Computer Networking Virtual Learning

CCNA- 3.14 - Cooling

Lesson: <mark>4/23/2020</mark>

Objective/Learning Target:

- Understand how cooling improves the functionality of a computer and its components

- How does adequate cooling improve performance and extend the life of components?
- How does organizing and attaching cables and wires in and around a computer system help with internal airflow?
- Why should you keep the system case cover on during normal operations?
- Why is it important that case fans are installed properly?
- When might you want to add liquid cooling to a computer?
- What is the difference between an active heat sink and a passive heat sink?
- What is the function of thermal paste? When should it be used?

Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 3 - System Components, Section 14 - Cooling
- Review Vocabulary words for 3.14 before starting into Section
- Read Fact Sheets located in sections 3.14.2
- Watch videos located in sections 3.14.1
- Answer/Review Practice Questions located in section 3.14.3

Time Breakdown

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

Reference: TestOut PC Pro Lesson Plan Document