

Lecture 14 Outline

Reading: *text*, §7.3, 7.4, 8.1

1. ORCON
 - a. Originator controls distribution
 - b. DAC, MAC inadequate
 - c. Solution is combination
2. Role-based Access Control (RBAC)
 - a. Definition of role
 - b. Partitioning as job function
 - c. Containment
3. Problem with instantiation of Bell-LaPadula Model
 - a. Covert channel example: what is writing?
 - b. Composition of lattices
 - c. Principles of autonomy and security
4. Deterministic noninterference
 - a. Model of system
 - b. Example
 - c. Relationship of output to states
 - d. Projections and purge functions