CO1 COMPENDIUM CENTRUM EDUKACYJNE

Training: SECO-Institute
Dark Web Foundation

TRAINING GOALS:

Dark Web Foundation is a course for those interested in learning how to access and navigate the Dark Web. The course draws on the practical experience of high-level cybersecurity experts and Dark Web researchers. The learning material was co-developed with the Netherlands Organisation for Applied Scientific Research (TNO), the first scientific research institute to partner with INTERPOL to combat cybercrime.

During the course, you will understand the technology behind the Dark Web, and you will use Tor to discover hidden sites and services. You will grasp the business dynamics of Dark Markets, and you will gain insight into Dark Web investigations through real-world incidents. Finally, you will get a thorough grounding in Bitcoin transactions, Bitcoin mining and Bitcoin laundering.

What will you learn?

- Understand the Technology behind the Dark Web
- Use Tor to discover hidden sites and services
- Grasp the business dynamics of Dark Markets
- Gain insight into Dark Web investigations through real-world incidents
- Get a thorough grounding in Bitcoin transactions, Bitcoin mining and Bitcoin laundering.
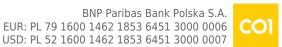
This training is of interest for both technical and non-technical security specialists:

- IT and information security professionals with ambitions to get into Dark Web monitoring will value learning about the foundations of Darkweb, as facilitator of hidden cyber threats facing their organisation.
- Participants from law enforcement, specialized government agencies and financial institutions (police, justice, defense, fiscal authorities and investigators) will benefit from insights on how criminal activities evolve on the hidden part of the web, and will gain insight in crypto currency used for money transactions, money laundering etc.
- For the same reason, this training has also received keen interest from policy makers and government officials in their efforts to develop legislation to combat crime in the digital era.

CONSPECT:

- Introduction to the Dark Web and Dark Markets
  - History of the Dark Web and the Tor project

- - Understanding Dark Markets
    - Finding Deep/Dark Web sites
  - The Onion Router (Tor)
    - Identifiable information
    - Pretty Good Privacy (PGP) and cryptographic principles
    - Onion routing
    - Perfect forwarding secrecy
    - The Tor browser
    - Module 3: Bitcoin, Blockchain, Money Laundering
    - Bitcoin basics
    - Blockchain technology
    - Advanced wallets
    - Bitcoin laundering and mixing services

REQUIREMENTS:

This is an entry-level course. No previous knowledge or experience is required.

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by SECO-Institute, S-DWF (SECO-DWF) Dark Web Foundation Certificate if pass the exam. The exam it is a computer-based exam and take 1 hour and consist of 40 multiple choice questions with pass mark: 60% (60 points out of 100 points).

Each participant in an authorized Dark Web Foundation training will receive a one free attempt to S-DWF exam.

TRAINER:

Certified SECO-Institute trainer.

ADDITIONAL INFORMATION:

1 year free SECO-Membership for participants who pass the exam.