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   Autore   Sonowal Gunikhan

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                     Mitigating Phishing Attacks / / by Gunikhan Sonowal

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   Nota di contenuto 1: Introduction to Phishing -- 2: Types of Phishing -- 3:
                     Communication Channels -- 4: What Does a Phishing URL Look Like? --
                     5: Characteristics of a Phishing Website -- 6: Phishing Kits -- 7:
                     Training Methods for Phishing Detection -- 8: Legal Solution: Phishing
                     is Prohibited Under a Number of Laws -- 9: Phishing Detection Based
                     on Technology -- Appendix A: Machine Learning Algorithms --
                     Appendix B: Deep Learning Algorithms -- Appendix C: Natural
                     Language Processing (NLP) -- Appendix D: Evaluation Metrics for
                     Phishing Detection Approaches. .

   Sommario/riassunto Mitigate the dangers posed by phishing activities, a common
                     cybercrime carried out through email attacks. This book details tools
                     and techniques to protect against phishing in various communication
                     channels. The aim of phishing is to fraudulently obtain sensitive
                     credentials such as passwords, usernames, or social security numbers
                     by impersonating a trustworthy entity in a digital communication.
                     Phishing attacks have increased exponentially in recent years, and
                     target all categories of web users, leading to huge financial losses to
                     consumers and businesses. According to Verizon's 2020 Data Breach
                     Investigations Report (DBIR), 22% of all breaches in 2019 involved
                     phishing. And 65% of organizations in the USA experience a successful
                     phishing attack. This book discusses the various forms of phishing
                     attacks, the communications most often used to carry out attacks, the
                     devices used in the attacks, and the methods used to protect

individuals and organizations from phishing attacks. What You Will Learn Understand various forms of phishing attacks, including deceptive, DNS-based, search engine, and contents injection phishing Know which communications are most commonly used, including email, SMS, voice, blog, wifi, and more Be familiar with phishing kits (what they are) and how security experts utilize them to improve user awareness Be aware of the techniques that attackers most commonly use to request information Master the best solutions (including educational, legal, technical) to protect against phishing attacks.