Open source intelligence (OSINT)

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Note sur la responsabilité : Dr. Khera is a distinguished cybersecurity executive with more than 20 years of experience, currently serving as the CEO of CloudSec Asia (CSA) based in Thailand. Throughout his career, he has been at the forefront of developing and implementing cutting-edge cybersecurity solutions. Dr. Khera's expertise spans a wide array of fields within cybersecurity, including threat intelligence, cloud security, and the application of artificial intelligence in enhancing cyber defenses. Under his leadership, CloudSec Asia has emerged as a leader in the cybersecurity industry, known for its innovative approaches to protecting organizations against evolving threats. Dr. Khera's profound knowledge and strategic insights in architecting security operations centers (SOCs) have been instrumental in mitigating cyber risks for high-profile global clients. Prior to founding CSA, Dr. Khera held a key role as head of cybersecurity presales at Nokia, where he collaborated extensively with major telecom providers and

government entities across the Asia Pacific region. He holds a Doctor of Information Technology (DIT) from Murdoch University, a Postgraduate Certificate in Network Computing from Monash University, and a Certificate of Executive Leadership from E-Cornell University. Dr. Khera's contributions to the cybersecurity field have been widely recognized, including his receipt of the prestigious Asia Pacific Information Security Leadership Awards (ISLA) for excellence in IT Security Practitioner leadership. His commitment to advancing cybersecurity practices continues to shape the industry landscape globally. Dr. Anand R. Prasad is a Partner at Deloitte Tohmatsu Cyber. He has also served as Board of Director at Digital Nasional Berhad. Prior to that, among other things, he was Founder & CEO of wenovator, acquired by DTCY, advisor to NTT DOCOMO and CISO, board member of Rakuten Mobile. Anand led the standardization of 5G security as Chairman of 3GPP SA3. He is advisor to several organizations, an innovator with 50+ patents, a recognized keynote speaker and a prolific writer with 6 books and 50+ publications. He is a Fellow of IET & IETE, Editor of Cyber Security Magazine and Editor-in-Chief Journal of ICT Standardization by River Publishers. Suksit Kwanoran is a seasoned expert in the field of cybersecurity and cloud computing, with over 17 years of extensive experience. He currently serves as the Managing Director of SecStrike Co., Ltd., where he leads the development of innovative security solutions and manages a high-performance team providing comprehensive security services. Additionally, he holds the position of Chief Technology Officer (CTO) at CloudSec Asia Co., Ltd., where he has significantly contributed to the company's rapid growth by integrating various technologies and expanding its range of services. Suksit has a strong educational background, holding a Master's degree in Network Engineering and a Bachelor's degree in Electrical Engineering from Mahanakorn University of Technology. His career includes significant roles such as Senior Instructor at Network Training Center and IT Manager at Amata Corporation PCL. He is also a certified professional with numerous credentials including CompTIA CASP, CySA+, Pentest+, Security+, Cisco Certified System Instructor, CEH, ISO 27001 Lead Auditor, CCNA, and AWS Certified Solution Architect

Note sur les bibliographies et les index : Bibliographie en fin de chapitres. Index

Résumé ou extrait : This practical book introduces open-source intelligence (OSINT) and explores how it can be executed in different intelligence scenarios. It covers varying supporting topics, such as online tracking techniques, privacy best practices for OSINT researchers, and practical examples of OSINT investigations. The book also delves into the integration of artificial intelligence (AI) and machine learning (ML) in OSINT, social media intelligence methodologies, and the unique characteristics of the surface web, deep web, and dark web. Open-source intelligence (OSINT) is a powerful tool that leverages publicly available data for security purposes. OSINT derives its value from various sources, including the internet, traditional media, academic publications, corporate papers, and geospatial information. Further topics include an examination of the dark web's uses and potential risks, an introduction to digital forensics and its methods for recovering and analyzing digital evidence, and the crucial role of OSINT in digital forensics investigations. The book concludes by addressing the legal considerations surrounding the use of the information and techniques presented. This book provides a comprehensive understanding of CTI, TI, and OSINT. It sets the stage for the best ways to leverage OSINT to support different intelligence needs to support decision-makers in today's complex IT threat landscape.

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