Certified Threat Intelligence Analyst (CTIA)

Overview

Certified Threat Intelligence Analyst (CTIA) is designed and developed in collaboration with cybersecurity and threat intelligence experts across the globe to help organizations identify and mitigate business risks by converting unknown internal and external threats into known threats. It is a comprehensive, specialist-level program that teaches a structured approach for building effective threat intelligence.

In the ever-changing threat landscape, CTIA is an essential program for those who deal with cyber threats on a daily basis. Organizations today demand a professional-level cybersecurity threat intelligence analyst who can extract the intelligence from data by implementing various advanced strategies. Such professional-level programs can only be achieved when the core of the curricula maps with and is compliant to government and industry published threat intelligence frameworks.

CTIA is a method-driven program that uses a holistic approach, covering concepts from planning the threat intelligence project to building a report to disseminating threat intelligence. These concepts are highly essential while building effective threat intelligence and, when used properly, can secure organizations from future threats or attacks. This program addresses all the stages involved in the Threat Intelligence Life Cycle. This attention to a realistic and futuristic approach makes CTIA one of the most comprehensive threat intelligence certifications on the market today. This program provides the solid, professional knowledge that is required for a career in threat intelligence, and enhances your skills as a Threat Intelligence Analyst, increasing your employability. It is desired by most cybersecurity engineers, analysts, and professions from around the world and is respected by hiring authorities.

Duration

3 Days

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Who Should Attend

- Ethical Hackers
- Security Practitioners, Engineers, Analysts, Specialist, Architects, and Managers
- Threat Intelligence Analysts, Associates, Researchers, Consultants
- Threat Hunters
- SOC Professionals
- Digital Forensic and Malware Analysts
- Incident Response Team Members
- Any mid-level to high-level cybersecurity professionals with a minimum of 2 years of experience.
- Individuals from the information security profession and who want to enrich their skills and knowledge in the field of cyber threat intelligence.
- Individuals interested in preventing cyber threats.

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Course Topics

Module 1	**Introduction to Threat Intelligence** • Understanding Intelligence • Understanding Cyber Threat Intelligence • Overview of Threat Intelligence Lifecycle and Frameworks
Module 2	**Cyber Threats and Kill Chain Methodology** • Understanding Cyber Threats • Understanding Advanced Persistent Threats (APTs) • Understanding Cyber Kill Chain • Understanding Indicators of Compromise (IoCs)
Module 3	**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
Module 4	**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
Module 5	**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

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Module 6	**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