



# Week 3 Access Matrix

# Access Matrix Model (Lampson, 1970s)

- An access matrix consists of subjects, objects, and rights
- The approach can represent different access control policies
  - MAC
    - An access matrix represents who (subjects) can access what (objects), how (rights)
  - DAC
    - An access matrix can be changed at the discretion of authorizers

# An Example of an Access Matrix

<div>Objects</div> <div>Subjects</div>	File 1	File 2	File 3
Alice	Read		Execute
Bob		Write	Read
Chris	Append		Write



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