Training Course on Linux Open-Source Intelligence (OSINT) Investigation

Professional Development Training Course Outline

Category	Information Technology	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In the rapidly evolving landscape of cybersecurity, mastering Open-Source Intelligence (OSINT) is no longer optional—it is essential. The Linux OSINT Investigation Course empowers cybersecurity professionals, ethical hackers, and digital forensics analysts with the practical skills to conduct intelligence gathering using Linux-based tools, command-line scripting, and open-source platforms. Training Course on Linux Open-Source Intelligence (OSINT) Investigation dives deep into threat intelligence, digital footprinting, and real-time data extraction, making it a must-have for any cyber investigator.

As the demand for skilled OSINT analysts continues to rise globally, our hands-on training is designed to enhance technical fluency in network forensics, social media tracking, and dark web investigations using Linux. Whether you're an entry-level analyst or an experienced professional aiming to level up, this course provides a clear, efficient path to becoming an elite OSINT operator.

Programme Curriculum

Training Course on Linux Open-Source Intelligence (OSINT) Investigation

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Course Objectives:

1. Understand the fundamentals of Linux OSINT workflows.
2. Learn to install and configure Kali Linux and Parrot OS for investigations.
3. Master command-line tools for deep information gathering.
4. Use web scraping tools and techniques for open-source data mining.
5. Conduct metadata analysis and EXIF data extraction.
6. Track digital identities using people search engines and social graphing tools.
7. Explore dark web monitoring with Tor and Onion services.
8. Perform domain and IP reconnaissance with Linux tools.
9. Monitor real-time social media and geolocation data.
10. Identify and analyze threat actors and malicious infrastructure.
11. Build a custom OSINT Linux toolkit for scalable investigations.
12. Apply ethical hacking principles in real-life investigative scenarios.
13. Create automated OSINT workflows using shell scripting and Cron jobs.

Target Audience

1. Cybersecurity Analysts
2. Digital Forensics Professionals
3. Ethical Hackers
4. Threat Intelligence Analysts
5. Law Enforcement Officers
6. Private Investigators
7. SOC Team Members
8. Security Researchers

Course Duration:

- 10 days

Course Modules

Module 1: Introduction to OSINT and Linux

- OSINT principles and applications
- Overview of Linux distributions
- Installing Linux for OSINT

- Linux command-line essentials
- Security-focused Linux tools

Module 2: Network & Infrastructure Reconnaissance

- WHOIS and DNS lookups
- IP and domain mapping
- Email tracing techniques
- Passive vs. active footprinting
- Network mapping tools

Module 3: Social Media & Digital Footprint Analysis

- Social media tracking platforms
- Username search techniques
- Facial recognition tools
- Timeline reconstruction
- Public record searches

Module 4: Web Scraping and Data Extraction

- Introduction to scraping basics
- Using Python and Bash for scraping
- Crawling websites legally
- Extracting and storing structured data
- API-based OSINT tools

Module 5: Metadata & File Forensics

- Understanding EXIF and file metadata
- Extracting file properties
- PDF, DOCX, and image analysis
- Metadata removal and verification
- Hashing and file integrity checks

Module 6: Dark Web and Onion Services Exploration

- Setting up Tor on Linux
- Accessing Onion links securely
- Identifying illegal content
- Monitoring hidden marketplaces
- Capturing dark web intelligence

Module 7: Real-Time OSINT and Geo-Tracking

- Geolocation tools and databases
- Monitoring live events and feeds
- Real-time map generation
- Geospatial intelligence (GEOINT)

- Mobile device data tracking

Module 8: Automating OSINT Investigations

- Bash and shell scripting basics
- Automating data collection
- Scheduling tasks with Cron
- Reporting and logging results
- Creating a Linux-based OSINT VM

Training Methodology

- The training combines interactive labs
- virtual machines
- case-based scenarios to provide hands-on experience in real-world OSINT investigations. Participants will use live tools in sandbox environments, access downloadable toolkits, and participate in weekly challenges to reinforce their learning.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com