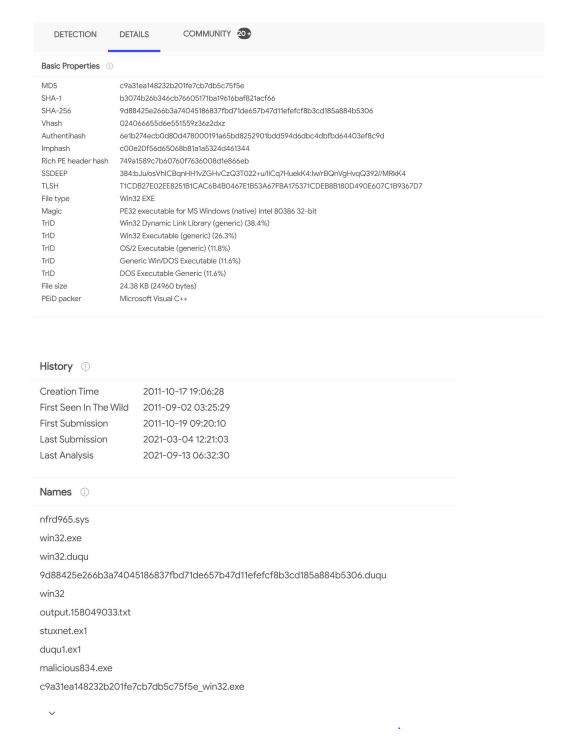
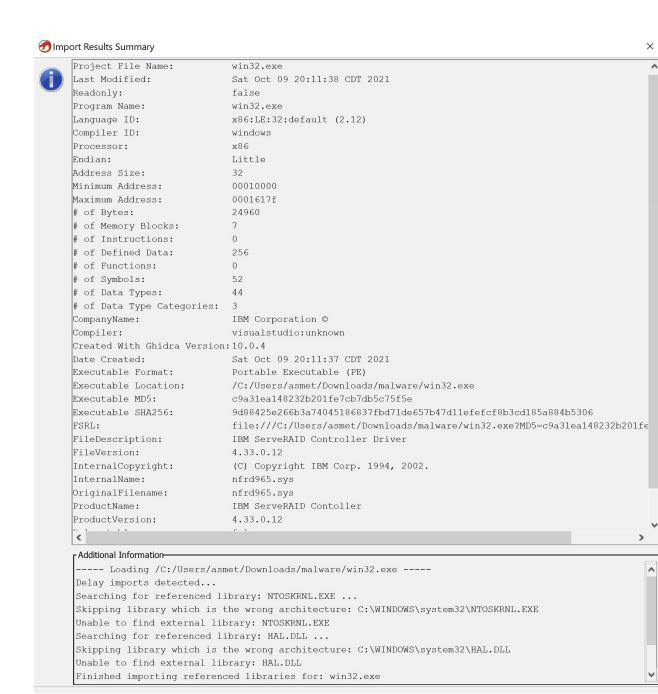
- 1) What malware is this? Provide all the elements of the CARO naming scheme Type, platform, family, major variant, minor variant (if present), modifiers
  - a. Type Trojan
  - b. Platform Win32
  - c. Family Vigorf
  - d. Variant A
- 2) <u>Provide a brief explanation of what the malware does, according to threat analysts.</u> (Feel free to consult blogs, signature encyclopedias, or whatever.)
  - a. This virus is known as a Trojan. It's name is derived from the "Trojan Horse", and works in a similar fashion. The Trojan designed to fool individuals to downloading it by being disguised as something else. Once an individual clicks on the link or download, the Trojan downloads files onto the victim's computer, which can be very detrimental.
  - b. "This Trojan arrives on a system as a file dropped by other malware or as a file downloaded unknowingly by users when visiting malicious sites. This Trojan arrives on a system as a file dropped by other malware or as a file downloaded unknowingly by users when visiting malicious sites." Trend Micro
- 3) Perform a static analysis of the malware. Be very careful to not execute the binary. You may need to create an exception to the working directory for your AV to keep it from being cleaned as you work. If so, don't forget to strike the exception when you are done. Write a report that contains your analysis. be sure to include some analysis of disassembly, but you can essentially choose any random function to interpret. You just need to show you can do it.
  - a. Firstly, I put the file into Virus Total. It gave me some basic information about the Virus. It confirmed that it was indeed a type A Trojan malware. It is demed as malicious. These are the specs that were found:



b. Secondly, I used Ida and Ghidra to disassemble the virus. These were the specs found:



c. I decided to try to analyze a function in the code. I picked a very simple function 12CB0. This function defines an integer variable. The function sets the variable equal to the integer value it is comparing. If this integer is equal to zero, the function will return itself.

