



Computer Networking Virtual Learning

CCNA- 5.3 - Optical Media

May 6, 2020



Lesson: 5/6/2020

Objective/Learning Target:

- What is an optical media device?
- Understand the characteristics of a CD/DVD/Blu-Ray disc



Focus Questions

- How much data does a CD typically hold? How much data does a DVD hold? How much data does a Blu-ray disc hold?
- An optical drive speed is identified as 24x10x70. What does each of the numbers indicate?
- A DVD drive and a Blu-ray drive can both read data at 4x speeds. How do the drive's speed compare to the amount of data that can be transferred?
- How are Blu-ray drives made compatible with CD, DVD, and Blu-ray discs?
- What is the difference between BD-R and BD-RE discs?
- Which type of connector attaches an optical drive to the motherboard?



Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 5 - Storage, Section 3 - Optical Media
- Review Vocabulary words for 5.3 before starting into Section
- Read Fact Sheets located in sections 5.3.4
- Watch videos located in sections 5.3.1, 5.3.2, 5.3.3
- Answer/Review Practice Questions located in section 5.3.5



Time Breakdown

Videos = 15 Minutes

Fact Sheets = 5 minutes

Practice Questions = 5 minutes

Total Time = 25 minutes

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