Lecture 10 Outline
October 12, 2016

Reading: text, §5.1*–5.2.2*, 5.3*–5.4*, Assignments: Homework 2, due Oct. 21; Lab 2, due Oct. 21

1. Greetings and felicitations!
2. Puzzle of the Day
3. Goals of confidentiality policies
4. Bell-LaPadula Model with levels only
   a. Security levels
   b. Simple security property
   c. *-property
   d. Discretionary security property
5. 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
6. Range of levels
7. Basic Security Theorem
8. Example: Trusted Solaris
9. Tranquility
   a. Declassification problem
   b. Strong tranquility
   c. Weak tranquility