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Open Source Intelligence (OSINT) Training

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OPEN SOURCE INTELLIGENCE (OSINT)

Internet is a giant collection of information. Extracting relevant information out of it in a timely fashion is important. **Open Source Intelligence** is the art of collecting information which is scattered on public sources and analyzing it to produce actionable intelligence. Unlike traditional methods it utilizes overt channels for information gathering, without much target interaction.

In this interactive training we will deal with techniques which assist in the process of discovery, analysis and reporting for Open Source Intelligence. Utilizing the methods discussed in this training the participants would be able to profile the target, locate resources, measure the weak spots and identify the threats. Relevant topics such as metadata, APIs, advanced search engines, social media platforms will also be discussed. Apart from this, techniques to maintain privacy and accessing deepweb will also be demonstrated. This training is useful for both **offensive** as well as **defensive** players of the Information Security domain.

All the participants will be provided a copy of a virtual environment which contains tools and scripts required during the training.

PARTICIPANTS ATTENDING THIS COURSE WOULD BE ABLE TO:

- Generate actionable intelligence with minimum target interaction.
- Identify action points on the target.
- Maintain anonymity during investigation.

PREREQUISITES:

- Basic knowledge of Internet usage.
- Having basic programming experience would be a plus.

TARGET AUDIENCE:

- Information Security Professionals
- Cyber Investigators

TOPICS COVERED:

- **Data, Information and Intelligence**
 - Basic definitions and examples
- **Introduction to Open Source Intelligence (OSINT)**
 - Definition and real world applications
 - Other types of intelligence
- **Virtual Environment setup**
 - Installation and basic usage
 - Categories and Tools
- **Understanding the target**
 - Target categorization (person, website, network etc.)
 - Identify associated entities
- **Advanced Search techniques**
 - Different search engines
 - Advanced search techniques
- **Social Media Intelligence (SOCMINT)**
 - Advanced social media search
 - Social network monitoring
- **Metadata, APIs, unconventional search engines**
 - Definition, usage and application
- **Monitoring the web**
 - Monitor changes
 - Find previous/deleted versions of webpages
- **Automating data extraction**
 - OSINT automation tools and scripts
 - Tools covered Maltego, recon-ng, etc.
- **Threat Monitoring**
 - Real time threat monitoring
- **Analysis**
 - Analyzing the data collected and generating report
 - Tools covered Casefile, freemind etc.
- **Privacy and Online Anonymity**
 - Hide identity online and maintain privacy
 - Tools covered Tor, I2P etc.
- **Darkweb and Deepweb**
 - The what, why and how of underground web

ABOUT US

Octogence is an Information Security service provider which focuses on business centric security. Our aim is to help organizations to be more secure in the cyber space so that they stop worrying about data breaches and can focus on their business. Our qualified, experienced and motivated team aims at providing our clients the service and quality they expect. We have the expertise as well as the flexibility to provide customized solution depending upon the client requirements.

