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IT262 Certified Ethical Hacking I

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Step 2: Ethical hacking is when you try to access data, application, or information of a computer system that you are not authorized to access but given permission to attempt to access. It is only ethical though if you follow the cyber laws and rules. This process is used to test the security defenses, which helps against hackers trying to breach the system. This process helps fins out the vulnerable spots in the systems network where hacker get by and able to breach. Ethical hacking also helps with potential threats, which is great for blocking future malicious intents.

There are different types of ethical hacking like Web Application, System, Webserver, Hacking Wireless networks, and Social Engineering. Web Application hacking exploits software over HTTP. System hacking is “Password busting, privilege escalation, malicious software construction, and packet sniffing.” ("What is Ethical Hacking? - Types, Meaning of Ethical Hacking", 2022). Web Server hacking gives you web information, doing this hacker use techniques like Gluing, port scan, and sniffing attacks. Hacking Wireless networks often using network snorting hackers can discover the identifier and bodge of a network. Social Engineering is “The art of manipulation the masses so that they divulge sensitive information” ("What is Ethical Hacking? - Types, Meaning of Ethical Hacking", 2022).

Ethical hacking is very important. Ethical hacking can test password strengths, and can also ensure that the security setting is secure by testing the exploits. It is also important because it makes sure that data communication channels are not and can not be intercepted. Ethical Hacking can prevent data and information from being stolen or even used by unknown hackers. Fixing the weak points in the computer system will stop hackers and malicious attackers from breaching the network.

References

What is Ethical Hacking? - Types, Meaning of Ethical Hacking. (2022). Retrieved 8 August 2022, from https://intellipaat.com/blog/what-is-ethical-hacking/#no2