

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