**The Castle**

Often cybersecurity professionals forget the easiest way to access a system is through the front door and not using a computer from 100 miles away. By creating a castle in which both physical and network security defenses are defined, intruders can be held off.

**Part 1:**

Use the attached "Castle Template" and edit it with your favorite drawing tool. Add your full name and the date to the box in the upper right-hand corner. Complete the diagram with the following components:

·      Gateway router

·      Firewall

·      Antivirus

·      VPN

·      SIEM

·      Data backup

·      Server

·      IPS

·      DMZ

·      Multifactor authentication

**Part 2:**

Write a 500- to 750-word-analysis about your castle addressing the following:

·      Within each defensive layer of the castle, identify the physical security aspect(s) of the defensive structure and the technical aspect(s) designed to protect the king, the server. (For instance, the castle gate would be considered a physical barrier and gateway router to a system. Not every portion of the diagram may have both a physical and technical aspect.)

·      Incorporate within the design the physical security elements to include environmental concerns (deterrence, detection, delay, response) by identifying them throughout your castle design. Provide an explanation of the design for a professional nontechnical audience.

·      Describe cyber defense tools, methods, and components, and explain how to apply cyber defense methods to prepare a system to repel attacks.

Submit a single Microsoft Word document containing your diagram and analysis.

Prepare this assignment according to the guidelines found in the APA Style Guide, located in the Student Success Center. An abstract is not required.

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.