

CYBR 4423 Unix/Linux Admin Study

Guide Module 11: LAMP

Module LEARNING OUTCOMES

Upon the completion of this module, students should be able to:

1. Install and configure the LAMP service
 - a. Apache
 - b. PHP
 - c. MySQL + phpmyadmin

INSTRUCTION

1. Round 1 Study (4 to 5 hours)
 - a. Read (reading list) 1a to get some concepts clear. Lines 1b, 1c and 1d are for information only, installation instructions will be found in the lab.
 - b. Quickly go through the lecture notes, videos and the examples (example files are provided) to preview the module content. Make sure you can understand these examples.
 - c. Complete the quiz for the first attempt.
2. Round 2 Study (4 to 6 hours)
 - a. Complete lab 10. 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.
 - b. Please discuss in the D2L forum if you have questions for the lab and quiz.
 - c. Complete the quiz for the second attempt if necessary.
 - d. Review the lecture notes to see if you have anything missed. Follow more readings in reading list 3 if you need advanced study or references.

READING LIST

1. Required readings
 - a. [LAMP \(software bundle\)](#)
 - b. [Tux Tweaks](#)
 - c. [Ubuntu Server Guide](#)
 - d. [XAMPP](#)
2. Lecture notes "lamp.pdf"
3. Additional resources and readings
 - a. [Ubuntu Server Guide](#)
 - b. [ApacheMySQLPHP](#)
 - c. [Name-based Virtual Host Support](#)
 - d. [VirtualHost Examples](#)

TASK LIST

1. Lab: "lab-11.pdf"
2. Quiz #11