

Outline for October 2, 2024

Reading: *text*, §5.2–5.2.2, 5.3, A

Due: Homework 1, due October 9; Project selection, due Oct 9

1. Lattices
2. 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
3. Range of levels
4. Example: Trusted Solaris
5. Tranquility
 - (a) Declassification problem
 - (b) Strong tranquility
 - (c) Weak tranquility
6. Declassification