

Ethical Hacking-A Challenge to Computer Security

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Abstract

Ethical hacking is one of the most challenging areas in the field of computer security. With widespread use of computers especially in rural areas hacking is one of the most serious obstacles which can give a setback to any business or venture. The legal aspect related to Ethical Hacking has to be comprehensive and its implementation has to be effective.

Hacking is a method of exploiting vulnerabilities and hackers are the people who gain unauthorized access to system. The bad effects of hacking are loss of critical data, breach of privacy and confidentiality of an organization. When adopting new technologies enterprises face imminent security threats and must adjust their policies accordingly. There are different ways to provide security like digital certificates, digital signature, access level control, active X control etc. The ethical hacking provides checking of the system for hacker by hackers.