

# The Linux System



## Review Questions

### Section 15.1

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

### Section 15.2

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

### Section 15.3

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

### Section 15.4

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

### Section 15.5

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

### Section 15.6

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

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

**Section 15.7**

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

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

**Section 15.8**

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

**Section 15.9**

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

**Section 15.10**

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

**Section 15.11**

15.18 What are the two groups for classifying Linux security?