

Lecture 23: November 18, 2019

Reading: *text*, §17, 23

Assignments: Homework 4, due November 25, 2019
Lab 3, due on December 6, 2019 at 11:59pm

1. Greetings and felicitations!
2. Puzzle of the Day
3. Firewalls
 - (a) Why use them?
 - (b) Packet-level or filtering firewalls
 - (c) Application layer or proxy firewalls
4. Network organization
 - (a) Inside/outside
 - (b) Inside/DMZ/outside
 - (c) How email and web services (and others) are handled
5. Denial of service attacks
 - (a) SYN cookies
 - (b) Adaptive time-out
6. Malware, malicious logic
7. Trojan horse
 - (a) Rootkits
 - (b) Propagating Trojan horses