IJARSCT



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

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

Volume 3, Issue 16, May 2023

Ethical Hacking: A Solution for Most Dangerous Threat

Asmita A. Jagtap

Lecturer, Department of Information Technology Bharati Vidyapeeth Institute of Technology, Navi Mumbai, India

Abstract: : An ethical hacker is the network specialist and computer, who dive into some security systems seeking responsibility that could be exploited by a malicious hacker. The purpose of ethical hacking can be to deal with the breaches of cyber security with the knowledge of laws and also can be to build an effective cyber security wall against your organization. An ethical hacker can help the people who are suffered by the malicious hacking. Ethical hacker can analyse the vulnerabilities before the attacker may strike. It can help people to recovery the lost information and to perform penetration testing to strengthen computer and the network security. This paper describes about ethical hacking and aspects of ethical hacking.

Keywords: Hacking, Hacker, Ethical Hacking, Security, Ethics

REFERENCES

[1] Is Ethical Hacking Ethical?," Int. J. Eng.Sci.Technol., 2011.

[2] S.-P. Oriyano, "Introduction to Ethical Hacking," in CEHTMv9, 2017.

[3] S. Patil, A. Jangra, M. Bhale, A. Raina, and P. Kulkarni, "Ethical hacking: The need for cyber security," in IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017, 2018, doi: 10.1109/ICPCSI.2017.8391982.

[4] P. Engebretson, "Reconnaissance," in The Basics of Hacking and Penetration Testing, 2011.

[5] R. Baloch, EthicalHacking and Penetration Testing Guide. 2017

