

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