**Nmap and Zenmap Lab**

Using NMAP and Zenmap set the foundation for enumeration and network identification.

View "2-2 NMAP and Zenmap Lab" and "Warriors of the Net," from the playlist located in Class Resources.

**Part 1:**

In this lab, you will use NMAP and Zenmap setup, basic scanning, and network topology. Provide screenshots of your Windows 10 IP address, your Kali IP address, Netdiscover, nmap -sn (Ping) scan, nmap -sV (Services) scan, nmap -A (Intrusive) scan, Zenmap network topology, and two additional nmap scans not covered in the video.

**Part 2:**

Write a 250- to 500-word summary addressing the following:

·      Identify what operating system is running on your Windows 10 system.

·      Describe what is meant by an intrusive scan.

·      Summarize what your two additional NMAP scans do and provide screenshots.

Place all screenshots in a Microsoft Word document and submit it to the assignment dropbox. When submitting screenshots as part of your assignment, you must always include a full image of your desktop window, including the date and time in the lower right-hand corner of the Windows desktop or the upper-right corner of the macOS desktop.

While APA style is not required for the body of this assignment, solid academic writing is expected, and documentation of sources should be presented using APA formatting guidelines, which can be found in the APA Style Guide, located in the Student Success Center.

This assignment uses a rubric. Review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance.