

Flipped Classroom Session 10: Electronic Identity

CS-C3130 Information Security, 12.10.2023

1. Trust relationships in Single Sign On

Web-based SSO involves three main parties:

- The client
- The service provider
- The identity provider

Pick two examples of a service (e.g. a cloud storage provider, a bank, an email provider). For each service, which of these parties needs to trust whom? State your assumptions.

2. Assertions by Identity Providers

The assertions by an identity provider must be cryptographically protected. What are the security requirements for these assertions, and how would you use cryptography to achieve them?