**Ryan Peters**

**CSS 337: System Security**

**Due on January 23, 2017**

**HW#1 Saltzer and Schroeder**

Read the paper (section 1A, 1B optional) carefully, and answer the following:

## What has fundamentally changed since 1975 in computer security?

* Of course, in some applications no special provisions in the computer system are necessary. It may be, for instance, that an externally administered code of ethics or a lack of knowledge about computers adequately protects the stored information. Although there are situations in which the computer need provide no aids to ensure protection of information, often it is appropriate to have the computer enforce a desired authority structure.

Since 1975 the notion of system isolation has pretty much died out completely. This means that as we attempt to develop tools for the internet of things, we need to always consider system security of those things.

## Which two design principles are most important?

Keep it simple (aka Economy of mechanism) and Fail-safe defaults

## What did they leave out?

Job rotation