

Lecture 29 Outline

November 30, 2016

Reading: §17

Assignments: Homework 5, due Dec. 2

1. General notes
 - a. Homework 5, question 2 has been corrected. Do *not* do the earlier version!
 - b. Lab 4 has been graded and returned (on Canvas). Please resubmit any changes by 11:59pm December 2 (on Friday). You can recover up to 80% of the points you lost for correctness and style.
2. Confinement Problem
 - a. What it is
 - b. Rule of transitive confinement
3. Isolation
 - a. Total isolation and covert channels
 - b. Virtual machines
 - c. Sandboxes
4. Covert channels
 - a. Storage channels vs. timing channels
 - b. Shared Resource Matrix Model
5. Side channels