Seminar 5 preparation: Cybercrime and Criminological Theories

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General Theory of Crime

- Question: "What causes people to actually conform to the rules?" (Holt et al., 2022)
- Crime is a function of our basic human nature
- (Self) control factors separates criminals from noncriminals:
- Internal factors: states, traits, knowledge
- External factors: law, society, school, institutions and groups
- Behavioural characteristics lead to criminal action:
- Impulsive
- Insensitive
- Little consideration to the future
- Lack of forethought and behavioural characteristic lead to failure to achieve life goals (education, relationships, professional success)
- Criticism:
- Cybercrime need knowledge and skills → difficult to obtain
- Hacker have higher level of self-control and strong commitment to mastery of technology

Social Learning Theory

- > Criminal behaviour is learned in communication process (Sutherland, 1947)
- Subculture and peer groups
- Learning and adopting:
- Crime committing techniques
- Motives
- Rationalizations
- Attitudes
- Criticism:
- Lack of testability
- Lack of specificity of criminal behaviour learning process

Mirai malware

Give this article

- Malware that turns networked Linux devices into remotely controlled bots
- Used in some of the largest DDoS attacks in 2016 (Kerbs, 2016)
- Affected websites:
- Twitter
- Netflix
- Spotify
- Airbnb
- New York Times
- All affected websites used Dyn as server provider

The New York Times

Hackers Used New Weapons to Disrupt Major Websites Across U.S.



A map of the areas experiencing problems, as of Friday afternoon, according to downdetector.com.

Mirai malware

- > The software was initially used by the creators to DDoS Minecraft servers and companies offering DDoS protection to Minecraft servers (Graff, 2017)
- Creator published the malware code after realization the impact of the committed crime

Social Learning Theory	General Theory of Crime
Subculture	Crime as a function of human nature
Crime committing Techniques	Behavioural characteristics
Motives	Trade-off between cost and benefits
Correlates with first section of the crime	Correlates with second section of the crime

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