

Outline for September 27, 2021

Reading: *text*, §4.3–4.4, 2.1–2.2, 5.1

Assignments: Homework 1, due October 6; Project selection, due Oct 8

1. Policy
 - (a) Mechanism vs. policy
2. Types of Policies
 - (a) Military/government vs. confidentiality
 - (b) Commercial vs. integrity
3. Types of Access Control
 - (a) Mandatory access control
 - (b) Discretionary access control
 - (c) Originator-controlled access control
4. Access Control Matrix
 - (a) Commands and conditions: *create•file*, various flavors of *grant•right* to show conditions and nested commands
 - (b) Copy flag, own rights
 - (c) Principle of attenuation of privilege
5. Goals of confidentiality policies