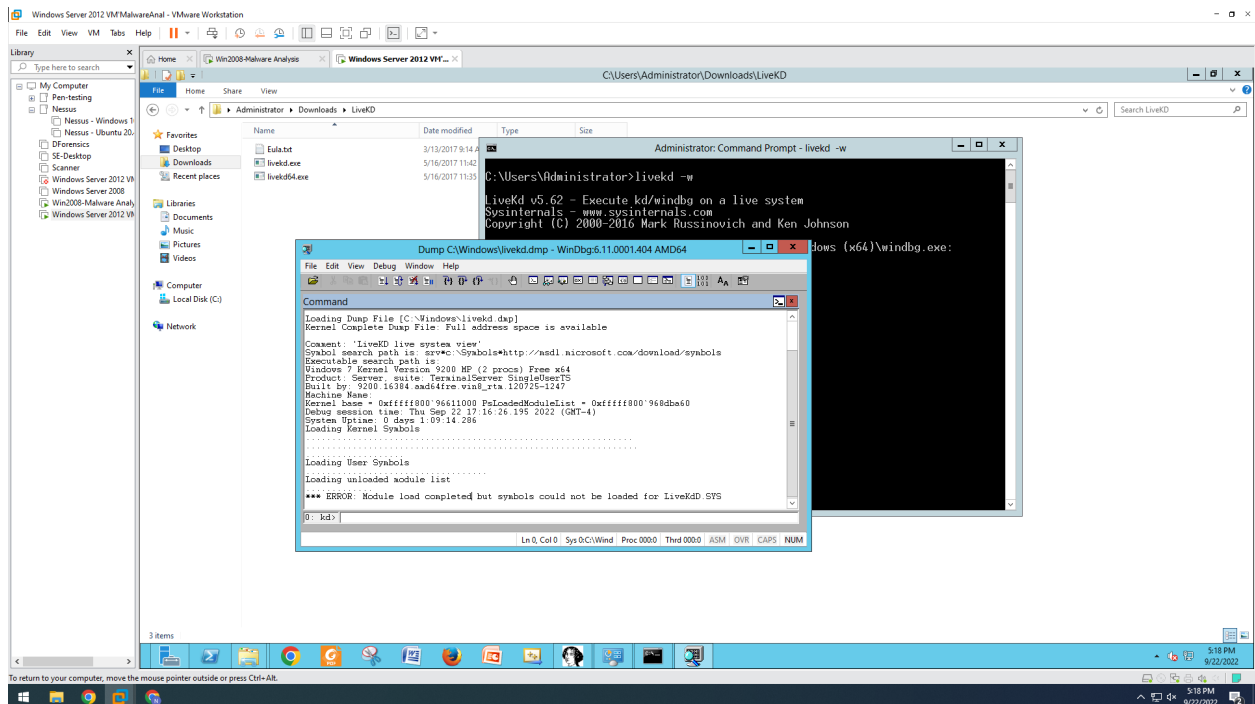
Setting up Local Kernel-Mode Debugging

- Go to cmd and type “bcdedit /debug on”.



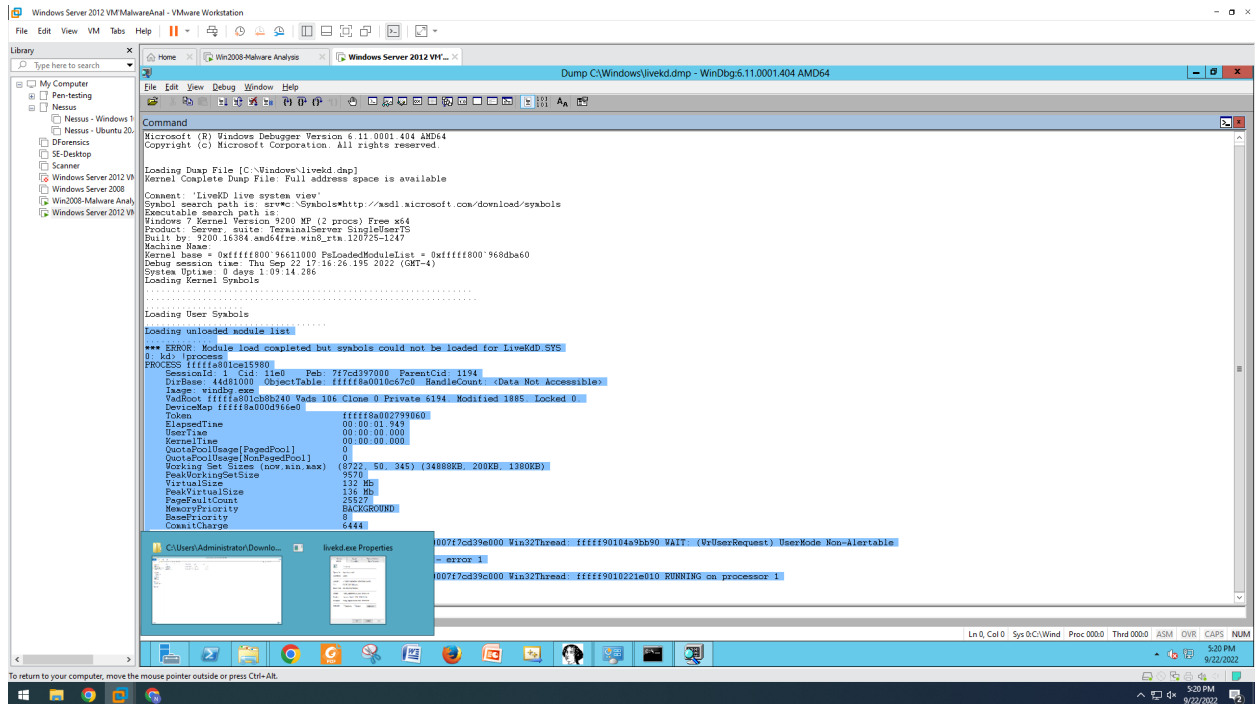
Getting LiveKD

- Go to download LiveKD > open folder > right-click on LiveKD.zip and extract all.
- Copy C:\Users\Administrator\Downloads\LiveKD\livekd.exe
C:\windows\system32.



Using LiveKD

- Open the cmd as administrator and type “livekd -w”.
- Press Y and hit enter.
- Take a screenshot



Conclusion: To conclude with the lab, We learned numerous strategies for performing a data encoding method, as well as WinHex.