Publication date : 11/14/2024

Course : OSINT (open source investigation), level 2

Practical course - 3d - 21h00 - Ref. OTI
Price : 2410 € E.T.

Today, information gathering is an essential skill for preparing an intrusion test, understanding an environment or a market, gaining a better insight into an economic player or even an individual's profile. This course will show the different investigative techniques used to gather information.

Teaching objectives

At the end of the training, the participant will be able to:

- Develop in-depth OSINT skills by exploring advanced techniques
- Discover powerful tools for data collection and analysis
- In-depth online investigations

Intended audience

Security managers and architects. System and network technicians and administrators, auditors and pentesters.

Prerequisites

Knowledge equivalent to that provided by the course "OSINT, open source investigation" (ref. OST).

Course schedule

1 Advanced data collection techniques

- Ethics and legality in advanced OSINT.
- Web site analysis: in-depth site exploration techniques.
- Gathering information from forums and blogs.
- Exploration of hidden sources: Dark Web, restricted forums, etc.
- Data extraction techniques: advanced Web scraping.
- Gathering information from restricted databases.

Hands-on work

Use of advanced data collection tools.

PARTICIPANTS

Security managers and architects. System and network technicians and administrators, auditors and pentesters.

PREREQUISITES

Knowledge equivalent to that provided by the course "OSINT, open source investigation" (ref. OST).

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

2 Advanced data analysis

- Advanced social media analysis: sentiment, relationship and behavior analysis.
- Exploring data visualization tools for OSINT.
- Network analysis: mapping relationships between entities.
- Explore network mapping and analysis tools.

Hands-on work
In-depth analysis of OSINT data.

3 OSINT operational

- Introduction to operational OSINT: real-time collection, monitoring.
- Planning and execution of an advanced OSINT investigation.
- Use of automated tools for continuous monitoring.
- Practical applications.

Hands-on work
Complete analysis of a real-life situation.

4 OSINT and CTI

- Introduction to the basics of CTI (Cyber Threat Intelligence).
- Nomenclature used in the CTI field.
- Techniques, tactics, procedures and current infrastructures (TTP, ATP, IOC...).
- APT (Advanced Persistent Threat) vs OPSEC (Operational Security).
- Use of tools such as OTX AlienVault, Kaspersky Threat Data Feeds, Shodan, etc.

Hands-on work
Investigation and search for malware-related indicators of compromise (IOCs).

TEACHING AIDS AND TECHNICAL RESOURCES

• The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
• At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
• A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

Dates and locations

REMOTE CLASS
2026 : 8 Apr., 15 June, 30 Sep., 16 Dec.

PARIS LA DÉFENSE
2026 : 1 Apr., 8 June, 23 Sep., 9 Dec.