

### Question 1

Fill in the blank: Because the \_\_\_\_\_ is open source, anyone can modify it to build new Linux distributions. 1 / 1 point

application

shell

hardware

kernel

Correct

Because the kernel is open source, anyone can modify it to build new Linux distributions. The kernel is the component of the Linux OS that manages processes and memory.

### Question 2

What is KALI LINUX™? (KALI LINUX™ is a trademark of OffSec.) 1 / 1 point

A subscription-based Linux distribution built for enterprise use

A tool used to guess passwords

A Debian-derived, open-source distribution of Linux designed for security tasks

A tool with a graphical user interface that can be used to analyze live and captured network traffic

Correct

KALI LINUX™ is a Debian-derived, open-source distribution of Linux designed for security tasks, such as penetration testing and digital forensics.

### Question 3

What is an open-source, user-friendly distribution derived from Debian that is widely used in security and other industries? 1 / 1 point

tcpdump

Red Hat

Autopsy

Ubuntu

Correct

Ubuntu is an open-source, user-friendly distribution derived from Debian that is widely used in security and other industries. Because of its wide use, Ubuntu has a large number of community resources to support users.

### Question 4

Which of the following are distributions of Linux? Select all that apply. 1 / 1 point

Parrot

Correct

Red Hat, CentOS, and Parrot are all distributions of Linux.

CentOS

Correct

Red Hat, CentOS, and Parrot are all distributions of Linux.

Red Hat

Correct

Red Hat, CentOS, and Parrot are all distributions of Linux.

Pen Test