

Cybercrime: The Hacker Subculture

Online Paper Presentation



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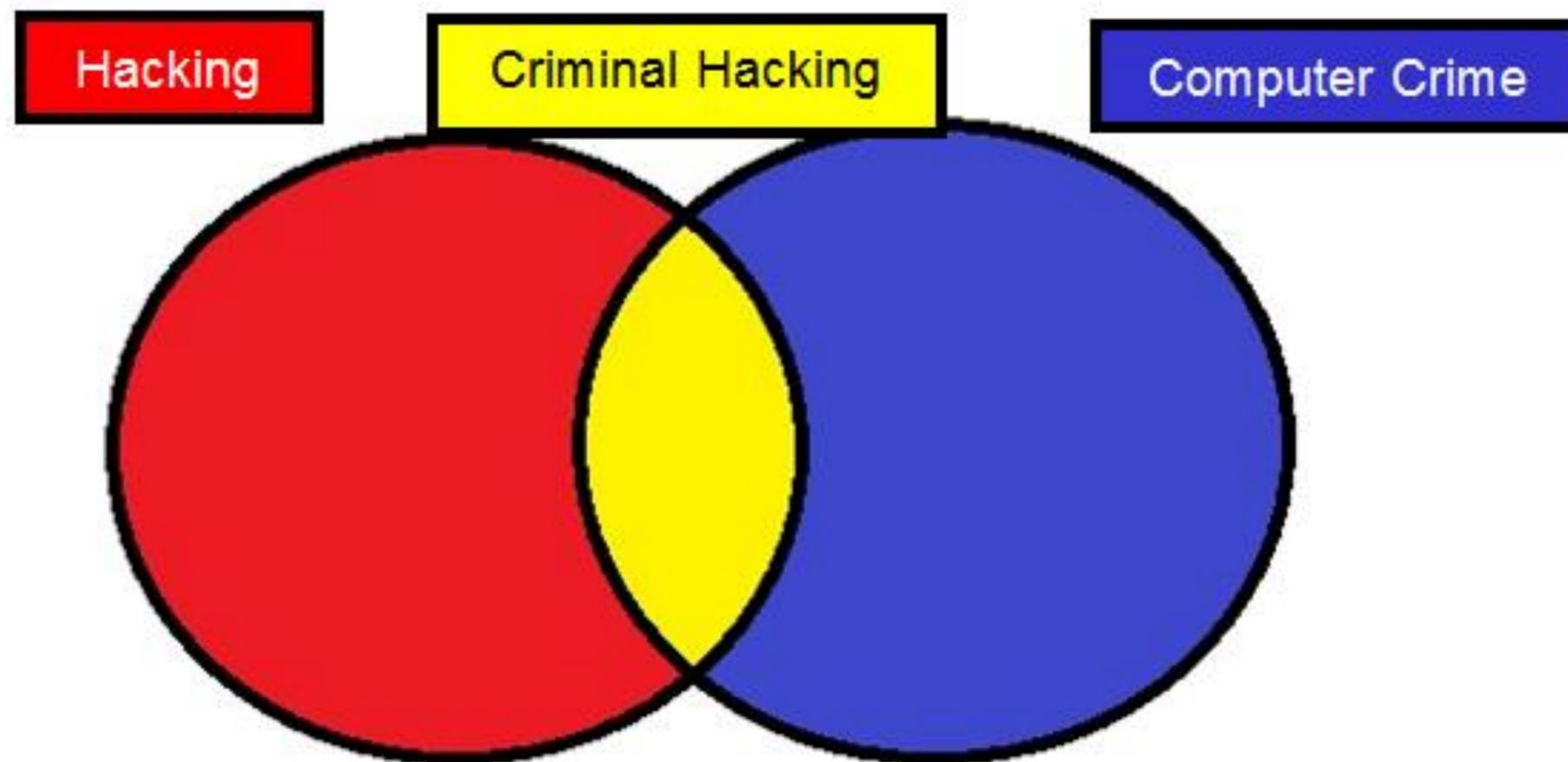
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Overview

- This study is a part of the ongoing research for my dissertation *“Digital Forensics: Cybercrime analysis and cyberforensics assessment to enforce Information Security”*
- The paper includes history, hacker profiles, type of hackers, famous hackers, hacktivism and phases of a hacking attack
- The main agents in cybercrime activities are hackers.
- The Hacker subculture is a global convoluted community that encircles multiple motivations, idealism and skill set. When analyzing digital crime can be possible to understand the hacking types and their behaviour motivation; thus predict future cybercrime activities.

Hacker profiles/types

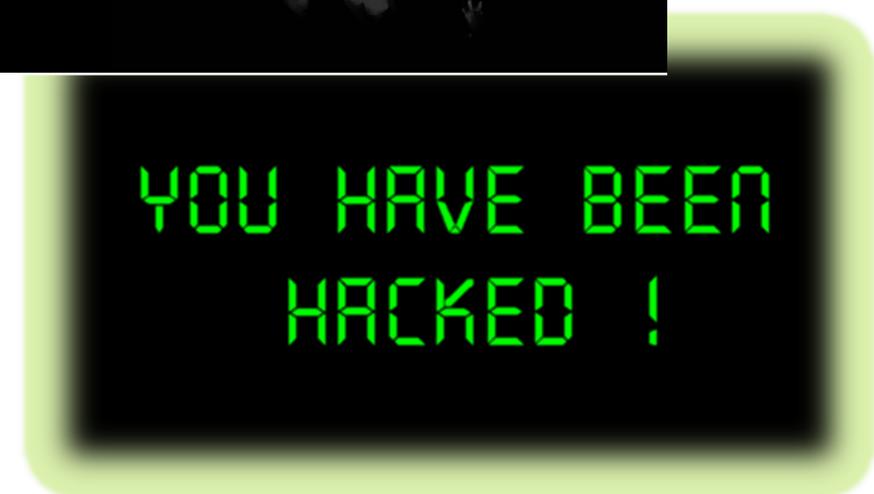
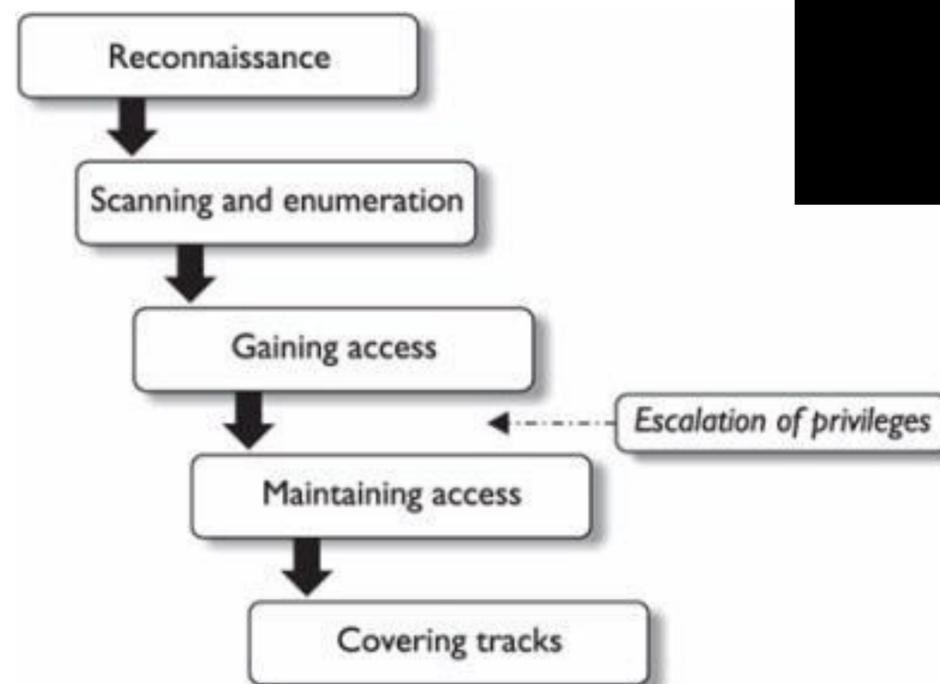
- The *Jargon File* (2004) is a computer programmer slang document that describes the hacker subculture and the hacker lifestyle. *Appendix B. A Portrait of J. Random Hacker* highlights likes and dislikes of the hacker community members.



Source: Taylor et al. (2011)

More about the Hacker subculture

- Famous hackers
- Hacktivism
- Hacking phases



Source: www.esoln.net

Conclusion

One of the best methods to understand the hacker mentality is to examine research based on the social psychology theory. This utilizes a broad range of specific theories for several social and cognitive phenomena. In addition, other fields apply psychological profiling to figure out common crimes. Further research is required to study the implications connecting psychological theory with cybercriminality – this can include some dominant factors like social learning in their hacking groups and justification of outlawed activity.

The novice hackers make up the largest segment of the hacker population, hackers in this group are sometimes are ‘script kiddies’ due to the fact that they mostly rely on computer scripts developed by more knowledgeable hackers to execute their attacks. Intermediate hackers have a better understanding of what they are doing when perpetrating computer attacks. And Elite hackers are capable of penetrating most systems and take advantage of computer exploits.

In terms of hacker categories and classes, our research concludes that there is not a globally accepted categorization of hacker groups nor classes.

Questions

