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Kali Linux Training

Email Contact: info@educba.com



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Course Overview

You get to learn everything about ethical hacking and penetration testing in Kali Linux right from scratch to the advanced level.

It includes understanding the fundamentals, social engineering and trojans, Meterpreters, hacking, Metasploit, Cryptography and other ethical hacking concepts.

Kali Linux Training Skills

We learn the following skills:

In this Kali Linux Training, you will get a deep view of working with Kali Linux to strengthen the security of your network.

Throughout the course, you will come across several topics which will enhance your understanding about Kali Linux and also make you familiar with the working of Kali Linux.

There are some of the CLI automated tools like sqlmap, meterpreter, hydra

Course Features



Course Duration-
21+ Hours



Number of Courses



Verifiable
Certificates



Lifetime Access



Technical
Excellence

About Kali Linux

Kali Linux can be defined as the special distribution of the Linux operating system that is used to perform penetration testing.

There are several free to use the automated tool available in Kali Linux that makes it very easy for the hacker or the ethical hacker to intrude in any system either to abuse it or to protect it. It is an open source operating system and can be used by any of the party for free.

Together with providing the best hacking environment, it also works very fast as compared to other operating systems.

Kali Linux Course

This is a Bundle Course that includes complete in-depth Kali Linux Learning Courses combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a Kali Linux Learning professional.

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Ethical Hacking & Penetration Testing:01 – The Fundamentals

Section 1. What is Ethical hacking and Penetration testing

- Introduction Part1
- Introduction Part 2

Section 2. Installation and Configuration

- Kali Linux
- Operating systems_part 01
- Operating systems_part 02
- Installing Operating Systems
- Installing vmware tools
- Configuring Kali Linux
- Installing Kali Linux on MacBook

Section 3. Footprinting and Reconnaissance

- What is Footprinting
- Footprinting Objectives
- Footprinting Tools
- Google Hacking part1
- WhoIS lookup

Section 4. Phishing Attacks

- DNS footprinting_part 01
- DNS footprinting_part 02
- Determining Operation System
- Phishing Attacks_part 01
- Phishing Attacks_part 02
- Connecting information database
- Nmap and ZenMap

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Social Engineering and Trojans

Section 1. Social Engineering and information Gathering

- The Harvester
- WHOIS and dnsenum
- Urlcrazy and dnsdict6
- Dnsrecon
- Dnsmapping

Section 2. Social Engineering and information Gathering

- Introduction
- Types of Social Engineering
- Social Engineering attacks
- Spear-phishing Attack
- Phishing Attack
- Mass mailer Attack

Section 3. Trojans and Backdoors

- Types of Computer Malwares
- Dangerous viruses of all time
- Installing Rootkit Hunter
- command prompt backdoor
- Backdoor & Gaining Access

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Meterpreter, DNS and ICMP

Section 1. Meterpreter Commands

- Command prompt backdoor
- Meterpreter Backdoor
- I am Root
- Forensic escaping
- Hacking win7 SAM database
- Jack the ripper
- Meterpreter commands

Section 2. DNS Spoofing

- PDF embedded Trojan Horse
- Java Applet Attack Method_part01
- Java Applet Attack Method_part 02
- MITM Attack
- ARP Poisoning
- DNS spoofing vs DNS poisoning
- DNS spoofing
- DHCP Spoofing
- Port Stealing

Section 3. ICMP Redirection

- ICMP redirection
- Killing a Network
- Ddosing unauthorised Network
- Driftnet
- EvilGrade

Section 4. Denial of Service Attack

- Introduction to DoS
- DoS vs DDoS
- Levels of Ddos Attacks
- Preventing DDoS Attacks
- DDoSing Windows 7 method 1

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Hacking

Section 1. Hacking Android

- Hacking through Android
- Hacking Android via Kali Linux

Section 2. Password Cracking

- Introduction to Password Cracking
- Password cracking Strategy
- Password cracking
- Windows Password cracking
- Linux Hash Cracking
- Generating wordlist
- CeWL cracking

Section 3. Wireless Hacking

- WEP and WPA
- WPA2
- 1X standard
- Wireless cracking via Kali

Section 4. Meterpreter

- Activating payloads

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Hacking

Section 1. Metasploit

- Msfconsole explained
- Msfconsole commands
- Exploits
- Payloads
- Generating payloads

Section 2. SQL injection

- Intro to SQL injection
- SQL injection to google dorks
- SQL mapping via Kali Linux
- Gathering Password and cracking the hash

Section 3. Cryptography

- Introduction
- Hash Func and Oracle Method
- Birthday Theorem and Digital Signature
- Pros and Cons of Cryptography

Section 4. Metasploit Database

- Importing Databases
- Exporting Databases

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Advanced Penetration Testing

Section 1. Introduction

- Introduction to Pentesting

Section 2. NMAP

- Creating a Virtual Pentesting Lab
- Nmap Scanning
- Advanced Scanning
- Nmap Zombie Scan
- Nmap Timing Options
- Nmap Pre-Existing Scripts
- Simple Nmap Scripts

Section 3. Python Port Scanner


- Python Port Scanner
- SMTP Mail Server
- Samba Exploit
- NFS Exploit
- Grey Box and White Box
- The Malware
- Social Engineering

Section 4. Android Exploitation

- Android Exploitation

Section 5. Hashdump

- Hashdump and Password Phishing
- Automated Handler with Resource



Frequently Asked Questions

Why should I learn Kali Linux?

Kali Linux is the only operating system to satisfy the need for network security. It is comprised of several automated tools that are used to launch attacks on the target to detect its weak point that could be leveraged by hackers to compromise the system.

How long it may take to learn Kali Linux?

Kali Linux is a very vast operating system. It makes take you around a month to go through the fundamental of this OS while to learn its advanced features, you will require to devote two more months. Rest of the things depends upon how quickly you learn things. It's very simple and easy and can be mastered by anyone who is willing to learn this.



Customer Reviews

“

This course is a great resource for entry level and intermediate Information Security professionals. It is easy to follow and provides the fundamentals to pursue many different paths in Information Security. For entry-level InfoSec professionals I would recommend taking some sort of networking refresher prior to this course.

Alex Ewin

”

Like the courses & its structures very helpful & easy to understand. Kali Linux course is really interesting, would recommend this course for people who want to learn about kali linux.the course cover more all option which is available in kali and make it a perfect course. looking for an interesting IT course like this in the future.

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“

This online course on Kali Linux can be easily understood by beginners and also the presentation of the software's, tools and utilities as well as the step by step process in the videos are very clear and precise. For a beginner, this course can make you feel comfortable in using the various tools presented in the videos. Nice understanding of the concpets

Daryll Malicsi



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Kali Linux Training

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