WEBINAR

The threat of cyber-attacks

Hosted by Diplo fellow
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Contents

**Attacks:** Botnets, DDoS, IP Address Spoofing, Amplification

**Challenges:** attribution, distinction and “dual-use” technology, proportionality,
Attacks
Spamhaus case

Source: www.techtricksworld.com
Botnets

Source: www.lesucettes.com
Botnets

Source: F-Secure
The Crimeware Economy

Crackers → Bot Herders → Fraudsters
- Crackers provide vulnerabilities & techniques
- Bot Herders access computer power and data
- Fraudsters use these to steal
  - IP theft
  - Customer IDs
  - Employee IDs
Spamhaus case

DDoS

botnets

Computers controlled by attackers

Open resolvers

Spamhaus

Source: www.techtricksworld.com
Anycast
Peering

Source: Bix.bh
Connectivity

Source: RIPE
IXPs

Source: PCH
Challenges

Cyber-war Challenges:

- Attribution
- Distinction and “dual-use” technology
- Proportionality
Politics
Questions

Thank you for your time
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