**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.