

COPADS

Network Security

CSCI-251

Activity

You may complete this assignment with 1-4 people. Use of notes, lecture materials, is permitted, but you should try to answer the questions without them first.

Tasks

1. What are the primary risks to data and information in transit? Is there any information sent over a network that is completely harmless if opened and read? Justify your answer.
2. Which poses a greater threat to network traffic: the compromise of a routing device or the compromise of a highly utilized data transmission cable?
3. Which layer of the OSI model requires the highest security consideration? Justify your answer with examples.

Submission

Put your answers on a separate sheet of paper. Make sure all team members' names are on the paper. Turn in the paper when complete; only one sheet is needed per team.