Information Security Overview

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"If you know the enemy and know yourself, you need not fear the result of a hundred battles. If you know yourself but not the enemy, for every victory gained you will also suffer a defeat. If you know neither the enemy nor yourself, you will succumb in every battle

— Sun Tzu, The Art of War

Time to Start "Thinking" like a Hacker

- Hacking vs. Ethical Hacking
- Fundamentals of Information Security
- Terminology
- The Technology Triangle

Hacking vs. Ethical Hacking

"Ethical Hacking" really?

Define hacking

Internet crimes

Intellectual property

Fundamentals of Information Security

Authenticity

Integrity

Availability

Confidentiality

Non-repudiation
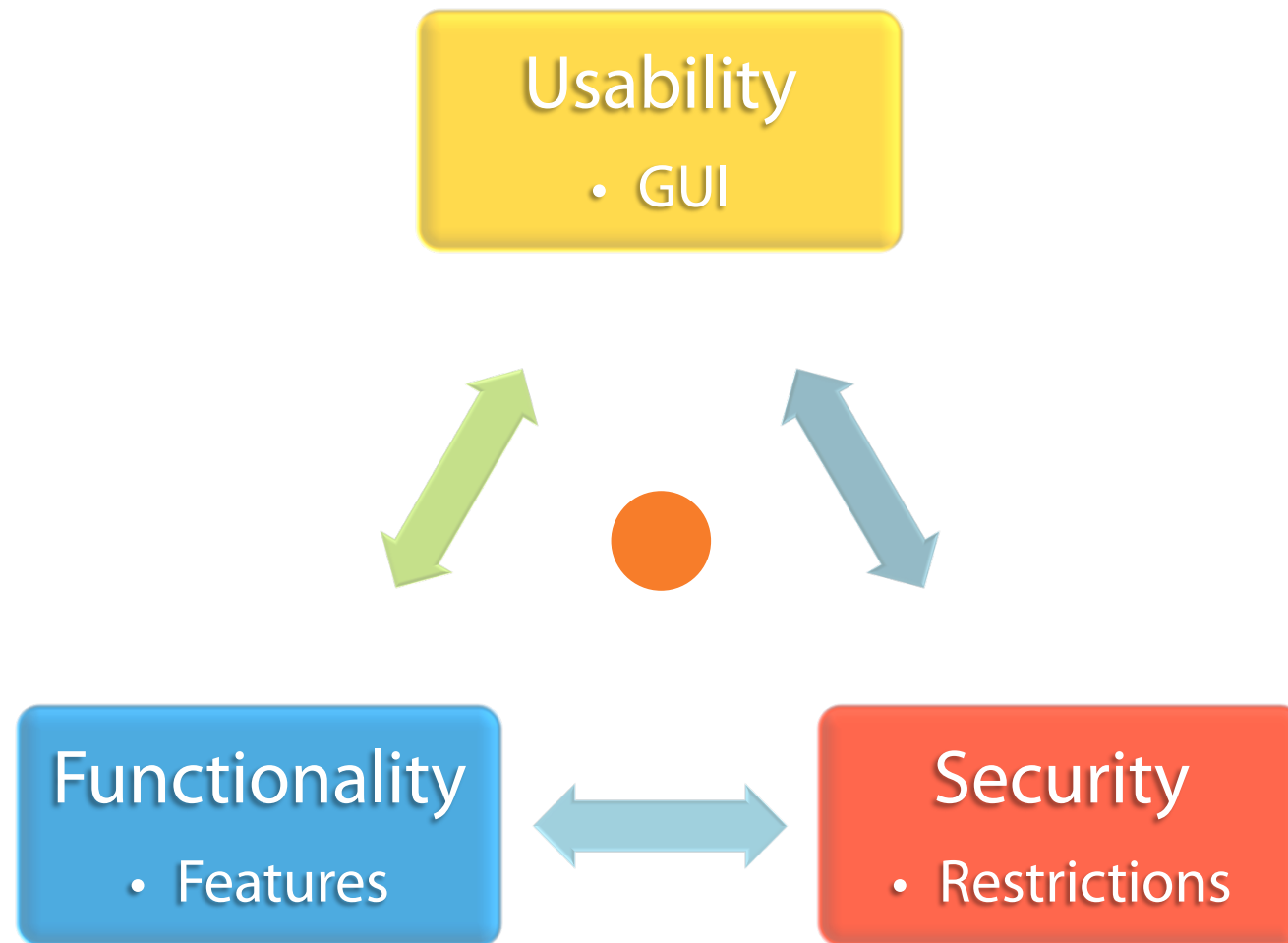
Speak like a Hacker

Exploit

Hack value

Vulnerability

Target of Evaluation

Zero-day Attack

Daisy-chaining

Summary

- Hacking vs. Ethical Hacking

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- Terminology

- The Technology Triangle