

PROJECTS/EXERCISES

I. Discussion Questions

A. Discussion Question 1

What do you think is the single greatest physical threat to information systems? Fire? Hurricanes? Sabotage? Terrorism? Discuss this question as a group. Be prepared to support your answer.

B. Discussion Question 2

Have you ever been in a building when the fire alarm sounded and most people didn't react to it at all? How do you typically react in such situations? If workers do not respond to an alarm, what does that say about the corporate culture within that workplace? What role can IT professionals play in making people make more responsible decisions about their own safety? Discuss these issues as a group.

II. Web Projects

A. Web Project 1

Visit the web sites of local real estate agencies and developers. Look for listings of commercial buildings that might be suitable for use as a secure data center. Compare several listings, and choose the one you think is best. Share your findings with the class.

B. Web Project 2

Search for the web site of a company that provides security dog services to businesses. Read the site's information carefully. Does the company say what it will do if a dog bites or attacks an innocent person, such as a worker who accidentally wanders into a guarded area?

C. Web Project 3

Go online and search for information about smart cards. As you learned in this chapter, several types of smart cards are available. Try to find information about each type of card and its applications. What type of card, in your view, is best suited for use as a secure-access tool? Be prepared to explain your conclusions.

D. Web Project 4

Go online and search for information on biometric security systems for individual computers. For example, small biometric devices can be added to notebook PCs, and ensure that only the computer's authorized user can access the system. Based on your research, would you purchase such a security device for your own computer? Why or why not? Summarize your findings in a brief report, to share with the class.

WEB RESOURCES

- <http://www.biometricsinstitute.org/pages/types-of-biometrics.html> Information about various types of biometric devices
- <http://resources.infosecinstitute.com/physical-security-managing-intruder/> Article discussing various types of physical security controls
- <https://www.sans.edu/cyber-research/> Article discussing physical security controls (#281)