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Ethical Hacking and Its phases

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Abstract: *The state of security on the internet is very poor. Hacking is an activity in which, a person exploits the weakness in a system for self-profit or gratification. As public and private organizations migrate more of their critical functions or applications such as electronic commerce, marketing and database access to the Internet, then criminals have more opportunity and incentive to gain access to sensitive information through the Web application. Thus the need of protecting the systems from the hacking generated by the hackers is to promote the persons who will punch back the illegal attacks on our computer systems. Ethical hacking is an identical activity which aims to find and rectify the weakness and vulnerabilities in a system. Ethical hacking describes the process of hacking a network in an ethical way, therefore with good intentions. This paper describes what is ethical hacking, what are the types of ethical hacking, impact of Hacking on Businesses and Governments. This paper studied the different types of hacking with its phases.*

Keywords: Artificial in Vulnerabilities, Hacker, Cracker, Port and Intrusion

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