



Computer Networking Virtual Learning

# ITE - 12.13 - Virtual Memory

April 22, 2020



Lesson: 4/22/2020

## Objective/Learning Target:

- Monitor system memory utilization in Task Manager
- Configure page file settings
- Move the paging file to a different hard disk
- Create multiple paging files
- Troubleshoot disk thrashing



# Focus Questions

- What is the benefit of using virtual memory?
- How does virtual memory work? What is the purpose of swapping?
- What is the benefit of using a separate hard disk for the paging file?
- What condition causes disk thrashing? How can you reduce its effects?



# Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 12 - System Management, Section 13 - Virtual Memory
- Review Vocabulary words for 12.13 before starting into Section
- Read Fact Sheets located in sections 12.13.3
- Watch videos located in sections 12.13.1, 12.13.2
- Complete Lab Simulation located in section 12.13.4
- Answer/Review Practice Questions located in section 12.13.5



# Time Breakdown

Videos = 15 Minutes

Fact Sheets = 5 minutes

Lab Simulation = 5 minutes

Practice Questions = 5 minutes

**Total Time = 30 minutes**

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