Computer Networking Virtual Learning

ITE - 13.8 - File Encryption

Lesson: <mark>5/6/2020</mark>

Objective/Learning Target:
- Configure file encryption

Focus Questions

- Which encryption method encrypts individual files so that only itsowner and authorized users can decrypt the file and read it?

- Why is it important to not move files that have been encrypted with EFS to a non-NTFS partition?

- How does file encryption differ from disk encryption?

- What is the role of a TPM when implementing whole disk encryption?

- Which editions of Windows provide BitLocker support?

- How can BitLocker be implemented on Windows systems lacking a TPM chip on the motherboard?

- What protocols are commonly used to establish a VPN? Which protocol is typically used for web transactions?

- What protocols are commonly used to encrypt and secure wireless communications?

Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 13 - Security, Section 8 - File Encryption
- Review Vocabulary words for 13.8 before starting into Section
- Read Fact Sheets located in sections 13.8.2, 13.8.6
- Watch videos located in sections 13.8.1, 13.8.3, 13.8.5, 13.8.7
- Complete Lab Simulation located in sections 13.8.4
- Answer/Review Practice Questions located in section 13.8.8

Time Breakdown

Videos = 25 Minutes
Fact Sheets = 10 minutes
Lab Sim = 5 minutes
Practice Questions = 10 minutes
Total Time = 50 minutes

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