Outline for October 30, 2023

Reading: text, §16.3–16.4, 18.1–18.2, 24.3–24.4.1

Assignments: Homework 3, due November 6; Background Research, due November 3 (note extension)

1. Types and locks
2. Secret sharing
3. Reference monitor
4. Confinement problem
   (a) Total isolation
   (b) Isolation
5. Virtual machines
   (a) Type 1 and type 2 hypervisors
6. Sandboxes
7. Covert channels
   (a) Storage channels
   (b) Timing channels