

Outline for February 1, 2002

Reading: §4.5, §5.1–5.3 (not including §5.2.3, 5.3.1)

1. Greetings and Felicitations!
2. Puzzle of the day
3. High-Level Policy Languages
 - a. Characterization
 - b. Example: DTEL
4. Goals of Confidentiality Policies
5. Bell-LaPadula Model with Levels Only
 - a. Security Levels
 - b. Simple Security Property
 - c. *-Property
 - d. Basic Security Theorem
6. Bell-LaPadula Model
 - a. Compartments
 - b. BLP as lattice structure
 - c. Simple Security Property
 - d. *-Property
 - e. Basic Security Theorem
7. DG/UX B2 UNIX System
 - a. Hierarchy of levels
 - b. Labels, explicit and implicit
 - c. MAC tuples