

Security



Review Questions

Section 16.1

- 14.1 What is the most common technique for security attacks?
- 14.2 What are the four levels where security measures must be taken?

Section 16.2

- 14.3 Provide examples of at least three program threats.

Section 16.3

- 14.4 Provide examples of at least two system and network threats.

Section 16.4

- 14.5 True or False? Encryption requires possession of a key to read a message.
- 14.6 What is the name of the encryption algorithm where the same key is used to encrypt and decrypt?
- 14.7 What is the name of a commonly-used cryptographic protocol?

Section 16.5

- 14.8 What is the most common approach for authenticating a user?
- 14.9 What are passwords that allow the space character are known as?

Section 16.6

- 14.10 What is the first step of implementing a security defense?
- 14.11 What is the term when a system diverts an intruders to a location where the system can monitor the intruder's activity?

Section 16.6.6

- 14.12 True or False? A firewall sits between the trusted and untrusted.
- 14.13 True or False? Firewalls can prevent attacks on protocols that the firewall allows.

Section 16.7

- 14.14 What are the four security classifications identified by the United States Department of Defense?

Section 16.8

- 14.15 What is the Windows 7 security model based upon?