

January 31, 2022 Outline

Reading: *text*, §6.4, 7

Assignments: Homework #2, due February 7
Project Progress Report, due February 14

1. Trust models
2. Availability
 - (a) Deadlock
 - (b) Denial of Service
3. Denial of service components
4. Constraint-based model
 - (a) User agreement
 - (b) Finite waiting time policy
 - (c) Service specification policy
5. State-based model
 - (a) Resource allocation system model
 - (b) Denial of service protection base
 - (c) Waiting time policy
6. Availability and network flooding
7. Countermeasures
 - (a) Manipulate opening of connection
 - (b) Control which packets get through, or the rate at which they get through