

# Ethical Hacking Technique with Penetration Testing for Security

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**Abstract:** *Hacking is an action where an individual endeavours the shortcoming in a framework for self-benefit or satisfaction. Moral hacking is an indistinguishable movement which means to find and correct the shortcomings in a framework. In the developing period of web PC security is of most extreme worry for the associations what's more, government. These associations are involving Internet in their wide assortment of uses, for example, electronic business, showcasing and data set admittance. In any case, at the equivalent time, information and organization security is a difficult issue that needs to be discussed. This paper endeavours to talk about the outline of hacking and how moral hacking upsets the security. Moreover the Ethical Hackers and Malicious Hackers are unique in relation to one another and assuming their significant parts in security. This paper concentrated on the various kinds of hacking with its stages. The hacking can likewise be classified for the most part in three classifications, for example, white cap, dark cap and dim cap hacking. This paper likewise presents an examination of the hacking classifications with various strategies for Penetration testing.[3].*

**Keywords:** Cyber-attack, Penetration Testing, Exploit, Ethical Hacking, Kali Linux

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