Security
Privacy
• physical security
  • files
  • browser history
  • cookies, sessions
DELETE COOKIES?!
GET / HTTP/1.1
Host: example.com
HTTP/1.1 200 OK
Set-Cookie: session=29823bf3-075a-433a-8754-707d05c418ab
Authentication
• passwords
  • length, post-it notes, easy to guess
  • hashed server-side or not
  • resetting (emailed in clear?)
  • using on other sites
  • change vs not change
1. 123456
2. 123456789
3. qwerty
4. 12345678
5. 111111
6. 1234567890
7. 1234567
8. password
9. 123123
10. 987654321
• two-factor authentication
  • keyfob, app, sms

• [emphasize tradeoffs]
Network Security
• network security
  • wifi WEP, WPA
  • xfinity injection
  • firewall
  • vpn
Encryption
• encryption
  • symmetric: caesar [discuss key size]
  • public-key: RSA
Phishing
Report Phishing

Deleting helps you, reporting helps everyone.
phishing@harvard.edu

Learn to click wisely at security.harvard.edu.
Malware
• phishing

• virus, worms, malware, botnets
Trust
Security