



Computer Networking Virtual Learning

CCNA- 5.4 - Raid

May 7, 2020



Lesson: 5/7/2020

Objective/Learning Target:

- Create RAID arrays
- Implement a RAID solution



Focus Questions

- How do striping and mirroring differ?
- What is parity?
- How does a RAID 0 configuration improve disk read and write performance?
- With a RAID 0 configuration, what happens to your data if a drive in the set fails?
- What is the minimum number of disks required for a RAID 5 configuration?
- What advantages does RAID 5 have over RAID 1?
- How do RAID 5 and RAID 10 differ?



Learning Tasks

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 5 - Storage, Section 4 - RAID
- Review Vocabulary words for 5.4 before starting into Section
- Read Fact Sheets located in sections 5.4.2, 5.4.4
- Watch videos located in sections 5.4.1, 5.4.3
- Complete Lab Simulation located in sections 5.4.5, 5.4.6
- Answer/Review Practice Questions located in section 5.4.7



Time Breakdown

Videos = 20 Minutes

Fact Sheets = 10 minutes

Lab Simulation = 10 minutes

Practice Questions = 15 minutes

Total Time = 55 minutes

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