CS 3350 – ST: Cybersecurity Assignment 2

Instructor: Patrik Boloz
Date: 10/27/2023
Deadline: 11/3/2023 by 5PM

Assignment Description:

In this assignment, you will choose one of the following cybersecurity tools: Burp-Suite, Metasploit, Nmap, Nikto, or Dirbuster, and write a 2-page paper that provides an overview of the tool, its functionality, how it works, and includes at least one screenshot of the tool in action.

Assignment Instructions:

Tool Selection: Choose one of the following cybersecurity tools: Burp-Suite, Metasploit, Nmap, Nikto, or Dirbuster. You are encouraged to select a tool that interests you the most.

Introduction (Approx. 1 paragraph):

- Introduce the tool you have selected.
- Provide a brief overview of its importance in the field of cybersecurity.
- State the purpose of your paper.

What is the Tool? (Approx. 1 paragraph):

- Explain what the tool is and its primary function.
- Discuss its significance in the context of cybersecurity.

How Does It Work? (Approx. 1-2 paragraphs):

- Describe the technical aspects of the tool.
- Explain how it operates and what methods or techniques it uses.
- Include information about its capabilities and any unique features.

Tool in Action (Approx. 1 paragraph):

- Provide at least one screenshot of the tool in action.
- Explain the scenario or purpose of the tool's usage in the screenshot.
- Discuss the results or information obtained through the tool.

Use Cases and Importance (Approx. 1 paragraph):

- Discuss real-world applications and use cases for the tool.
- Highlight the importance of the tool in cybersecurity practices.

Conclusion (Approx. 1 paragraph):

- Summarize the key points discussed in your paper.
- Reflect on the significance of the tool you explored.

References:

Include a list of references or sources you used to gather information about the tool. You should use credible sources, such as books, research papers, or reputable websites.

Formatting Guidelines:

- Use 11-point Times New Roman/Arial/Calibri font.
- Use double-spacing.
- Include a title at the top of your paper.
- Cite your sources using a standard citation style (e.g., APA, MLA, or Chicago).

Submission Details:

- Submit your 2-page paper as a Word document or PDF.
- Name the file using the following format: "FirstInitialLastName_Assignment2.doc" or "FirstInitialLastName_Assignment2.pdf."
- Submit the assignment by 11/3/2023 to Brightspace.

Grading Criteria:

Your assignment will be evaluated based on the following criteria:

- Clarity and organization of the paper.
- Accuracy and depth of information provided.
- Inclusion of at least one relevant screenshot.
- Proper citations and references.
- Adherence to formatting and submission guidelines.

Note: Plagiarism will not be tolerated. Ensure that your paper is written in your own words, and properly cite any sources you use.