### **Malware Analysis**

## Assignment 2 – Basic Static Analysis

### 10 points

Kush Patel

#### LAB

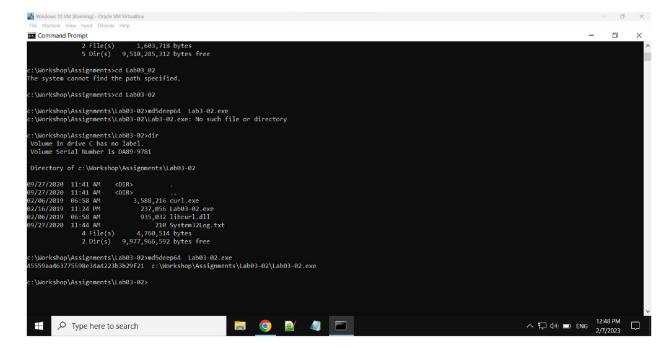
Please download Lab03-02.7z (password to unzip: malware) from Blackboard under this assignment to the Windows 10 VM.

• **Note:** Lab03-02.7z is a zipped file. Our Windows VM has a tool called 7-Zip to unzip the file. Right click the file and use 7-Zip to extract files.

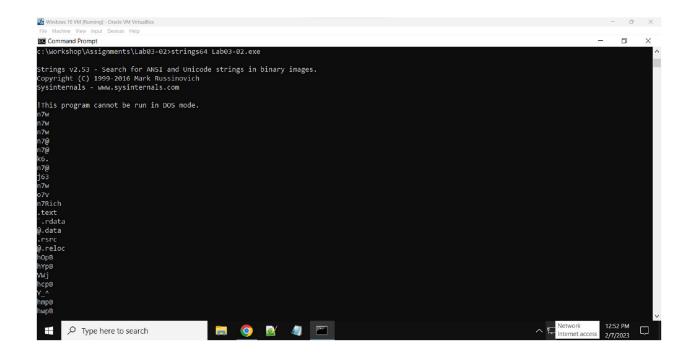
Note: We have all needed tools on Windows VM. No need of downloading extra software.

1. Run all tools in Chapter 1 on Lab03-02.exe within Lab03-02.7z, and copy and paste the output of the output or screenshot from these tools below. (3 points in total)

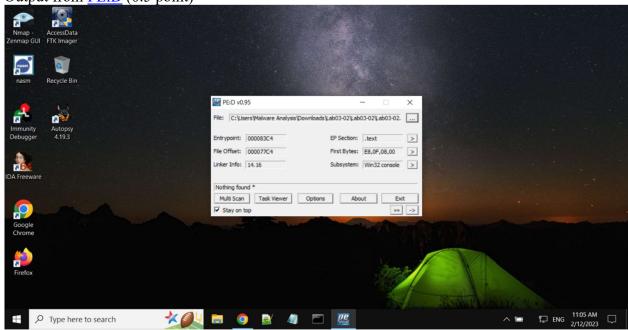
Output from md5deep (0.5 point)



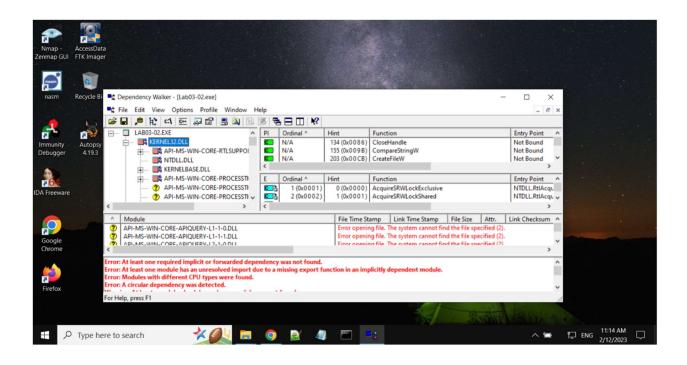
# Output from Strings (0.5 point)

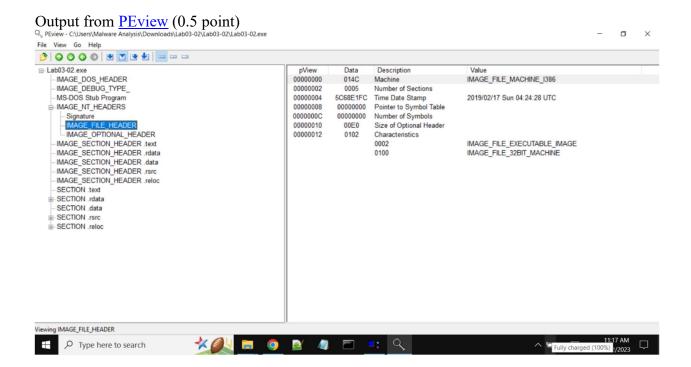


Output from PEiD (0.5 point)

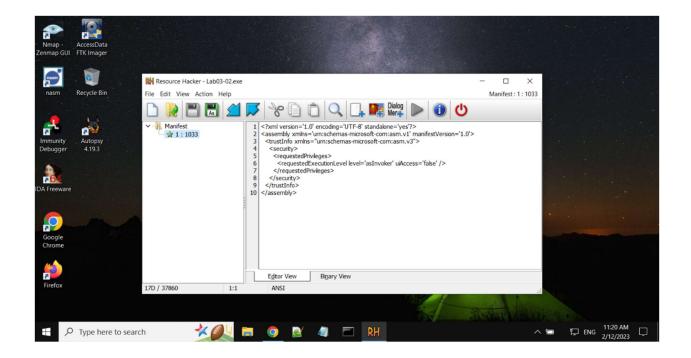


Output from Dependency Walker 2.2 (0.5 point)





Output from Resource Hacker (0.5 point)



2. When is Lab03-02.exe compiled? (0.5 point)

Compiled on 2019/02/17 Sunday at 4:28 am.

3. Are there any indications that Lab03-02.exe is packed or obfuscated? If so, what are these indicators? (0.5 point)

No indications because there a lot of strings visible and would be very few if there were indications.

- 4. Do any imports hint at what this malware does? If so, which imports are they? (0.5 point)
  - The imports hint they can pretend to be another process. The imports are Kernel32.dll, libcurl.dll.
- 5. Are there any other files or host-based indicators that you could look for on infected systems? (0.5 point)
  - Files that look similar to .dll files are host-based indicators and I did not see any.
- 6. What network-based indicators could be used to find this malware on infected machines? (2 points)

IP addresses are network-based indicators and I didn't find any.

7. What would you guess is the purpose of Lab03-02.exe? (3 points)

The purpose of this lab is to introduce us to malware and see if we can recognize it.