Outline for November 29, 2005


1. Safety on the Web: Email
   a. Attachments, worms, and viruses
   b. Spam
      i. Joe jobs
      ii. Relaying through third parties
      iii. Zombies
   c. Anti-spam technologies
      i. Authentication and authorization services
      ii. Reputation services
      iii. Challenge-response
      iv. Port blocking and rate limiting
      v. Preventing relaying
      vi. Spam filtering
      vii. Image blocking
   d. Phishing

2. Assurance
   a. Trustworthy entities
   b. Security assurance
   c. Trusted system
   d. Why assurance is needed
   e. Requirements
   f. Assurance and software life cycle