

# The Linux System



## Review Questions

### Section 20.1

- 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 20.2

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

### Section 20.3

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

### Section 20.4

- 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 20.5

- 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 20.6

- 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 20.7**

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 20.8**

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

**Section 20.9**

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

**Section 20.10**

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

**Section 20.11**

18.18 What are the two groups for classifying Linux security?