

CYBR 4423 UNIX/LINUX ADMIN STUDY GUIDE

MODULE 8: STORAGE DEVICE MANAGEMENT

Module LEARNING OUTCOMES

Upon Completion of this module, students should be able to

1. Describe how devices are managed in Linux
2. Describe the storage disk and partition structure
3. Practice partitioning, formatting, and mounting a hard disk using various tools

INSTRUCTION

1. Study + hands on (4 to 6 hours)
 - a. Read through the powerpoint, resource links provided and watch the videos
 - b. Complete the quiz for the first attempt.
 - c. Complete lab. Refer to the lecture notes and answers whenever needed. Compile all required screenshots in the labs in **one PDF file** and submit it in D2L. **All screenshots must be original and show the complete computer screen - no graphic editing or cropping is allowed.** Clearly name and label all screenshots.
 - d. Please discuss in the D2L forum if you have questions for the lab and quiz.

READING LIST

1. Required readings
 - a. [Learn Linux, 101: Hard disk layout](#)
 - b. [Ubuntu How to Partition](#)
 - c. [Linux Partition HOWTO](#)
 - d. [How to Choose a Partition Scheme for Linux](#)
 - e. [Partitioning A Disk](#)

TASK LIST

1. Lab: "lab-8"
2. Assessment: complete the online quiz #8. Please discuss it in the discussion board if you have questions.

[How to Choose a Partition Scheme for Linux](#)