

All about Linux

Linux distributions

The shell

Review: The Linux operating system

Video: Wrap-up  
51 sec

Reading: Glossary terms from week 2  
10 min

Quiz: Weekly challenge 2  
9 questions

✔ Congratulations! You passed!

Grade received 97.22%

Quiz • 45 min

Latest Submission Grade 88.89%

To pass 80% or higher

Retake the assignment in 23h 57m

Go to next item

Review Learning Objectives

1. Fill in the blank: Linux is a(n) \_\_\_\_\_ operating system.

0 / 1 point

- ☐ open-source
- ☒ closed-source
- ☐ single-user
- ☐ command line

✔ Receive grade  
Incorrect Please try the question again.

2. Which of the following components are part of a portable architecture? Select all that apply.

1 / 1 point

- ☒ Hardware
- ☒ Correct
- ☒ The kernel
- ☒ Correct
- ☒ The Filesystem Hierarchy Standard (FHS)
- ☒ Correct
- ☐ Standard output

3. What is one reason why there are multiple distributions of Linux?

1 / 1 point

- ☐ Linux distributions are closed source, which means users must create a new distribution if they want to use Linux.
- ☒ The Linux kernel is open source, which means anyone can use the kernel and modify it.
- ☐ The Linux kernel is updated yearly, which means community developers create new distributions to stay updated.
- ☐ Linux distributions expire after a period of time, which means new distributions must be created.
- ☒ Correct

4. What is an example of a Linux distribution that comes pre-installed with many security-related tools?

1 / 1 point

- ☐ SUSE
- ☒ KALI LINUX ™ (KALI LINUX ™ is a trademark of OffSec.)
- ☐ Wireshark
- ☐ Kernel
- ☒ Correct

5. Which of these Linux distributions come with pre-installed tools related to penetration testing and digital forensics? Select two answers.

1 / 1 point

- ☒ KALI LINUX ™
- ☒ Correct
- ☐ Wireshark
- ☐ CentOS
- ☒ Parrot
- ☒ Correct

6. Fill in the blank: The \_\_\_\_\_ communicates with the kernel to execute commands.

1 / 1 point

- ☒ shell
- ☐ hardware
- ☐ interface
- ☐ Filesystem Hierarchy Standard (FHS)
- ☒ Correct

7. If you enter `echo cybersecurity` into the command line, what is the output?

1 / 1 point

- ☐ echo
- ☐ cybersecurity.txt
- ☐ echo cybersecurity
- ☒ cybersecurity
- ☒ Correct

8. Which of the following is an example of an application?

1 / 1 point

- ☒ nano
- ☐ Parrot
- ☐ CentOS
- ☐ The kernel
- ☒ Correct

9. When the system doesn't know how to respond to a command, what is the result?

1 / 1 point

- ☐ Standard input
- ☐ A request for additional resources
- ☐ Standard output
- ☒ An error message
- ☒ Correct