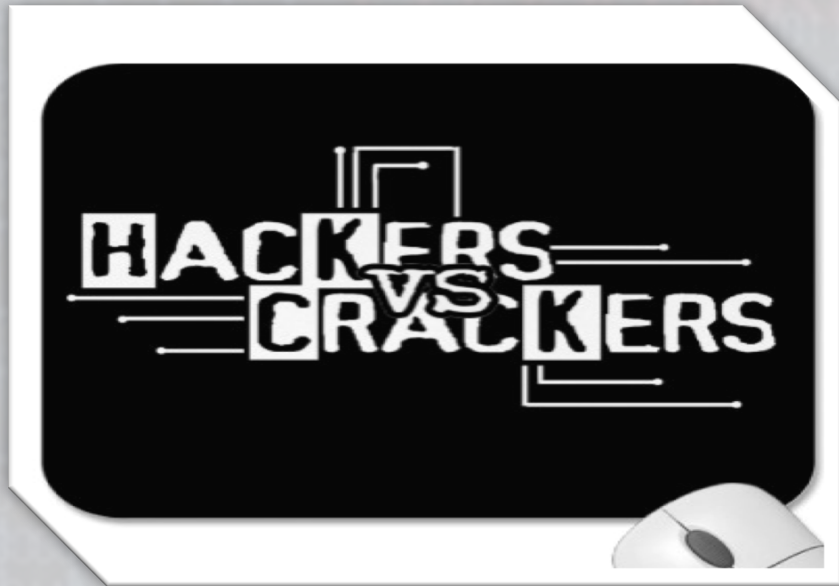




Hackers, Crackers, & Attackers

(...Oh My!)

Hackers



- Originally a computer enthusiasts
 - Didn't necessarily mean the person had malicious intent, but due to popular media and new outlets that has changed

Ethical hacker is a term to distinguish the “good guys” from the “bad guys”

Crackers

- Short for “Criminal hackers”
- Illegally hack into computer software or system without permission



The Hats Hackers Wear...

White Hat

- Help secure an organization's systems
- Believe you must "think like an attacker to beat the hackers"
- Hack networks with permission



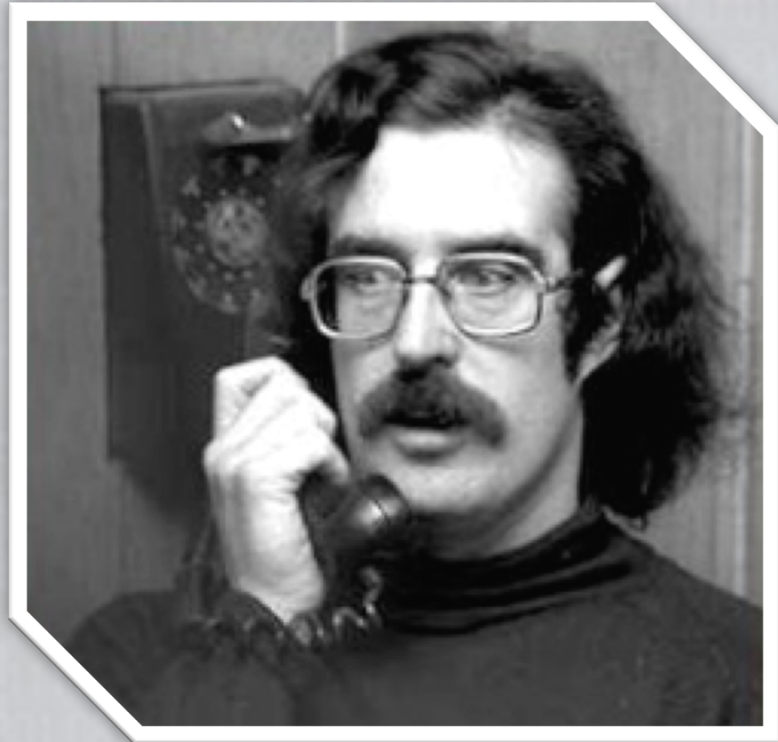
Black Hat

- Perform illegal activities
- Hack into networks without permission

Gray Hat:

- Work on either white or black sides
- Bug finders who post in open press before notifying companies may fit this category

Attackers (Phreakers)



John Draper (CAP'N CRUNCH)



- Focused on telephone and PBX systems

Attackers

Software Crackers/Hackers

- Experts in reverse engineering to break license and registration keys

System Crackers/Hackers

- Specific expertise in a operating/network system
- Create botnets, Trojans, viruses, malware



Attackers

Suicide Hackers

- Carry out attacks even though they will most likely get caught or arrested

Insider Threat/Disgruntled Employees

- Authorized user to the networks
- Makes them extremely dangerous
- May be a skilled or unskilled



Script Kiddies



Script Kiddies

- Low-skilled attackers
- Use freely available vulnerability assessment and hacking tools
- May not understand what they are doing

Cyberterrorists/Cybercriminals/Hactivists



- Conduct activities against governments, corporations, or individuals
- Can be an individual or member of a group

Ethical Hacker (aka the “Good Guys”)

- Hired by an organization to perform security tests
- Help secure the organization's systems and network
- Performs hacking activities without malicious intent and with permission





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