



Computer Networking Virtual Learning

Network Security - 2.4 -

Cryptography Basics

April 28, 2020



Lesson: 4/28/2020

Objective/Learning Target:

- Compare and contrast basic concepts of cryptography



Focus Questions

- What is a legitimate use for cryptanalysis?
- How is the strength of a cryptosystem related to the length of the key?
- Which of the following is typically kept secret, the encryption algorithm or the key (or both)?
- What is the difference between a transposition cipher and a substitution cipher?
- What is a legitimate use for steganography?



Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to Security Pro Chapter 2 - Security Basics, Section 4 - Cryptography Basics
- Review Vocabulary words for 2.4 before starting into Section
- Read Fact Sheets located in sections 2.4.2
- Watch videos located in sections 2.4.1
- Answer/Review Practice Questions located in section 2.4.3



Time Breakdown

Videos = 5 Minutes

Fact Sheets = 5 minutes

Practice Questions = 5 minutes

Total Time = 15 minutes

Reference: [TestOut Security Pro Lesson Plan Document](#)