Chapter 11
Motivation of Adversaries

- **Module Security Essentials "What You Need to Know"**

"Why did you do that to me? And yet have I any right to complain?"

Friedrich Hebbel, "Maria Magdalena" (Theater Play,1844)

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Chapter 11
Motivation of Adversaries

- Agenda
  - Hackers
  - H4x0rS
  - Hacktivists
  - Ethical Hacking

Hackers

- **Find Out How Things Work**
  In General not the "Bad Guys"

"To find what holds the world together in its essence"

Goethes "Faust"
(Theater Play, 1808)

Beginning in the 70s

- Phreaking
  - Playing with telephone systems
  - Exploiting signalling
  - John Draper (Capn'n Crunch) first to jail
  - No damage intended

In the 00s a big movement

- Hacking extended to
  - Social hacking
  - Urban hacking
  - Food hacking...
- Little Risk
- Little Impact

H4x0rS

- “Script kiddies”

  Playground Internet

  Just for the Fun of It
  Don't be too Afraid

New Phenomenon

- Cheaper hardware:
  - More youngsters using computers
- Internet very Prominent
  - Easy access to software
  - Simple and “anonymous” communication
  - Spreading of software
- Higher risk, smaller impact
  - No ethics
  - Little skills

Hacktivists

- **Here We Come with Zeal**

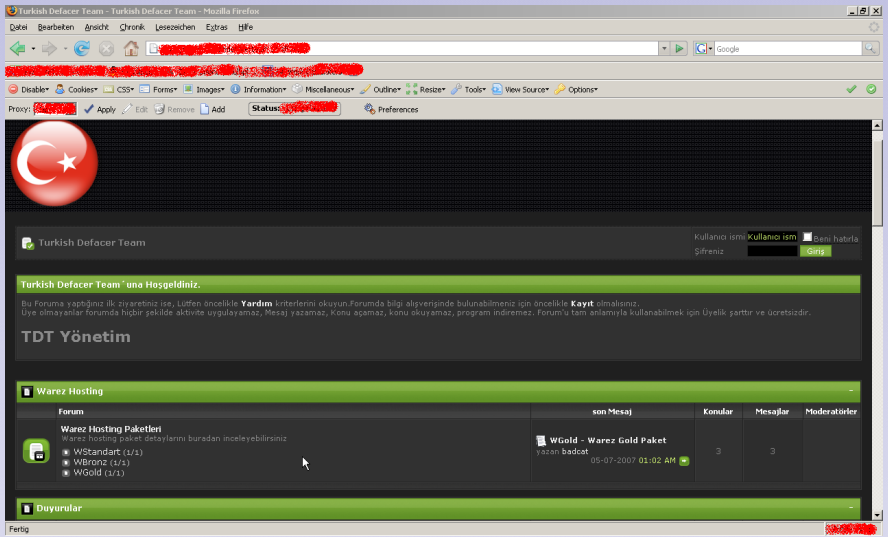
  Political

  Religious

  Be Aware!

Lately especially religious

- E.g. Turkish defacers



Ethical Hacking

- A new professional approach

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Professional Hacking

- Penetration tests
- Verification of integrity
- Responsible reporting
- No risk, no impact

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Motivation of Adversaries

- Summary
  - Hackers do it for Curiosity
    - No Harm Intended
  - H4x0rS Just Play Around
    - Low Risk, Annoying
  - Hacktivists Have a Mission
    - Zealous, Fanatic
    - High Risk Potential
  - Ethical Hacking is a Mixed Blessing

Thank You

- Questions?

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  "What You Need to Know"

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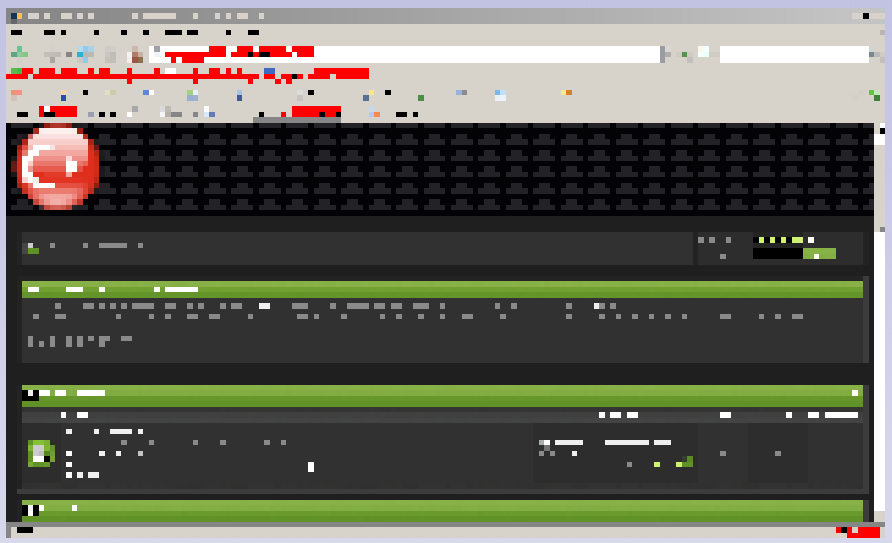

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