

Study Questions

"Computer Security"

Ch 2: Identification and Authentication Ch 3: Access Control

Gollmann

CS 4210 Advanced Operating Systems

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1. What's the difference between authorization and authentication? Is biometrics a form of authentication or authorization?
2. Describe "password spoofing" (also known as a Trojan Horse attack).
3. Gollman proposes a centralized password server to help you avoid all those annoying "please login" as you move from domain to domain on the Internet. Describe some problems with this idea.
4. Define the following terms and their relationships: access control matrix, access control list, capability list.
5. Some systems have a "grant permissions" permission that can be passed from the owner of an object (a subject) to another subject. How can that be represented in the access control matrix model?