Cloud-Based Distributed High-Speed Application Delivery

**Problem Statement**
- Most future applications are expected to be cloud based
- Applications will have multiple replications distributed globally
- Will need replication selection, fault tolerance, load balancing, security, ...
- Inside datacenters this is done by appliances

**Vision**
- Open Application Delivery Network (openADN) Service Appliances
- Will allow multiple applications/enterprises to share Ignite
- Ultra-High Speed ⇒ Need rule-based customization
- Distributed co-ordination protocol

- **Feasibility**: No changes to Internet. Only edge device/software
- **Impact**: Most enterprises, e.g., Bank of America, Facebook, will benefit
- **Partnership**: Architecture, Implementation, Security experts (3 partners)