March 8, 2024 Outline

Reading: text, §18.1–18.3
Assignments: Homework #5, due March 15; Extra Credit #F, due March 15

Module 51 (Reading: Isolation)
1. Isolation: virtual machines
2. Isolation: non-virtual containers
   (a) Library operating systems
   (b) Sandboxes
3. Isolation: program modification
   (a) Software fault isolation
   (b) Compiling
   (c) Loading

Module 52 (Reading: Covert Channels)
4. Covert channels
   (a) Storage vs. timing
   (b) Noise vs. noiseless
   (c) Existence
   (d) Bandwidth