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