Class Activity – Application Investigation

1. Objectives

Explain how the Application layer provides support to end-user applications.

1. Background / Scenario

It is the beginning of your work week. Your employer has decided to install IP telephones in your workplace, which results in the network being inoperable until next week.

However, your work must continue. You have emails to send and quotes to write for your manager’s approval. Due to possible security issues, you are not allowed to use personal or external computer systems, equipment, or off-site equipment and systems.

Your instructor may ask you to complete the questions from both scenarios below. Answer the questions fully for the scenario(s). Be prepared to discuss your answers in class.

Emails

* What method(s) can you use to send email communication?
* How can you send the same email to multiple recipients?
* How can you get a large attachment to multiple recipients?
* Are these methods cost effective to your corporation?
* Do these methods violate any security policies of your corporation?

Quote for Manager’s Approval

* You have a desktop application software package installed on your computer. Will it be relatively easy to produce the quote your manager needs for the new contract due by the end of the week? What limitations will be experienced while trying to complete the quote?
* How will you present the quote to your manager for approval? How do you think he or she will send the quote to the client for their approval?
* Are these methods cost effective to your corporation? Justify your answer.

1. Reflection

What steps did you identify as important to communicating without network applications available to you for a week in your workplace? Which steps were not important? Justify your answer.

I think it is important to establish a secure and safe way to transport information between clients. How in a normal situation speed may be important but in this scenario speed is only a luxury that can be done without.