Reminder

- Lab 4 due on Monday.

Before we talk about today's topic

**Authentication**: Who are you?

**How?** Passwords

**Authorization**: What are you allowed to do?
Denial of service

5-tuple

Client
connect(->) Server

Connection

POD: server

Multiplexing

What happens as many connections begin?

How to solve?
What makes the attack work?

What makes the defense work?

Distributed Denial of Service
Why hard to fix MBAs?
How to fix?