CDNs & DDOS prevention

Reminder
- Lab 4 due on Monday.

Before we talk about today's topic

Authentication: Who are you?

How?

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

Client
connect()

Server
bind()
listen()
accept()

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?
How to fix?