

The Linux System



Review Questions

Section 18.1

- 18.1 True or False? The Linux kernel and a Linux distribution are the same thing.
- 18.2 What are the two types of Linux kernels?
- 18.3 True or False? Linux is public domain software.

Section 18.2

- 18.4 What are the three main bodies of code in a Linux system?

Section 18.3

- 18.5 What is the benefit of using a kernel module?

Section 18.4

- 18.6 True or False? Linux uses a process model similar to UNIX systems.
- 18.7 In addition to the `fork()` system call, what other system call can be used to create a thread in Linux?

Section 18.5

- 18.8 What are the two different types of scheduling algorithms in Linux?
- 18.9 What are passwords that allow the space character are known as?

Section 18.6

- 18.10 What is the term for the four different regions how Linux separates physical memory?
- 18.11 True or False? Zones are hardware neutral.

18.12 In addition to a.out, what other file format does Linux use for representing binary files?

Section 18.7

18.13 What is the layer of software that Linux uses to hide implementation details of a specific file system?

18.14 What is the name of the Linux process file system?

Section 18.8

18.15 What are the three classes of devices in a Linux system?

Section 18.9

18.16 What is the standard mechanism for informing a process an event has occurred?

Section 18.10

18.17 What are the three layers of software that implement networking in the Linux kernel?

Section 18.11

18.18 What are the two groups for classifying Linux security?