

Outline for February 15, 2012

Reading: §7.4, [WB04], 8.1

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