CYBR1800

Malicious Code Infections Paper

100 points

**Directions**: Write an essay- 2 page minimum (4-page max / not counting the title page or citation page), single spaced, 12-point font (Times or another similar font), and Font color black. Please submit through Blackboard.

\***Provide a cover page with your papers title, name, student number, course, and date.**

**\*Citation you may use mla or apa (Use whatever you’re more comfortable with)**

On page 175 Table 3-3 “Notable Malicious Code Infections”, or using the website: <https://www.lastline.com/blog/history-of-malware-its-evolution-and-impact/> (can be found in the Chapter 3 supplemental information folder) select a malicious code infection of your choosing to complete this essay.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DO NOT USE STUXNET\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Your essay should touch on the following questions:

Describe your code infection, by giving a complete overview. This should cover concepts we have covered: (Does not have to be answered in any particular order)

* 1. Explain in detail the Method-Opportunity-Motive
  2. Give any information on who was responsible and identify what type of attacker they/he/she were.
  3. What part of the C.I.A triad was compromised?
  4. Were there assets compromised, and if so please explain.
  5. If there were any obvious threats leading up to the exploit, please identify them.
  6. Explain the vulnerabilities that were exploited. Talk about the transmission and propagation of your infection.
  7. Did your infection have any impact on identification or authentication?
  8. How long did your malicious code wreak havoc on its victim?
  9. Explain the damage estimate of your infection.
  10. List countermeasures for the users.
  11. If it pertains to your malicious code; do antivirus protect software now protect against your infection? Or are there steps to rid it off your computer?

Grading Rubric

Excellent/100 points – Responds with well-developed comments that addresses all aspects of the task. Demonstrates critical analysis of the topic. Perhaps additional questions or concerns are expressed.

Very Good / 90 – In-between Excellent and Good

Good / 80 points – Posts adequate response with superficial thought and preparation; does not address all aspects of the task or the questions posed.

Fair / 70 points – Response does not address most of the questions or fails to meet length requirement.

Poor/ 0 – Fails to address any aspects of the task or to make a submission.

**\*No cover page will result in a 10-point deduction.**

**\*Missing the page limit requirement / the specified format will result in point deduction.**

**\*Copying the questions and answering them is not an essay and will result in a 0 score.**