

Lecture 7: October 9, 2019

Reading: *text*, §4.5–4.6, G, 5.1–5.2.1, A

Assignments: Homework 1, due October 9, 2019
Lab 1, due October 18, 2019

1. Greetings and felicitations!
2. Puzzle of the Day
3. High-level policy languages
 - (a) Characterization
 - (b) Example: Ponder
4. Low-level policy languages
 - (a) Characterization
 - (b) Example: tripwire configuration file
5. Example policies
 - (a) UC Davis Allowable Use Policy
 - i. Rights and responsibilities
 - ii. Privacy
 - iii. Enforcement
 - iv. Unacceptable conduct
 - (b) University Electronic Communications policy
 - i. General provisions
 - ii. Allowable use
 - iii. Privacy and confidentiality
 - iv. Security
 - v. Retention and disposition
 - (c) User advisories
 - (d) UC Davis implementation
6. Goals of confidentiality policies
7. Bell-LaPadula Model with levels only
 - (a) Security levels
 - (b) Simple security property