Darknet Investigations for Law Enforcement

Days: 5

Prerequisites: This course is strictly restricted to government and police personnel. Participants should have basic computer skills and a fundamental understanding of internet navigation. Previous experience with investigative techniques is beneficial but not required.

Audience: This course is intended for law enforcement officers who are directly responsible for maintaining public safety and security and are interested in enhancing their skills in Darknet investigations.

Description: The DarkWeb Investigation Course offers a unique learning opportunity that provides students with a comprehensive understanding of effective investigation techniques specific to Darknet sites and users. Unlike general lecture courses, this program is enriched with real-world examples and incidents, ensuring that students gain practical insights and hands-on experience directly applicable to their work in law enforcement. Students will be immersed in a blend of presentations and demonstrations covering cutting-edge techniques for navigating and investigating the DarkWeb. The curriculum is designed to enhance investigative skills, enabling officers to meet the challenges presented by the anonymity and complexity of Darknet activities. Participation and interaction are key components, ensuring students can effectively internalize and practice the methodologies taught.

Course Objectives: In this course, you will:

- Understand what the Darknet is and how it differs from the Deep Web.

- Set up and use Tor for investigations.

- Learn to track funds through various cryptocurrencies.

- Develop and use a persona for undercover Darknet investigations.

- Explore other Darknet tools and find evidence of criminal activity.

- Implement legally available methods to identify anonymous users on the Darknet.

- Use Meta Data in files to track duplicates, sources, and identify additional intelligence.

- Build a non-attributable social network profile and legend for Darknet investigations.

OUTLINE:

Lesson 1: Introduction to the Darknet
- Topic A: What the Darknet is and what it is not
- Topic B: Understanding the technology behind the Darknet

Lesson 2: Using Tor for Investigations
- Topic A: Setting up and using Tor
- Topic B: Methods for finding information on the Tor network

Lesson 3: Cryptocurrency and the Darknet
- Topic A: Understanding Bitcoin and other cryptocurrencies
- Topic B: Tracking funds and using wallets in investigations

Lesson 4: Undercover Operations on the Darknet
- Topic A: Developing and using a persona
- Topic B: Online officer safety techniques

Lesson 5: Exploring Other Darknets

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- Topic A: Accessing other Darknet tools
- Topic B: Finding evidence of criminal activity

Lesson 6: Locating Suspects on the Darknet
- Topic A: Techniques to identify anonymous users
- Topic B: Building tools to assist in investigations
- Topic C: Legal issues in identifying users

Lesson 7: Using Meta Data in Investigations
- Topic A: Tracking duplicates and sources
- Topic B: Revealing Exif data in images

- Topic C: Hashing and searching for additional intelligence

Lesson 8: Legend Building for Darknet Investigations
- Topic A: Non-attributable social network profiles
- Topic B: Tradecraft and digital hygiene

Appendix A: Course Materials
- Online and hard copy of the training manual
- Quick reference cheat-sheets
- Step-by-step instructions for all exercises
- Course thumb drive with associated software and resource material