201076C6206C6974746C6 3100A16C20Data Breach 2202E6F6163686573204C697 01Cyber Attack696ELL 106564207368 DEEEL C6E2074686522

Cyber War: A Checklist

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Definition

Arquilla asserts that cyberwar refers to conducting, and preparing to conduct, military operations according to information-related principles.

This translates to the usage of computer technology that disrupts or destroys the operations of a state, governing body, or official company -- but directs a particular emphasis regarding attacks on systems that have military or strategic purposes.

Arquilla, John and David Ronfeldt, Cyberwar is Coming!. Santa Monica, CA: RAND Corporation, 1993.

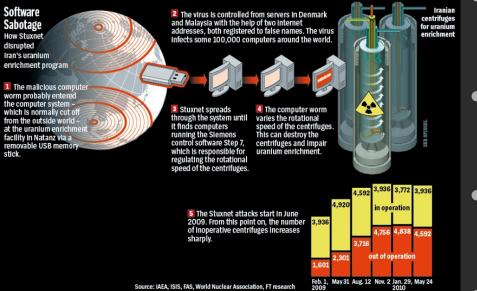


Checklist for a Cyber Attack

- Political Intent
 - Actor has vested interest in attacking target either to send a message or gain intelligence.
- Intent to Harm
 - In real or technical terms, bringing down a system to create problems
- Measurable Effect
- Definite Perpetrator (not an accidental error)
 - Malware, not bad code
 - Response Target



Stuxnet Case



- What: Malicious Computer Virus Targeting Iran's Nuclear Program
 Political Intent: United States had
 - Political Intent: United States had significant interest in preventing progress in Iran's nuclear program
- Intent to Harm: Computer virus directly manipulated systems to create physical harm to nuclear Centrifuges
- Measurable effects: Iran cannot enrich uranium if they do not have functional centrifuges
- Definite Perpetrator: Stuxnet code placed purposefully to harm specific centrifuges

Sony Case

- What: Hacker group named "Guardians of Peace" (GOP) leaks confidential data on Sony Perpetrators.
- Political Intent: North Korean diplomatic official says that movie is an act of war.
- Intent to harm: GOP demands that Sony pull their film, or else. Referenced threats to 9/11.
- Measurable Effect: Movie sales plummeted, digital distribution changed.
- Definitive Perpetrator: Malware is sent by hackers that erases Sony's computer infrastructure.

Hacked By #GOP

Warning :

We've already warned you, and this is just'a beginning. We continue till our request be met.

We've obtained all your internal data including your secrets and top secre if you don't obey us, we'll release data shown below to the world. Determine what will you do till November the 24th, 11:00 PM(GMT). Data Link :



https://www.sonypicturesstockfootage.com/SPEData.zip http://dmiplaewh36.spe.sony.com/SPEData.zip http://www.ntcnt.ru/SPEData.zip

http://www.thammasatpress.com/SPEData.zip

http://moodle.universidadebematech.com.br/SPEData.zip