IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 4, Issue 2, January 2024

Design Efficient Method for Protecting User from Phishing Spam

Hiralal Ranu Katke

Institute of Distance and Open Learning, Mumbai, Maharashtra, India

Abstract: Phishing is a common method hackers use to attack computer systems. Successful phishing attacks pose a serious threat to the security of electronic records and personal information. This algorithm is used for finding the phishing emails sent by the phisher to grasp the information of the end user. Link Guard Algorithm is totally based on the characteristics of the phishing hyperlinks. Each and every user is implemented with this algorithm. After that the user can recognizes the phishing emails and avoid responding to such mails. This paper presents an overview about phishing attacks and various techniques to protect the information.

Keywords: Cyber Security, phishing, scam, Phishing attacks

REFERENCES

- [1]. Why Phish Should Not Be Treated as Spam by Norman M. Sadeh and Ph.D. http://www.drdobbs.com/security/why-phish- should-notbe-treated-as-spam/240001777, published May 18, 2012
- [2]. Anti Phishing Working Group. Origins of the word "phishing". http://www.antiphishing/org/word_phish.htm l. Accessed: March 10, 2012
- [3]. Computerworld Quick Study: Phishing by Russell Kay, http://www.computerworld.com/s/article/89 096/Phishing Accessed: 27 March 2013
- [4]. Verma, R., Shashidhar, N., & Hossain, N. (2012, September). Detecting phishing emails, the natural language way. In European Symposium on Research in Computer Security (pp. 824-841). Springer, Berlin, Heidelberg.
- [5]. Varshney, G., Misra, M., & Atrey, P. K. (2016). A survey and classification of web phishing detection schemes. Security and Communication Networks, 9(18), 6266-6284.
- [6]. Bergholz, A., De Beer, J., Glahn, S., Moens, M. F., Paak, G., & Strobel, S. (2010). New filtering approaches for phishing email. Journal of computer security, 18(1), 7-35.
- [7]. Andrews, L. W., and Gutkin, T. B. (1991) The effects of human versus computer authorship on consumers' perceptions of psychological reports, Computers in Human Behaviour, 7, 4, 311-317.
- [8]. APWG (2010) "Phishing activity trends report," A.-P.W. Group (ed.).
- [9]. Bart, Y., Shankar, V., Sultan, F., and Urban, G. L. (2005) Are the drivers and role of online trust the same for all web sites and consumers? A large-scale empirical study, Journal of Marketing, 69, 4, 133-152.
- [10]. Beldad, A., de Jong, M., and Steehouder, M. (2010) How shall i trust the faceless and the intangible? A literature review on the antecedents of online trust, Computers in Human Behaviour, 26, 5, 857-869.

DOI: 10.48175/IJARSCT-15238

