

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 97.22%
Latest Submission grade 97.22%
Quiz • 45 min

Weekly challenge 2

To pass 80% or higher

Go to next item

Review Learning Objectives

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

1 / 1 point

☐

single-user

👤 Submit your assignment

☒

open-source

Jun 18, 11:59 PM +08 Attempts 3 every 24 hours

☐

command line

☐

closed-source

👤 Receive grade

☒

Correct To Pass 80% or higher

Your grade

97.22%

View Feedback

We keep your highest score

Try again

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

0.75 / 1 point

☒

Applications

☒

Correct

☒

The shell

☒

Correct

☒

The Filesystem Hierarchy Standard (FHS)

☒

Correct

☒

The distribution

☒

This should not be selected

Please review [the video on the Linux architecture](#).

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.

☒

The Linux kernel is open source, which means anyone can use the kernel and modify it.

☐

Linux distributions are closed source, which means users must create a new distribution if they want to use Linux.

☐

Linux distributions expire after a period of time, which means new distributions must be created.

☒

Correct

4. What is KALI LINUX ™?

1 / 1 point

(KALI LINUX ™ is a trademark of OffSec.)

☐

A component of the Linux OS that manages processes and memory

☐

A subscription-based enterprise distribution of Linux

☐

A component of the Linux architecture that is responsible for processing commands and outputting results

☒

An open-source Linux distribution that is widely used in security

☒

Correct

5. Which of these are common Linux distributions? Select all that apply.

1 / 1 point

☒

Red Hat

☒

Correct

☒

Parrot

☒

Correct

☒

CentOS

☒

Correct

☐

Bash

6. What is the Linux shell used for?

1 / 1 point

☐

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.

☒

It allows you to communicate with the operating system.

☒

Correct

7. Fill in the blank: When you communicate with the shell, the commands in the shell can _____. Select all that apply.

0.75 / 1 point

☒

take output

☒

This should not be selected

Please review [the video on input and output in the shell](#).

☒

give error messages

☒

Correct

☒

take input

☒

Correct

☒

give output

☒

Correct

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

1 / 1 point

☐

Applications

☒

CPU

☐

Kernel

☐

Shell

☒

Correct

9. What is standard input?

1 / 1 point

☐

Information returned by the OS through the shell

☐

Data consisting of an ordered sequence of characters

☒

Information received by the OS via the command line

☐

A Linux command that outputs a specified string of text

☒

Correct