

Dark Web 101

Training Course



COURSE HIGHLIGHTS

1



16 Hrs of Instructor-led Training

2



Learn with Practical Approach

4



Dedicated Session for Interview Prep

3



Access to Recorded Sessions

5



Training Completion Certificate

COURSE

OVERVIEW

InfosecTrain's Dark Web-101 Training Course is a gateway to the mysterious world of the Dark Web, tailored for those eager to deepen their understanding of this hidden digital landscape. This immersive training program takes participants on a hands-on exploration of the Dark Web, unraveling its intricacies and equipping participants with essential knowledge and skills. Participants will master the fundamentals, explore advanced techniques, and navigate ethical considerations. This course covers everything from securing browsing to uncovering hidden gateways and services, enhancing personal security, and conducting intelligence gathering.



WHY DARK **WEB-101** TRAINING COURSE WITH INFOSECTRAIN?

InfosecTrain is a leading IT security training and consulting organization offering best-in-class yet cost-effective, customized training programs to enterprises and individuals across the globe. We offer role-specific certification training programs and prepare professionals for the future. Our Dark Web-101 training course provides comprehensive expertise in the Dark Web and fortifies an individual's cybersecurity capabilities.

Here's what you get when you choose InfosecTrain as your learning partner :

- ① **Flexible Schedule:** Training sessions to match your schedule and accommodate your needs.
- ① **Post Training Support with No Expiry Date:** Ongoing assistance and support until the learners achieve their certification goals.
- ① **Recorded Sessions:** Access to LMS or recorded sessions for post-training reference.
- ① **Customized Training:** A training program that caters to your specific learning needs.
- ① **Knowledge Sharing Community:** Collaborative group discussions to facilitate knowledge sharing and learning.
- ① **Certificate:** Each candidate receives a certificate of participation as a testament to their accomplishment.
- ① **Expert Career Guidance:** Free career guidance and support from industry experts.

TARGET AUDIENCE



- Security Analysts
- Incident Responders
- Penetration Testers
- Ethical Hackers
- Law Enforcement and Investigators
- Open Source Intelligence (OSINT) Practitioners

PRE-REQUISITES

- Basic understanding of computer systems, networks, and internet usage
- Basic knowledge of cybersecurity principles and concepts
- Basic understanding of Open Source Intelligence (OSINT) techniques

COURSE

OBJECTIVES

YOU WILL BE ABLE TO:

- ① Understand the Dark Web's fundamentals and dispel misconceptions
- ① Learn to set up and configure the Tor browser for secure Dark Web browsing
- ① Get acquainted with alternative Dark Web networks like I2P and access hidden services
- ① Explore the anonymity offered by the Tor network and master concepts like Tor circuits, relays, and exit nodes
- ① Utilize cryptographic techniques like PGP and OTR for secure communication
- ① Develop Open Source Intelligence (OSINT) skills specific to the Dark Web
- ① Analyze Dark Web content and identify trends, threats, and actors
- ① Conduct reconnaissance on marketplaces, forums, and individuals
- ① Identify common Dark Web threats and illicit activities, including malware and exploit kits
- ① Explore techniques for finding an organization's information, breach data, employee details, and exposed credentials on the Dark Web
- ① Navigate the legal and ethical considerations of Dark Web investigations
- ① Gain insight into the evolving landscape of Dark Web technologies and their impact on security

COURSE

CONTENT

INTRODUCTION TO THE DARK WEB

- ⤵ Understanding the Dark Web: Definition, Purpose, and Misconceptions
- ⤵ Differentiating between the Dark Web, Deep Web, and Surface Web
- ⤵ Understanding the Dark Web: Definition, Purpose, and Key Features
- ⤵ Overview of Dark Web Protocols (e.g., Tor, I2P) and Their Significance

DARK WEB INFRASTRUCTURE

- ⤵ Setting up and Configuring Tor Browser for Safe Dark Web Browsing
- ⤵ Introduction to I2P and other Alternative Dark Web Networks
- ⤵ Identifying and Accessing Dark Web Gateways and Hidden Services

DARK WEB ANONYMITY AND SECURITY

- ⤵ Exploring the Anonymity Provided by the Tor Network
- ⤵ Understanding Tor Circuits, Relays, and Exit Nodes
- ⤵ Enhancing Personal Security on the Dark Web: Best Practices and Tools
- ⤵ Utilizing Cryptographic Tools (e.g., PGP, OTR) for Secure Communication
- ⤵ Exploring Anonymizing Networks Beyond Tor (e.g., I2P, Freenet)

DEEP WEB INTELLIGENCE GATHERING

- ⤵ OSINT Techniques Specific to the Dark Web
- ⤵ Extracting Valuable Intelligence from Dark Web Forums and Communities
- ⤵ Dark Web Content Analysis: Identifying Trends, Threats, and Actor
- ⤵ Dark Web Reconnaissance: Collecting Information on Marketplaces, Forums and Individuals

DARK WEB THREAT LANDSCAPE

- Identifying Common Dark Web Threats and Illicit Activities
- Dark Web Malware and Exploit Kits
- Dark Web Cybercrime: Marketplaces for Stolen Data, Drugs, Weapons, etc.

DARK WEB ENUMERATION

- Exploring the Dark Web for Finding Organization Information
- Finding Breach Data on Wikileaks
- Finding Employee Information on Dark Web
- Detect Ransomware Dump Site Listings
- Finding the Behavior of APTs and Their TTP
- Detecting Exposed Credentials

DARK WEB INVESTIGATIONS

- Legal and Ethical Considerations in Dark Web Investigations
- Conducting Dark Web Undercover Operations
- Advanced Dark Web Monitoring and Data Collection Techniques
- Case Studies: Real-world Dark Web Investigations and Outcomes

DARK WEB SECURITY AND DEFENSE

- Dark Web Operational Security (OPSEC) Best Practices
- Countermeasures Against Dark Web Threats and Attacks
- Techniques for Deanononymizing Dark Web Actors
- Dark Web Law Enforcement Initiatives and Collaboration Efforts

DARK WEB FUTURE TRENDS AND EMERGING TECHNOLOGIES

- Evolution of Dark Web Technologies and Their Impact on Security
- Dark Web in the Age of Blockchain, Cryptocurrencies, and Decentralized Marketplaces
- Predicting Future Challenges and Opportunities in Dark Web Enumeration



COURSE

BENEFITS



Hiring companies



Source: Indeed, PayScale