Software Defined Networking

Announcements
- No class on Monday, Dec 9
- Lab 5 is due Wednesday, Dec 4

First a bit about network applications

- This is IMPORTANT: basically the main thing this class talks about.

```
Protocol: What do the client and server send to each other?
What happens when they send unexpected things?
```

Client 0

Network

Client 1

Server
Now SDN

Control Plane
Data Plane

<table>
<thead>
<tr>
<th>Header</th>
<th>In Port</th>
<th>Action</th>
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What we did so far

- Distributed Control Planes
  -> Each switch has its own control plane

Pros | Cons

Alternative

Control Plane

Data Planes
Pros

Cons

Where Used?
Things Enabled
Security?