

CSE 543 - Computer Security

Lecture 6 - Authentication

September 21, 2006

URL: <http://www.cse.psu.edu/~tjaeger/cse543-f06/>

Project Background and Related Work

- Due 10/10
- Questions to Answer:
 - What is the technical problem?
 - What has been done to solve it in the past?
 - Why has no one solved it yet?
- On project assignments page (~tjaeger/project_assigns.html)
 - More resources to investigate answers
 - Often tip of the iceberg
 - References in papers
 - Systems mentioned
- Divide up search for information and answer the questions above

What is Authentication?

- Short answer: establishes identity
 - Answers the question: To whom am I speaking?
- Long answer: evaluates the authenticity of identity proving credentials
 - **Credential** – is proof of identity
 - **Evaluation** – process that assesses the correctness of the association between credential and claimed identity
 - for some purpose
 - under some policy