Creating a virtual environment allows students to learn ethical hacking in a safe and secure environment without the costly infrastructure often associated with technical labs. Within this lab, students will create an environment, providing a legal and ethical platform in which to practice ethical hacking.  View the "Overview and Lab 1 Build a Virtual Lab" video within the "Video Playlist: Penetration Testing and Risk Management," located in the topic Resources.

Utilizing the Student Success Center, create a virtual lab to include the following VMs:  
Kali  
Kioptrix 1  
Kioptrix 2  
Metasploitable 2

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

APA style is not required, but solid academic writing is expected.

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

You are not required to submit this assignment to LopesWrite.