

May 14, 2025 Outline **Revision 1**

Revision 1, May 14, 2025: The due date has been changed to May 16, 2025.

Reading: *text*, §18.1–18.2

Due: Homework #3, due May 16 (**Note the change in due date**); Project report, due June 6 at 3:00pm

Module 50 (Reading: *text*, §18.1)

1. Confinement problem
 - (a) What it is
 - (b) Covert channels
 - (c) Rule of transitive confinement
 - (d) Difficulty of preventing leaking

Module 51 (Reading: *text*, §18.2)

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