

IS 497B: Information Security and Assurance
Reading Preparation Assignment
Management of Information Security
Chapter 2

Read Chapter 2, "Planning for Security," of the *Management of Information Security* textbook, pp. 35-67.

The following review questions will be used to lead class discussion. Note, while I feel that it is a good idea to write out the answers to these questions, please know that I will not be collecting them as homework.

1. What is planning? How does an organization determine if planning is necessary?
2. What are the three common levels of planning?
3. What is a values statement? What is a vision statement? What is a mission statement? Why are they important? What do they contain?
4. What is strategy?
5. What is InfoSec governance?
6. What are the five basic outcomes that should be achieved through InfoSec governance?
7. Describe top-down strategic planning. How does it differ from bottom-up strategic planning? Which is usually more effective in implementing security in a large, diverse organization?
8. How does the SecSDLC differ from the more general SDLC?
9. What is the primary objective of the SecSDLC?
10. What is a threat in the context of InfoSec? What are the 12 categories of threats presented in this chapter?
11. What is the difference between a threat and an attack?
12. How can a vulnerability be converted into an attack?
13. What questions might be asked to help identify and classify information assets? Which is the most important question to ask?
14. What name is given to the process of assigning a comparative risk rating to each specific information asset? What are the uses of such a rating?
15. What term is used to describe the provision of rules intended to protect the information assets of an organization?
16. What are the three categories of InfoSec controls? How is each used to reduce risk for the organization?
17. Go to <http://gocsi.com>. Search for the link offering a free copy of the latest CSI study. (You will need to register to get a copy of the report.) Bring your summary to class to discuss with your fellow students.