

WHITE HAT HACKER



White Hat Hacker is a computer security specialist who breaks into protected systems and networks to test and asses their security. White hat hackers use their skills to improve security by exposing vulnerabilities before malicious hackers (known as black hat hackers) can detect and exploit them. Although the methods used are similar, if not identical, to those employed by malicious hackers, white hat hackers have permission to employ them against the organization that has hired them. [International Journal of Scientific & Engineering Research, Volume 10, Issue 5, May-2019 ISSN 2229-5518]

STEP 01

KNOWING THE DIFFERENCE

White-hat hackers are often referred to as ethical hackers. This individual specializes in ethical hacking tools, techniques, and methodologies to secure an organization's information systems.

STEP 02

WHAT IT NEEDS TO BE A WHITE HAT HACKER?

White hat hacking involves a great deal of problem solving, as well as communication skills. A white hat hacker also requires a balance of intelligence and common sense, strong technical and organizational skills, impeccable judgement and the ability to remain cool under pressure.

ALL THE STEPS

PROBLEMS FACED BY WHITE HAT HACKERS

The word "hacker" does not bring the best of thoughts to most people's minds. The popular definition of a hacker is someone who intentionally breaks into systems or networks to illegally procure information or infuse chaos into a network for the express purpose of control.

WHY BE A WHITE HAT HACKER?

White hat hackers have been stealing the tech spotlight, praised for protecting everything from valuable Instagram-influencer accounts to detecting cyber weaknesses at multi-million-dollar companies.

STEP 04

STEP 03

Types of hackers



BLACK HAT
Malicious hacker



WHITE HAT
Ethical hacker



GREY HAT
Not malicious, but not always ethical



GREEN HAT
New, unskilled hacker



BLUE HAT
Vengeful hacker



RED HAT
Vigilante hacker

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