

Announcements

- Reading Chapter 19
- Midterm #2 was returned

Review of Midterm #2

#	1	2	3	4	5
Min	0	5	0	0	0
Max	20	20	20	20	20
Mean	14.00	15.10	10.53	13.63	14.14
StdDev	5.3	4.88	6.23	5.55	5.23

Mean: 67.4

StdDev: 18.3

Security

- security vs. protection
 - protection provides a mechanism to control access to resources
 - security also includes external features such as users
- security requires precluding unauthorized
 - access to data
 - modification of data
 - destruction of data
- several major types of security
 - physical: must protect access to resource it self
 - if you have physical access to a machine, you can break security.
 - users: if a user gives away access (or info) computer security is useless
 - software: OS and system software must provide protection

Who do you trust?

- It's easy to get paranoid
- Do I trust a login prompt?
- Do I trust the OS that I got from the vendor?
- Do I trust the system staff?
 - should I encrypt all my files?
- Networking
 - do you trust the network provider?
 - do you trust the phone company?
- How do you bootstrap security?
 - always need one “out of band” transfer to get going