PARSONS®

DARK WEB IMMERSION

Discover, detect, demystify dark web networks

Course Overview

Our Dark Web Immersion Course is designed to provide a secure environment were researchers and analysts can develop a foundational knowledge of dark web networks and the content found therein. This course applies CASO methodology to the task of discovery and enumeration of entities on the dark web and showcases a variety of tools and methods to maintain privacy and security while conducting online operations. Through hands-on practical exercises and live demonstrations, we will help you gain an understanding of dark web research tradecraft which can be used to uncover risks to you, your organization, or your assets.

Topics Include

- Tor, I2P, Hyphanet, and ZeroNet dark web network architecture, installation, and operation
- Anonymously accessing hidden services, eepsites, freesites, and zites
- Exploring dark web search engines, forums, chats, marketplaces, and more
- Understanding Bitcoin mechanics and Blockchain analysis of financial transactions
- Private communications and file share
- Using virtualization with Tails and Whonix to safely conduct dark web operations

Product Quick Stats:

- 5-day all-inclusive training program.
- Gain an understanding of dark web tradecraft.
- Conduct effective research on the dark web using a variety of tools and methods.
- Get hands-on with Tor, I2P, and other dark web networks.
- Discover new networks and employ methods to track activity from the dark to surface web.
- Explore private communications and file share methods on the dark web.
- Understand cryptocurrency and financial analysis.

Skills & Outcomes

- Safe and secure configuration and access to multiple dark web networks
- Employ the best techniques in privacy and security to manage attribution
- Advanced methods and search techniques for discovery of dark web content
- Learn workflows for enumerating email addresses, PGP keys, and online aliases across the dark web
- Obtain a free, open-source toolkit and knowledge to conduct passive dark web investigations
- Understand dark web tradecraft for effective, credible engagement with dark web actors

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Course Schedule

Day 1	Day 2	Day 3	Day 4	Day 5
• Orientation • Legal Considerations • Case Studies: OSINT & The Dark Web • Dark Web Lineup	• Tor Browser & Access Methods • Tor Content • Tool-assisted Discovery	• Bitcoin Mechanics • Blockchain Analysis • Blockchain Investigation with Tools	• Secure Communications • Understanding Dark Web Data	• Virtualization w/Tails & Whonix • Dark Web Investigations • Capstone

Delivery

Parsons TOG offers training online, in person at our facilities in Herndon, VA, and Fayetteville, NC, or on-site through mobile training teams. Our secure virtual platform uses US Government–approved, Tier C–compliant encrypted Office 365 solutions that meet ISO, SOC, HIPAA, and FERPA standards and enforce multi-factor authentication. Our security-cleared instructors can train in any environment that meets required standards, ensuring compliance with your operational security requirements.

Additional Courses

We offer the following upgrade options:

CASO for Threat Intelligence - holistic training focused on research and analysis of digital threat data, with an emphasis on applying a flexible research framework towards producing actionable and meaningful threat intelligence reports and deliverables.

Commercial Signature Reduction (CSR) - advanced commercial best practices for digital data protection techniques to facilitate safe virtual on-line operations.

Additional details for each option provided upon request.

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More Info and Enrollment!

We offer various options to create a contracted, dedicated course to meet your organization's operational requirements. For contracted training and price quotes please send all inquiries to:

TOGTraining.parsons@parsons.us

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