

Lecture 27 Outline

June 4, 2018

Reading: §23

Assignments: Lab 4, due on June 6, 2018 at 11:59pm
Homework 5, due on June 7, 2018 at 11:59pm

1. Computer worm
2. Bots and botnets
3. Rabbit, bacterium
4. Logic bomb
5. Adware
6. Spyware
7. Ransomware
8. Phishing, spearphishing
9. Defenses
 - a. Scanning
 - b. Distinguishing between data and instructions
 - c. Information flow metrics
 - d. Reducing rights
 - e. Specifications as restrictions
 - f. Limiting sharing
 - g. Proof-carrying code
 - h. Statistical analysis