

Make it happen!

Objectives

Explain the operation of the application layer in providing support to end-user applications.

In this activity, you will apply new knowledge of application layer protocols and methods of the TCP/IP layer in streamlining data/network communication.

Background/Scenario

Refer to the modeling activity from the beginning of this chapter as the basis for this activity.

Your IP telephones were installed in a half day vs. the full week originally anticipated. Your network has been restored to full capacity and network applications are available for your use. You have the same emails to answer and quotes to write for your manager's approval.

Use the same scenario you completed in the introduction modeling activity to answer the following questions:

A. Emails

- What methods can you use to send email correspondence now that the network is working?
- What format will your emails be sent over the network?
- How can you now send the same message to multiple recipients?
- How can you send the large attachments to multiple recipients using network applications?
- Would using network applications prove to be a cost-effective communication method for your corporation?

B. Quote for Manager's Approval

- Because you have desktop application programs 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? Explain your answer.
- When you finish writing the quote, how will you present it to your manager for approval? How will your manager send the quote to the client for approval?
- Is using network applications a cost-effective way to complete business transactions? Justify your answer.
- Save a hard copy or an electronic copy of your answers. Be prepared to discuss your answers in class.

Reflection

1. Having network applications and services available to you may increase production, decrease costs, and save time. Would this be true with the scenario you chose? Justify your answer.