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MC 378

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My Research

• Role-Based Access Control
• general topics in databases or access control
  – access control in the cloud
  – attribute-based access control
  – delegation
  – privacy
    • what is it?
    • how to implement in relational database
    • how to combine with RBAC
  – role mining
  – role integration
Computer Science (4411b/)9538b

- second database course – assumes you have a first course covering relational databases, relational algebra, SQL, ER models
- look at distributed relational databases and non-relational ideas: OODB and XMLDB
- look at internals – how database packages are implemented, data models, storage of data, query optimization, implementation of concurrency control and recovery in centralized and distributed environment
- explore all of these database issues in the cloud/big data