



*Training Course:
Certified Threat Intelligence Analyst (CTIA)*

*29 December 2024 - 2 January 2025
Istanbul (Turkey)
DoubleTree by Hilton Istanbul Esentepe*

Training Course: Certified Threat Intelligence Analyst (CTIA)

Training Course code: HE234655 From: 29 December 2024 - 2 January 2025 Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 5775 € Euro

Introduction

Certified Threat Intelligence Analyst (CTIA) is a globally recognized program designed to help organizations mitigate risks by converting unknown threats into actionable intelligence. It offers a structured, specialist-level training built on rigorous Job Task Analysis (JTA). The 5-day program emphasizes hands-on learning with a 60:40 theory-to-practice ratio. Integrated labs use environments like Windows 10 and Kali Linux to teach practical threat intelligence skills. CTIA equips professionals with cutting-edge tools, methodologies, and frameworks to excel in the field.

Course Objectives

- Key issues plaguing the information security world
- Importance of threat intelligence in risk management, SIEM, and incident response
- Types of cyber threats, threat actors and their motives, goals, and objectives of cybersecurity attacks
- Fundamentals of threat intelligence including threat intelligence types, lifecycle, strategy, capabilities, maturity model, frameworks, etc.
- Cyber kill chain methodology, Advanced Persistent Threat (APT) lifecycle, Tactics, Techniques, and Procedures (TTP), Indicators of Compromise (IoCs), and pyramid of pain
- Various steps involved in planning a threat intelligence program Requirements, Planning, Direction, and Review
- Different types of data feed, sources, and data collection methods
- Threat intelligence data collection and acquisition through Open Source Intelligence (OSINT), Human Intelligence (HUMINT), Cyber Counterintelligence (CCI), Indicators of Compromise (IoCs), and malware analysis
- Bulk data collection and management data processing, structuring, normalization, sampling, storing, and visualization
- Different data analysis types and techniques including statistical Data Analysis, Analysis of Competing Hypotheses (ACH), Structured Analysis of Competing Hypotheses (SACH), etc.
- Complete threat analysis process which includes threat modeling, fine-tuning, evaluation, runbook, and

knowledge base creation

- Different data analysis, threat modeling, and threat intelligence tools
- Threat intelligence dissemination and sharing protocol including dissemination preferences, intelligence collaboration, sharing rules and models, TI exchange types and architectures, participating in sharing relationships, standards, and formats for sharing threat intelligence
- Effective creation of threat intelligence reports
- Different threat intelligence sharing platforms acts, and regulations for sharing strategic, tactical, operational, and technical intelligence

Target Audience

- Ethical Hackers
- Threat Intelligence Analysts
- Threat Hunters
- SOC Professionals
- Digital Forensic Analysts
- Malware Analysts
- Incident Response Professionals

Outlines

Day 1

Introduction to Threat Intelligence

- Understanding Intelligence
- Understanding Cyber Threat Intelligence
- Overview of Threat Intelligence Lifecycle and Frameworks

Cyber Threats and Kill Chain Methodology

- Understanding Cyber Threats
- Understanding Advanced Persistent Threats APTs
- Understanding Cyber Kill Chain
- Understanding Indicators of Compromise IoCs

Day 2

Requirements, Planning, Direction, and Review

- Understanding Organization's Current Threat Landscape
- Understanding Requirements Analysis
- Planning Threat Intelligence Program
- Establishing Management Support
- Building a Threat Intelligence Team
- Overview of Threat Intelligence Sharing
- Reviewing Threat Intelligence Program

Day 3

Data Collection and Processing

- Overview of Threat Intelligence Data Collection
- Overview of Threat Intelligence Collection Management
- Overview of Threat Intelligence Feeds and Sources
- Understanding Threat Intelligence Data Collection and Acquisition
- Understanding Bulk Data Collection
- Understanding Data Processing and Exploitation

Day 4

Data Analysis

- Overview of Data Analysis
- Understanding Data Analysis Techniques

- Overview of Threat Analysis
- Understanding Threat Analysis Process
- Overview of Fine-Tuning Threat Analysis
- Understanding Threat Intelligence Evaluation
- Creating Runbooks and Knowledge Base
- Overview of Threat Intelligence Tools

Day 5

Intelligence Reporting and Dissemination

- Overview of Threat Intelligence Reports
- Introduction to Dissemination
- Participating in Sharing Relationships
- Overview of Sharing Threat Intelligence
- Overview of Delivery Mechanisms
- Understanding Threat Intelligence Sharing Platforms
- Overview of Intelligence Sharing Acts and Regulations
- Overview of Threat Intelligence Integration

Registration form on the Training Course: Certified Threat Intelligence Analyst (CTIA)

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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