



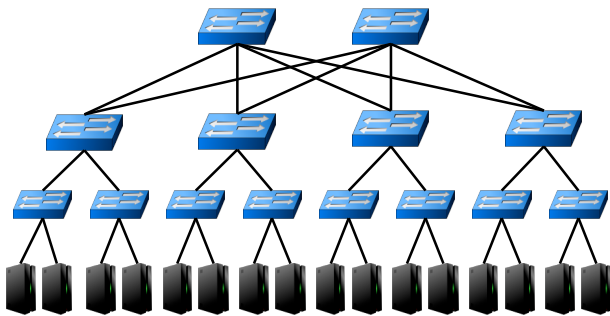
# Plug-n-Serve: Load-Balancing Web Traffic using OpenFlow

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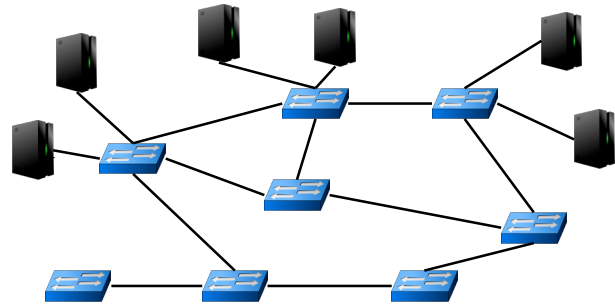
**Goal: Load-balancing requests in unstructured networks**

## Structured Networks - Easy!



- Symmetric topology
- Administered by service provider

## Unstructured Networks - Hard!



- Not designed for load-balancing
- Restricted server placement choices

## OpenFlow means...

- Complete control over traffic within the network
- Visibility into network conditions
- Ability to use existing commodity hardware

## What we are showing

- OpenFlow-based distributed load-balancer
  - Smart load-balancing based on network and server load
  - Allows incremental deployment of additional resources

