

CIST 3381- Information Assurance & Security
Spring 2022
Case Study 1: iPremier: Denial of Service Attack

- Individual submission (*Upload MSWord file only on BB*)
- **Be sure to give detailed responses** (*Important- Minimum 150 words per question*)

- Ques 1)** What is a “Denial of Service Attack” and “Distributed Denial of Service Attack”? What is the difference between a DoS attack and an intrusion?
- Ques 2)** What is the iPremier’s management culture? Do you think their management culture was also a reason for their lack of preparation? Why?
- Ques 3)** It is clear that the company was not prepared for the problem? Analyze the reasons for their lack of preparation and give recommendations on how could they have been better prepared for the problem.
- Ques 4)** Identify the risks faced by iPremier as a result of the crisis. What are the priorities for iPremier after the attack?
- Ques 5)** After the attack
- a. Why did Ripley recommend shutting down to rebuild software systems? What are the risks involved in the rebuilding approach?
 - b. Two weeks after the initial attack, FBI contacts Turley to inform him that iPremier’s major competitor is experiencing a DOS attack from inside the iPremier production facility. What do you think about the situation now?
 - c. If iPremier managers knew on January 12 what they knew two weeks later, what would have they done?