

All about Linux

Linux distributions

The shell

Review: The Linux operating system

Video: Wrap-up

Reading: Glossary terms from week 2

Quiz: Weekly challenge 2

🎉 Congratulations! You passed!

Grade received

Quiz • 45 min

Latest Submission

Grade 97.22%

To pass 80% or higher

Go to next item

Review Learning Objectives

1. Which aspect of Linux makes it available to everyone?

1 / 1 point

- ☐ Its multiple distributions
- ☐ Its use in cyber security
- ☐ Its kernel
- ☒ Its open-source design
- ☒ Correct To Pass 80% or higher

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

0.75 / 1 point

- ☐ Applications
- ☒ The shell
- ☒ The kernel
- ☐ Standard input

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

1 / 1 point

- ☐ The Linux kernel is updated yearly, which means community developers create new distributions to stay updated.
- ☐ 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.
- ☐ 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

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

6. What is the Linux shell used for?

1 / 1 point

- ☒ It allows you to communicate with the operating system.
- ☐ It ensures the system allocates resources efficiently.
- ☐ It manages processes and memory.
- ☐ It organizes the data stored in the computer so it can be found easily.
- ☒ Correct

7. Which of the following are communication methods with the shell? Select all that apply.

1 / 1 point

- ☒ Standard output
- ☒ Standard input
- ☒ Standard error
- ☐ Standard command

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

1 / 1 point

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

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

1 / 1 point

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

Your grade

97.22%

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