

Outline for October 6, 2006

Reading: §13

1. Greetings and felicitations!
 - a. Puzzle of the day
2. Common Implementation Vulnerabilities
 - a. Race conditions (*xterm* flaw, signals)
 - b. Environment variables (*vi* one-upsmanship)
 - c. Not resetting privileges (Purdue Games incident)
3. Principles of Secure Design
 - a. Principle of Least Privilege
 - b. Principle of Fail-Safe Defaults
 - c. Principle of Economy of Mechanism