Name: _____Date: _____

Northampton Community College
CISC 260 - CCNA 4
Study Guide for Text Chapter 22
Network Security Issues

1. List the "12-steps" that should be kept in mind when considering security in a network design.

2. These include hosts, internetworking devices, data, trade secrets and intellectual property

3. A designer must make _____ between security goals and performance and availability goals.

4. A _____ is a high-level document that proposes what an organization must do to meet security requirements. It specifies time, people and other resources for developing a security policy.

5. A _____ is a formal statement of the rules by which people who are given access to technology and assets must abide.

6. _____ define how to handle incidents. They define login, audit, configuration and maintenance processes.

7. Define the difference between authentication and authorization.

8. Why is accounting (auditing) important?

9. _____is the process of scrambling data so those without the "key" can't read it.

10. Cisco uses _____ in the configuration files on a router to permit or deny users or protocols.

11. A device that enforces security policies between two or more networks is known as a _____.

12. Real-time monitoring of the network is essential in _____ because it can significantly reduce losses from potential attacks.