PEN-103: Kali Linux Revealed

Duration: 90 Days

Course Description:

The PEN-103 course provides a comprehensive introduction to the Kali Linux distribution, the industry-standard toolkit for penetration testing. Learners will gain hands-on experience in a lab environment, performing real-world penetration testing scenarios. This course covers everything from basic Linux usage and Debian package management to advanced Kali configuration, security, and usage within the enterprise.

Learners completing the online training course and passing the accompanying exam earn the Kali Linux Certified Professional (KLCP) certification. This certification validates an individual's mastery of the Kali Linux operating system, including advanced configuration, security, and tool usage. KLCP holders demonstrate expertise that can be applied across various security roles, particularly those involving system administration, network security, and penetration testing preparation.

Course Outlines:

Introduction

 ➢ Overview of Linux, its history, and its role in cybersecurity.

About Kali Linux

 ➢ Introduction to the Kali Linux distribution, its purpose, and its features.

Getting Started with Kali Linux

 ➢ Basic navigation, command-line interface (CLI) usage, and essential Linux commands.

Installing Kali Linux

 ➢ Different installation methods (virtual machine, bare metal, etc.) and troubleshooting tips.

Configuring Kali Linux

 ➢ Customizing your Kali environment, network settings, and updating tools.

Helping Yourself and Getting Help

 ➢ Learning how to troubleshoot issues, find resources, and utilize the Kali community.

Securing and Monitoring Kali Linux

 ➢ Best practices for securing your Kali system and monitoring for unauthorized access.

Debian Package Management

 ➢ Understanding the package management system, installing, updating, and removing software.

Advanced Usage

 ➢ Advanced command-line techniques, scripting, and customization for efficient Kali usage.

Kali Linux in the Enterprise

 ➢ Utilizing Kali Linux in professional settings, ethical considerations, and legal frameworks

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