

SDM: Secure Data Management

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- Aim: Study security challenges in modern data mngmnt
- Contents:
 - Digital Rights Management
 - Classical access control (Kerberos, etc.) and its shortcomings in different settings
 - Access control in open environments: attribute-based encryption, proxy re-encryption, identity-based enc.
 - Encrypted databases: searchable encryption, ...
- Exam: 70% written exam + 30% assignments
- Period: Q1
- Prerequisite: Security and Cryptography (Q1)