

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

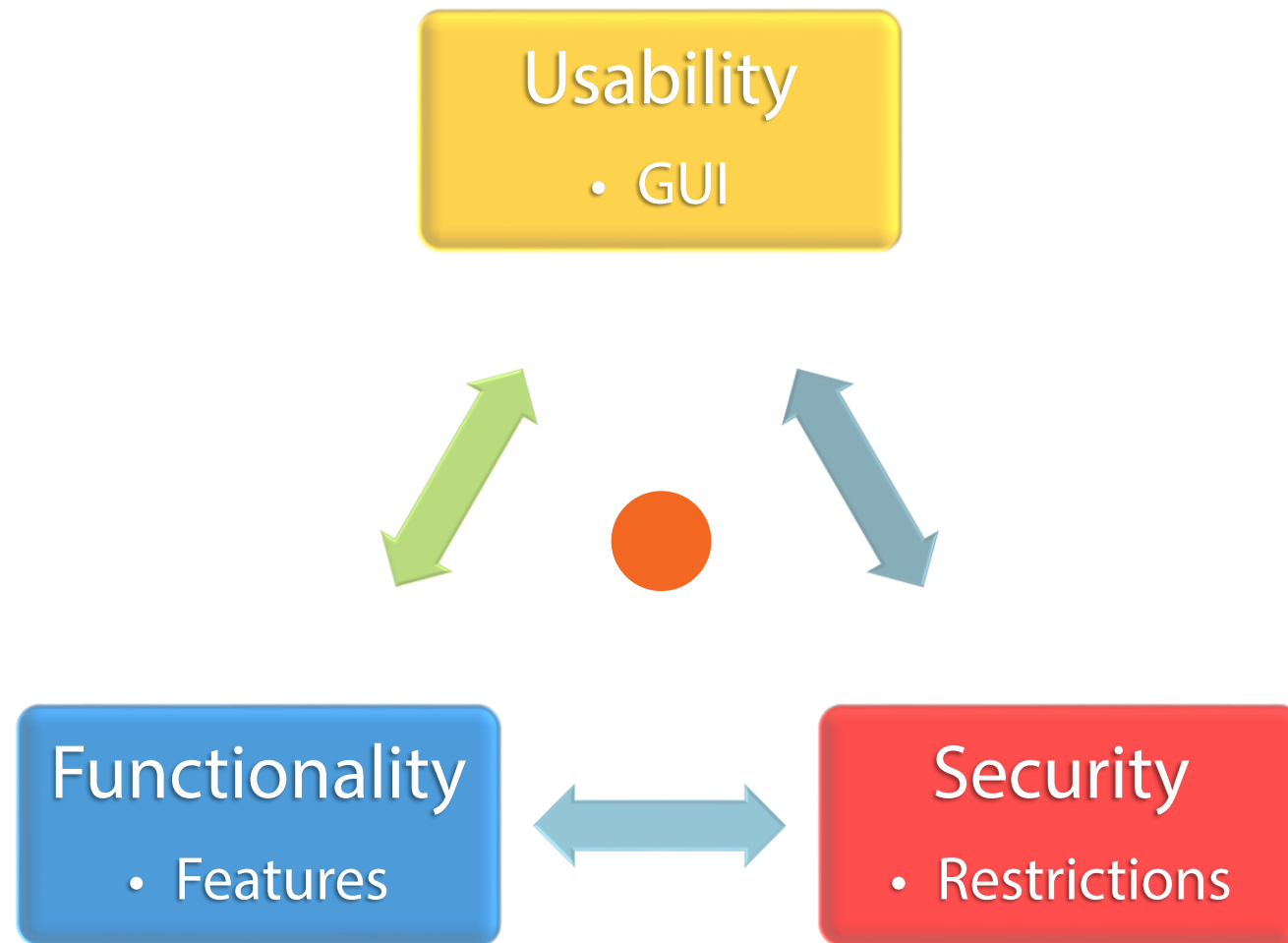
Vulnerability

Target of Evaluation

Zero-day Attack

Daisy-chaining

The Technology Triangle



Summary



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