Outline for September 28, 2022

**Reading:** text, §4.4, 5.2–5.2.2, 5.3, A

**Assignments:** Homework 1, due October 5; Project selection, due Oct 7

1. Types of Access Control
   (a) Discretionary Access Control (DAC)
   (b) Mandatory Access Control (MAC)
   (c) Originator Controlled Access Control (ORCON)

2. Lattices

3. Full Bell-LaPadula Model
   (a) Add in compartments
   (b) dom relation
   (c) BLP as lattice structure
   (d) Simple security property
   (e) *-Property
   (f) Discretionary security property
   (g) Basic Security Theorem

4. Range of levels

5. Example: Trusted Solaris