

The Cloud Silver Bullet

Chris.Read@ThoughtWorks.com

Who am I?

- Principal Consultant at ThoughtWorks
- DevOp



Focus

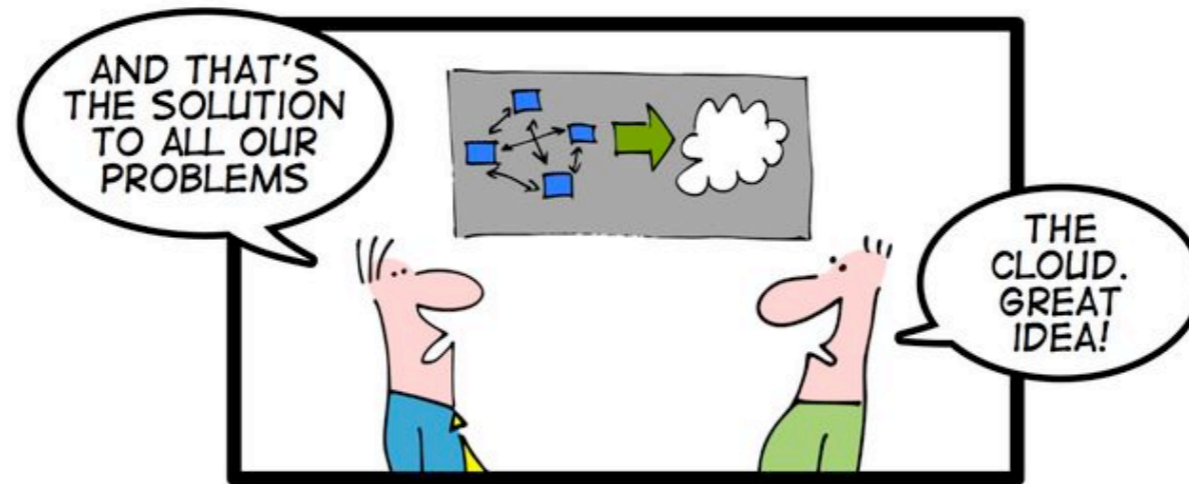
- Cloud Computing
 - Your **code** running on “some servers somewhere”
 - EC2, VMWare, Xen
- NOT Cloud Services
 - Your **data** stored on “some servers somewhere”
 - S3, GMail, SaaS

The Problems

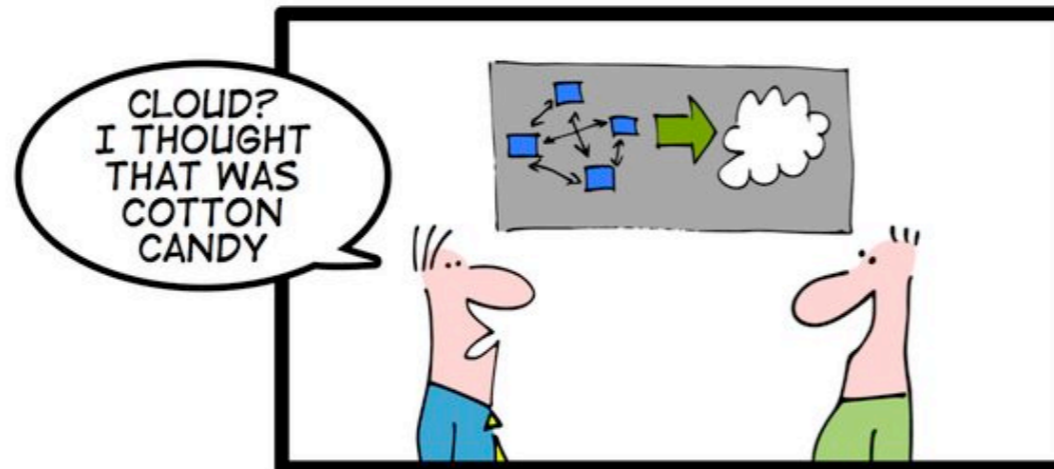
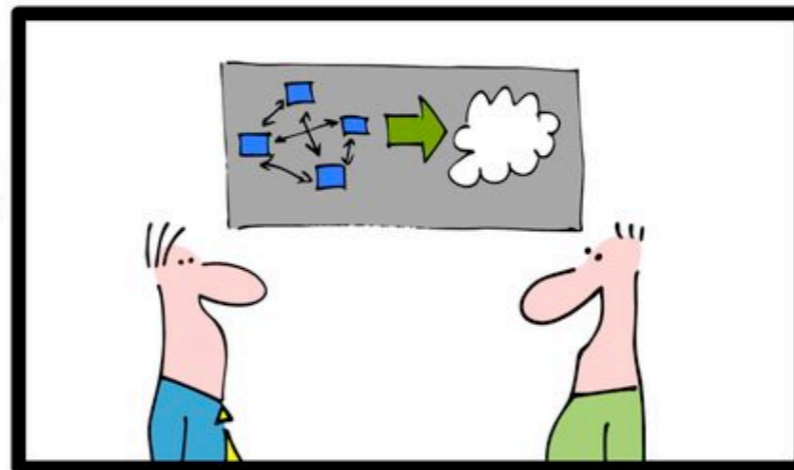
- Business Problems
- Tech Problems

Business Problems

- Costs
- Time to Market
- Risk
- Peer Pressure



geek & poke



CEOs LOVE THE CLOUD

<http://geekandpoke.typepad.com/geekandpoke/2010/01/ceos-love-the-cloud.html>



Technical Problems

- Availability
- Peak Loads
- Lead Times
- Deployment

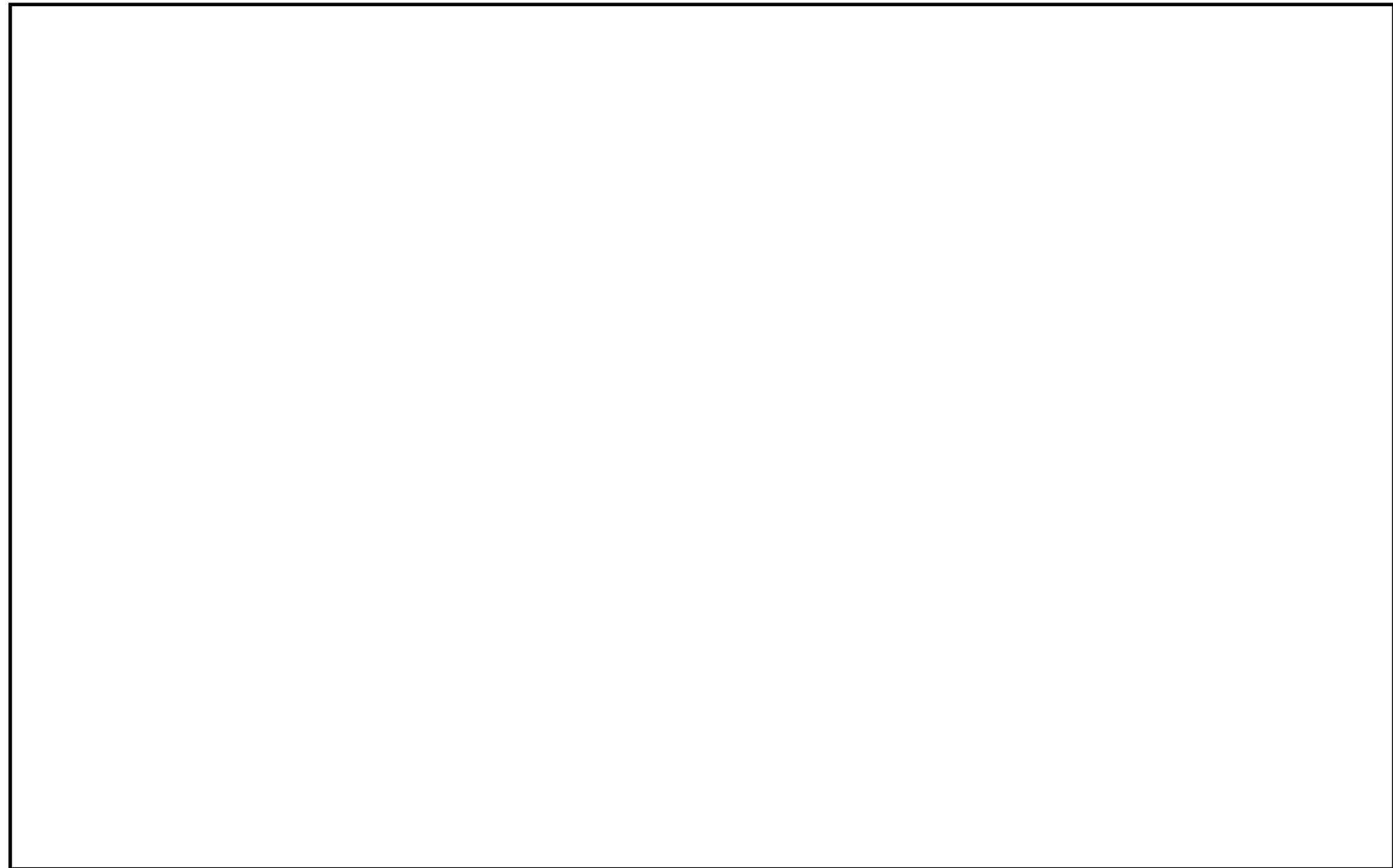
The Solution



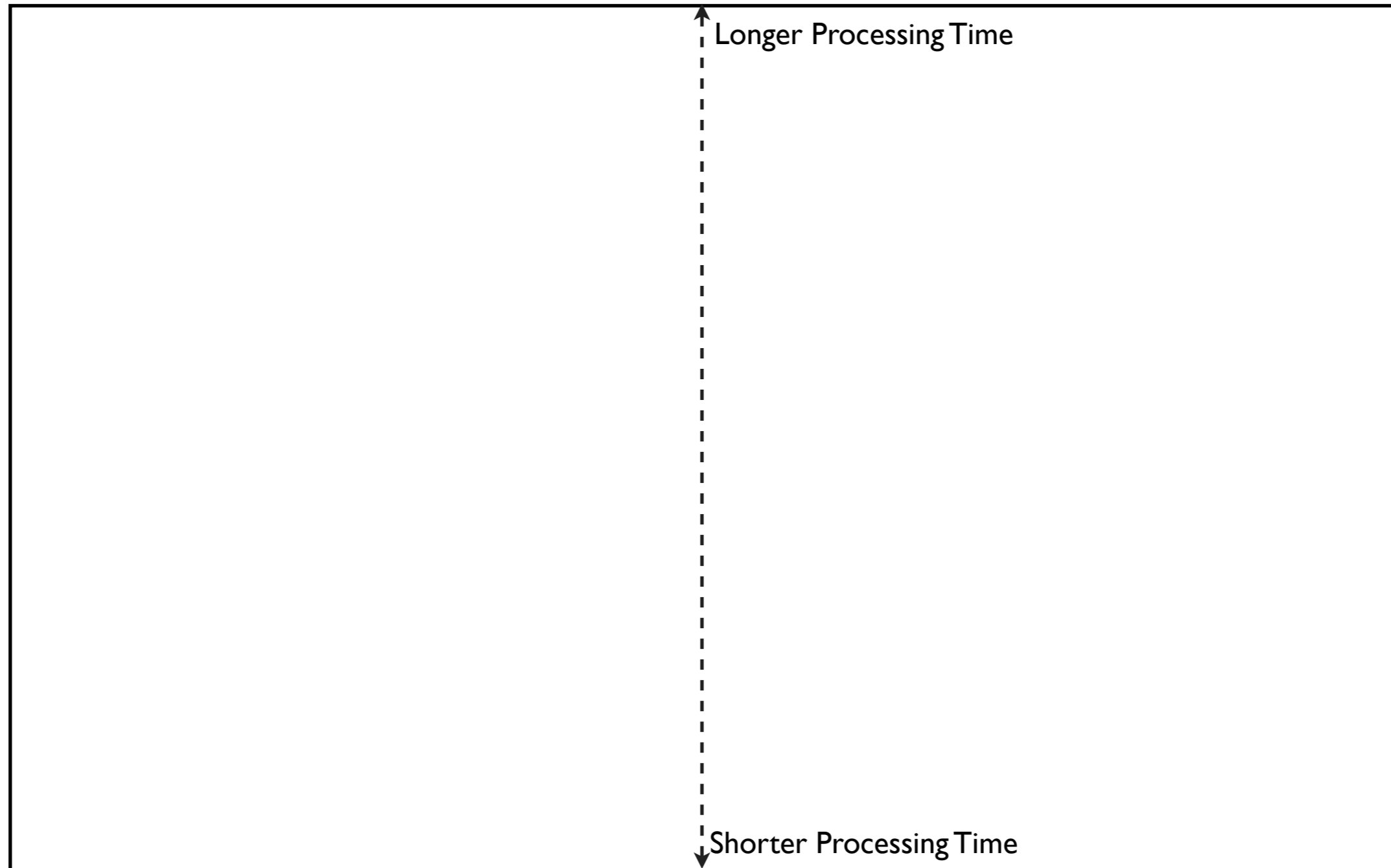
The Solution



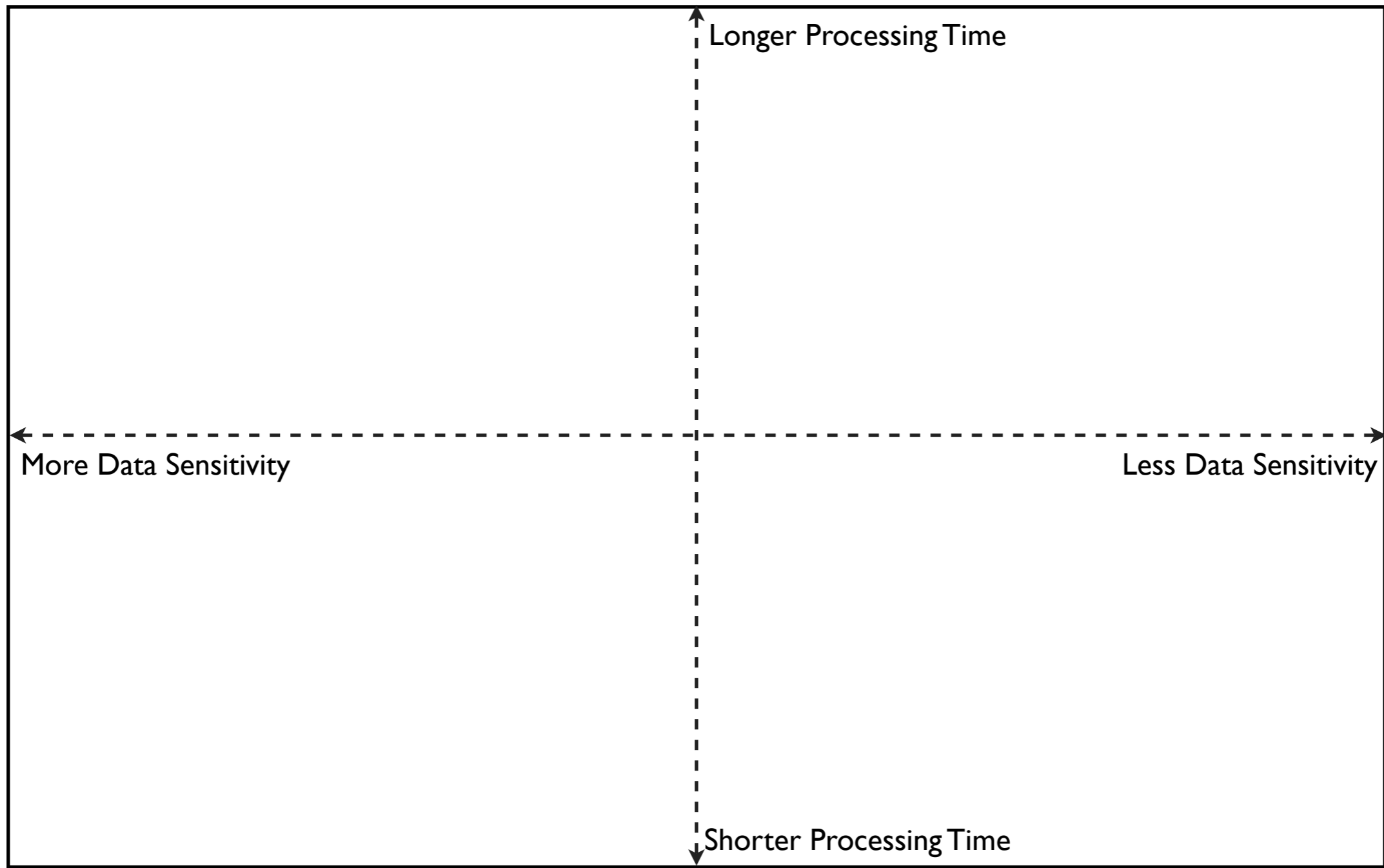
Cloud Computing Types



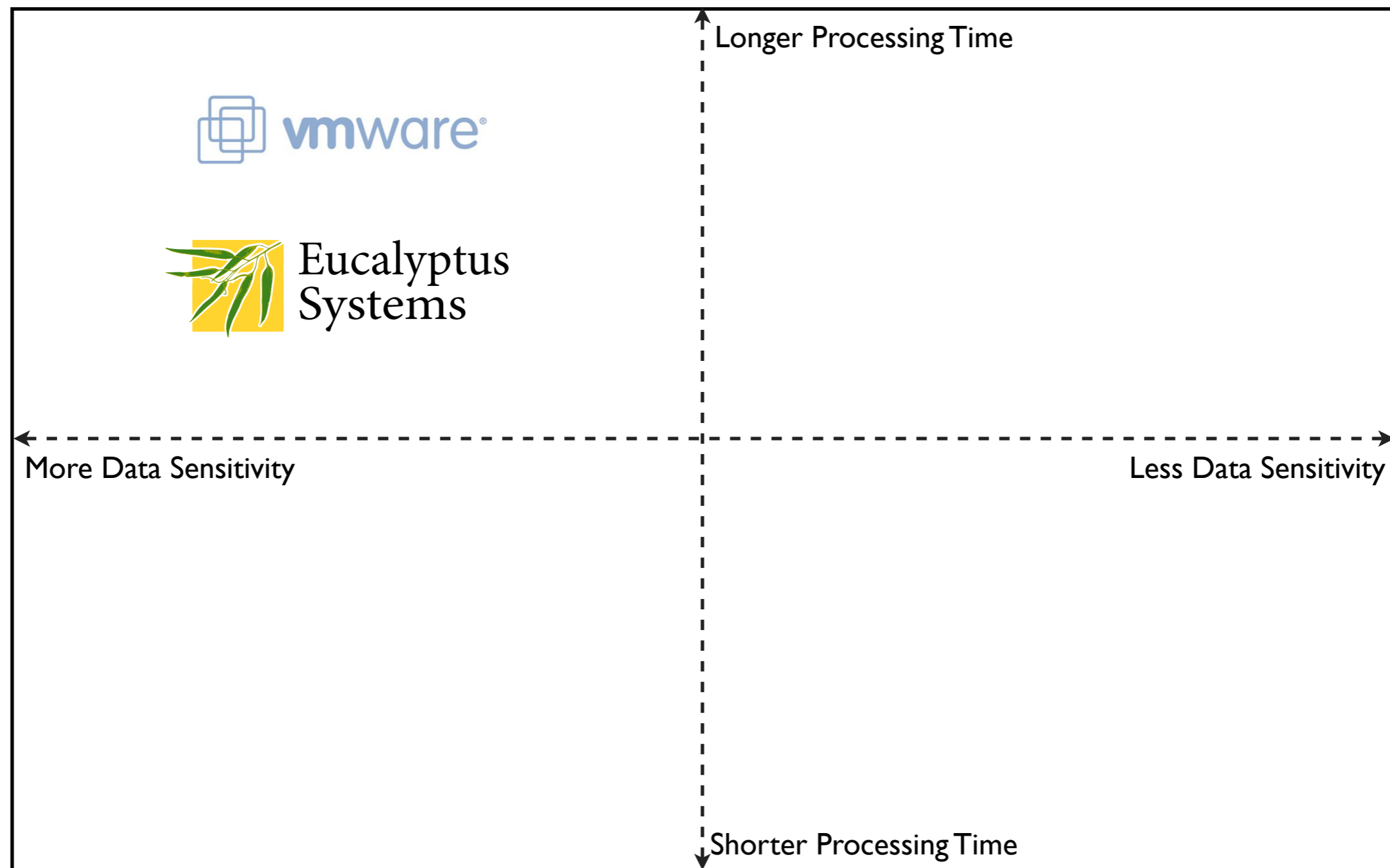
Cloud Computing Types



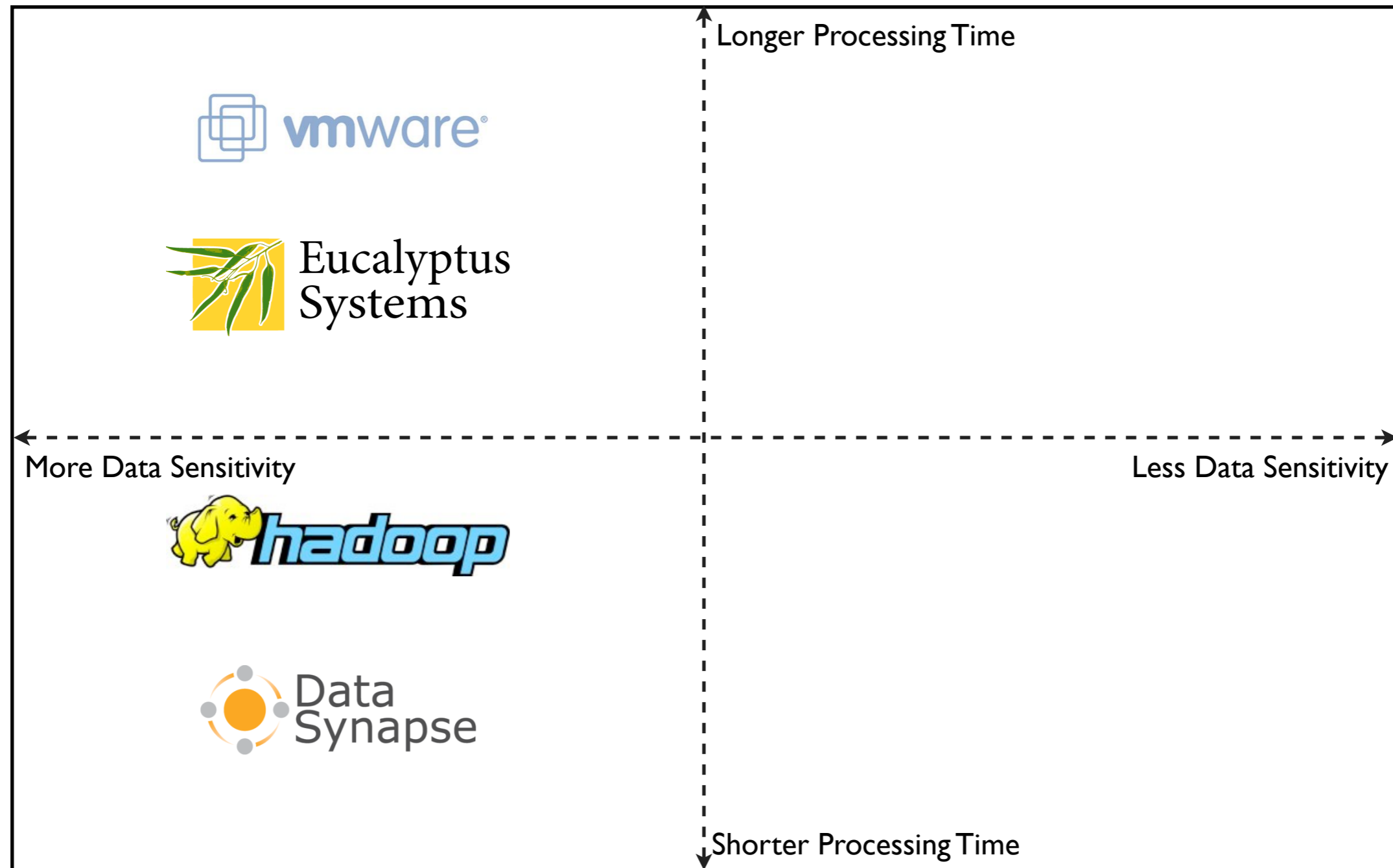
Cloud Computing Types



Cloud Computing Types

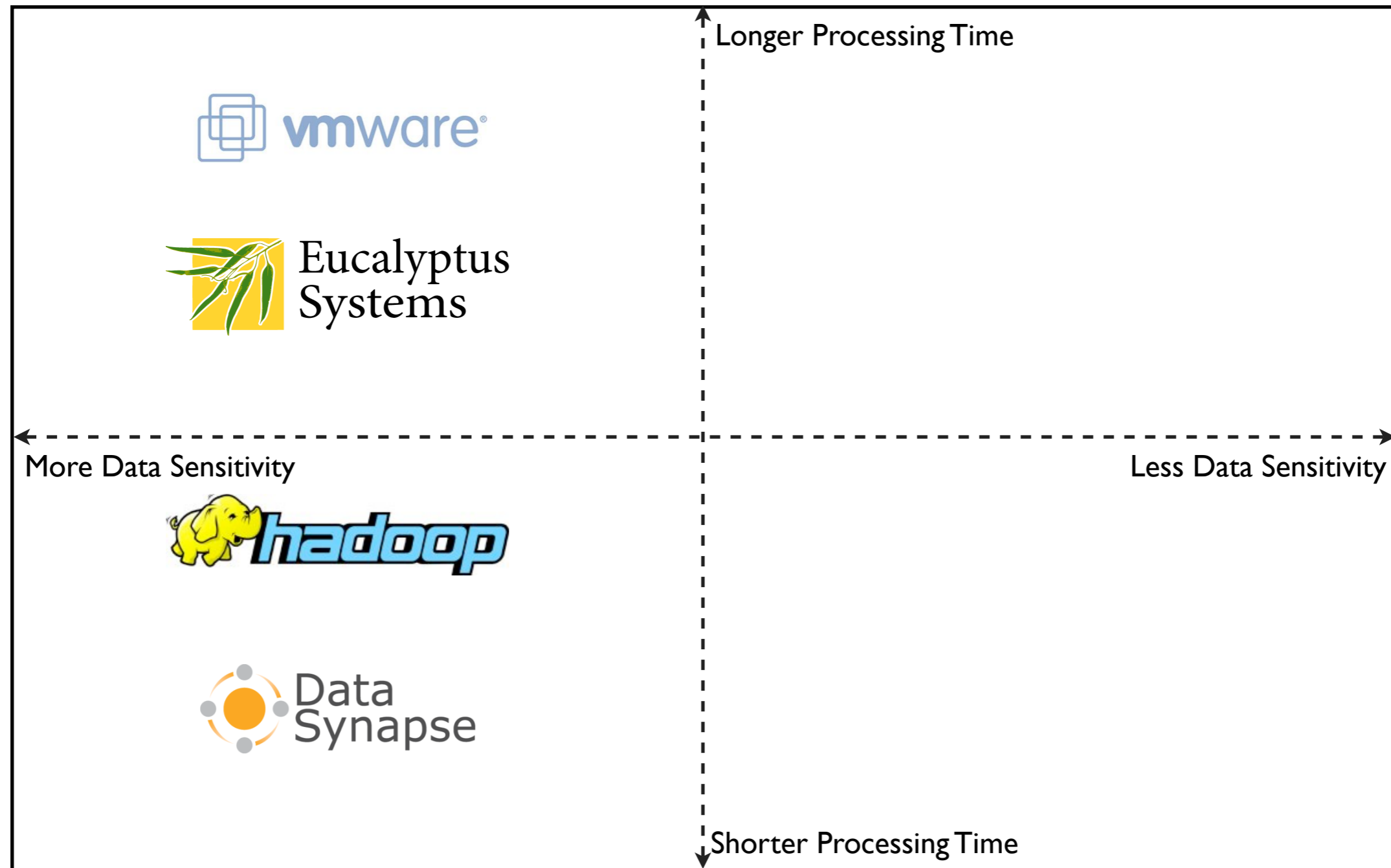


Cloud Computing Types



Cloud Computing Types

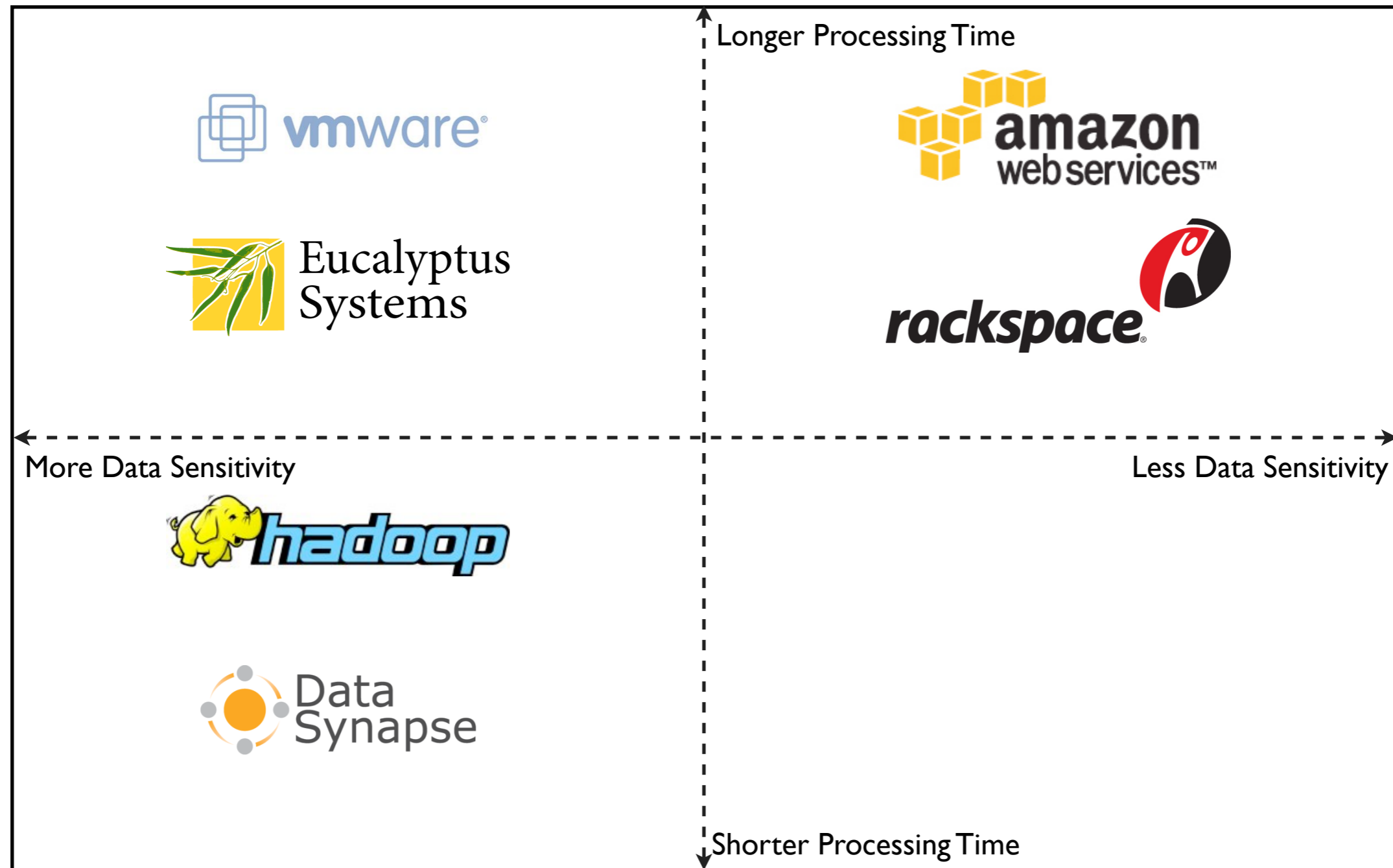
Internal Cloud



Internal Cloud

Cloud Computing Types

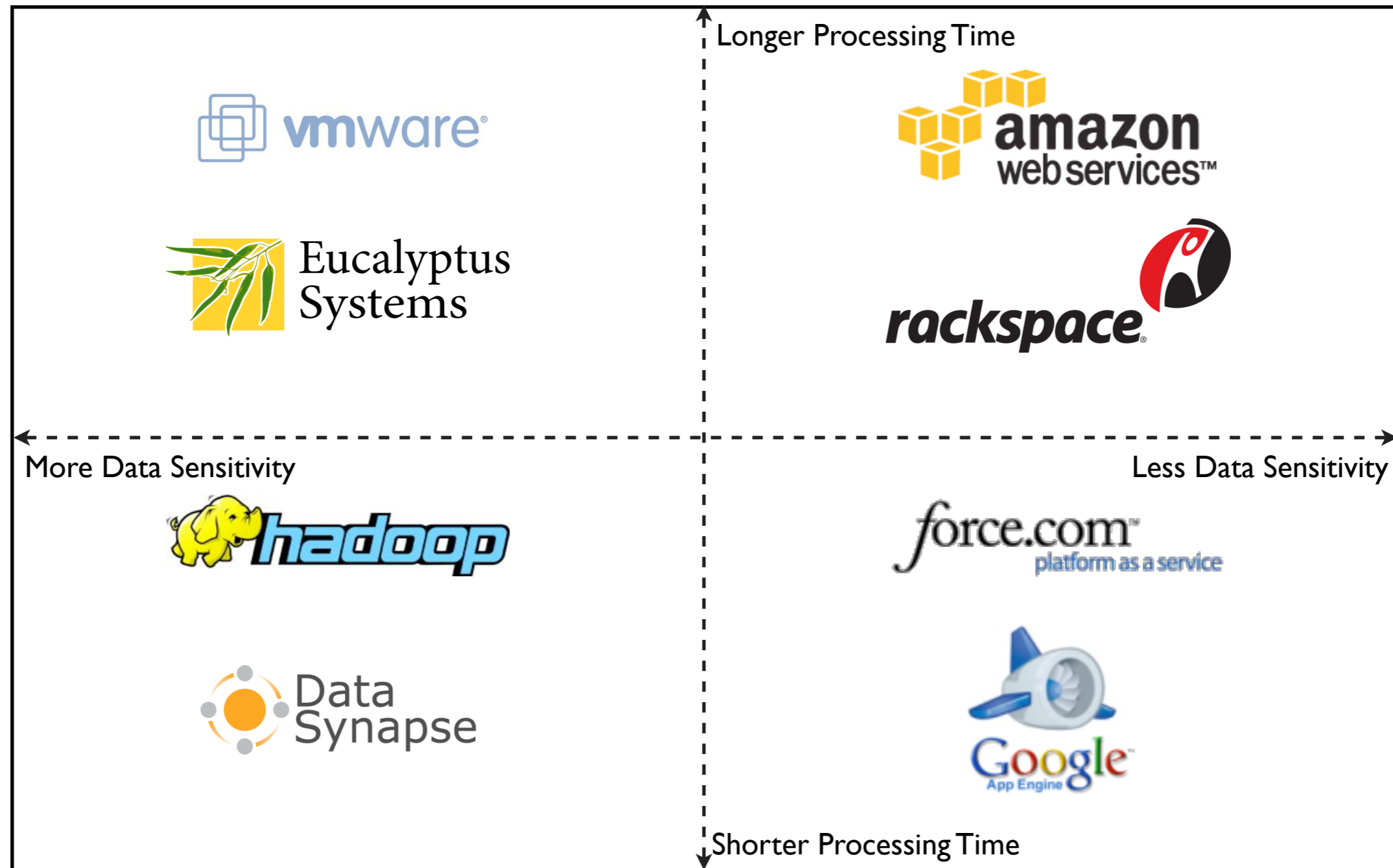
Internal Cloud



Internal Cloud

Cloud Computing Types

Internal Cloud

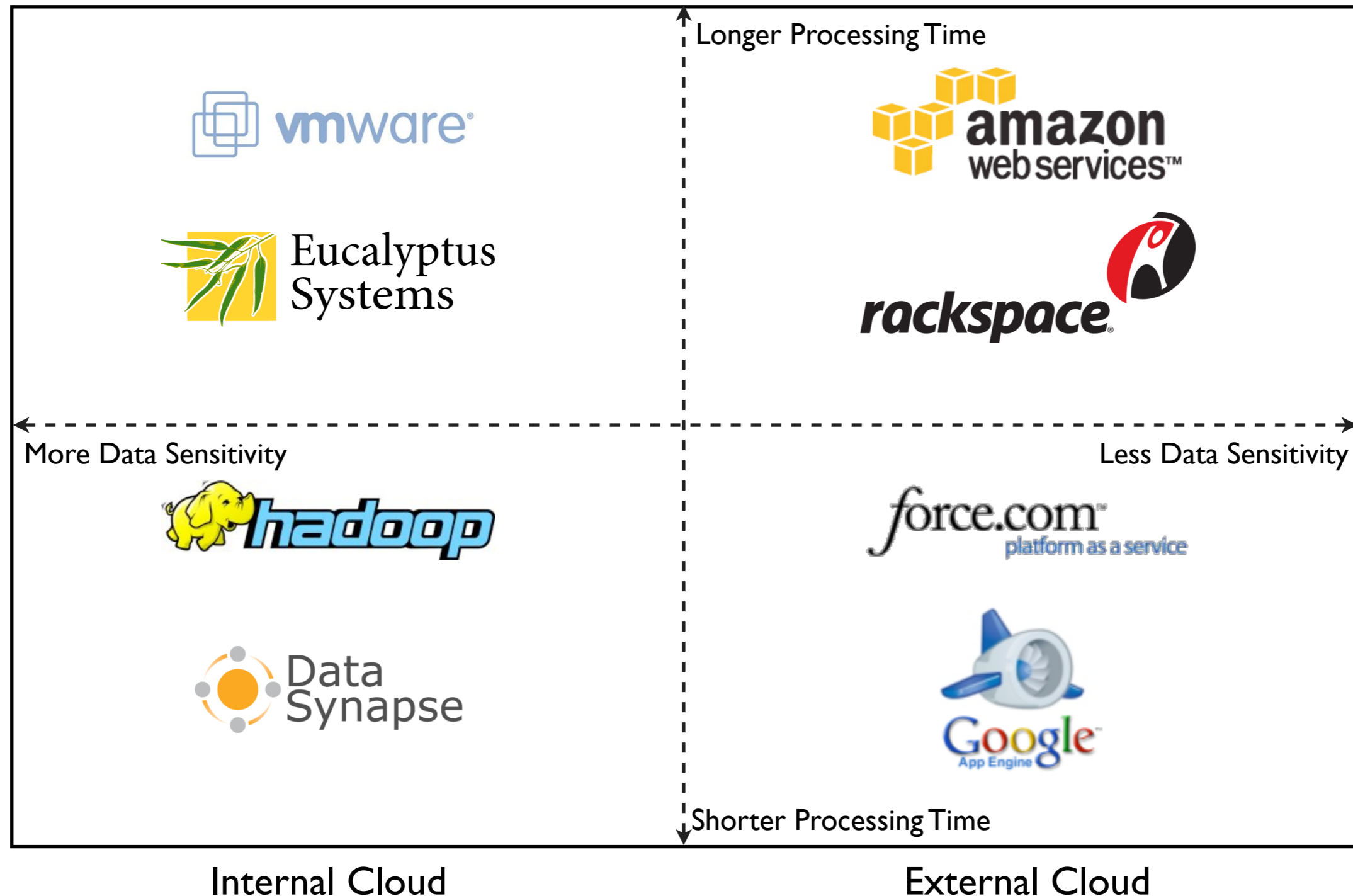


Internal Cloud

Cloud Computing Types

Internal Cloud

External Cloud



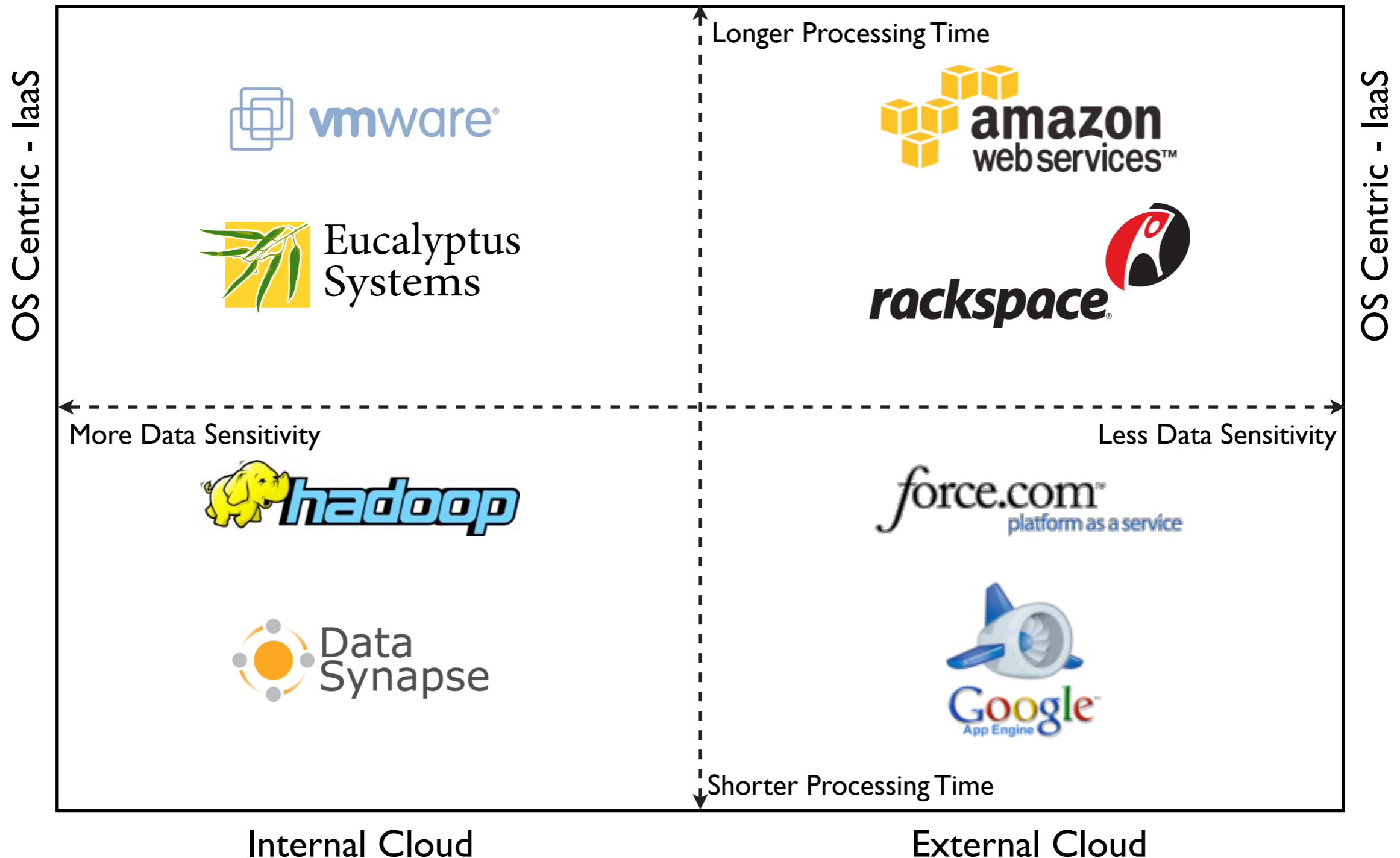
Internal Cloud

External Cloud

Cloud Computing Types

Internal Cloud

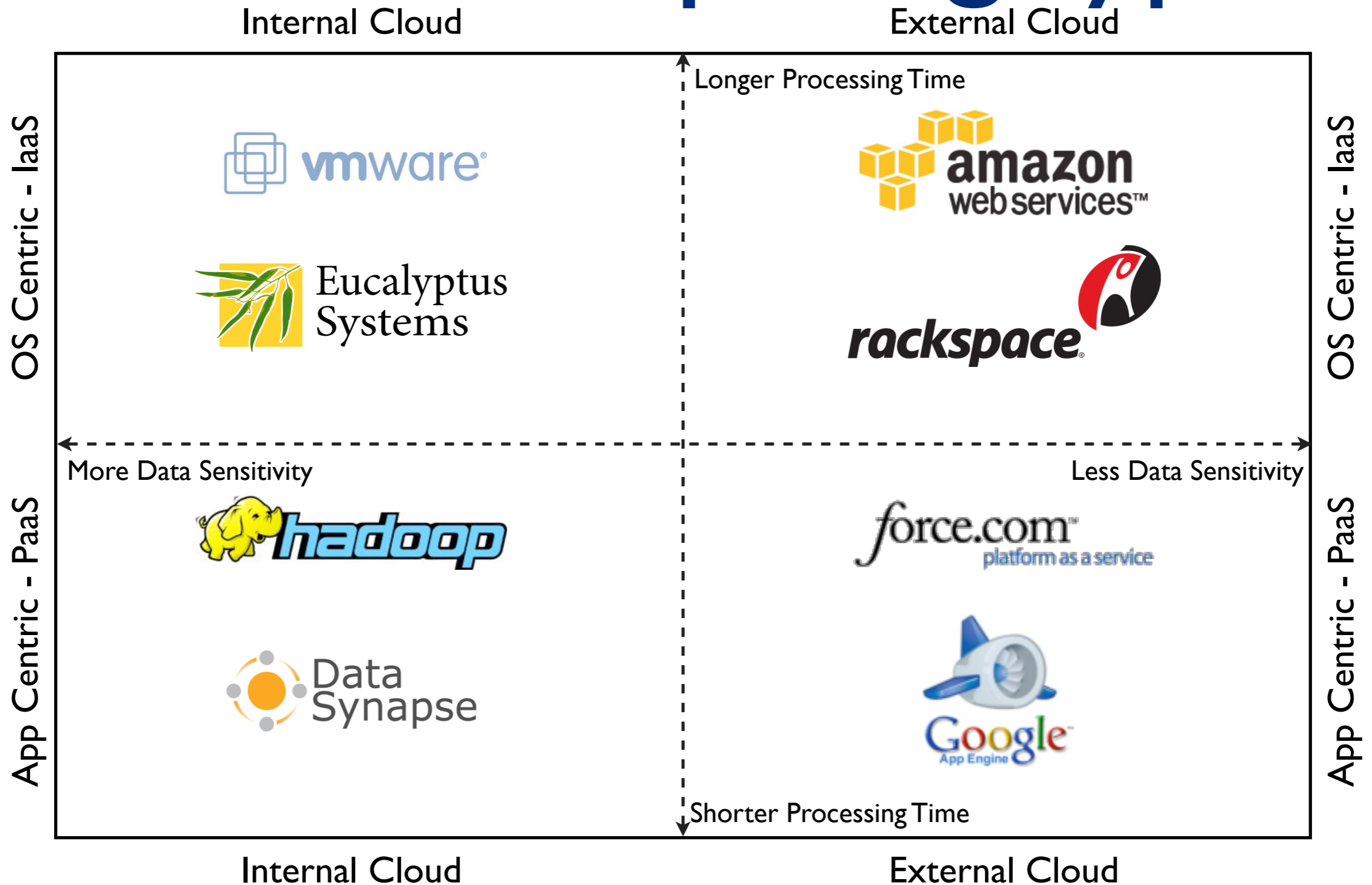
External Cloud



Internal Cloud

External Cloud

Cloud Computing Types



What's Different?

- Disposability
- Expect Failure
- “One Click Deployment” Required
- More Cost Sensitive

What must Improve?

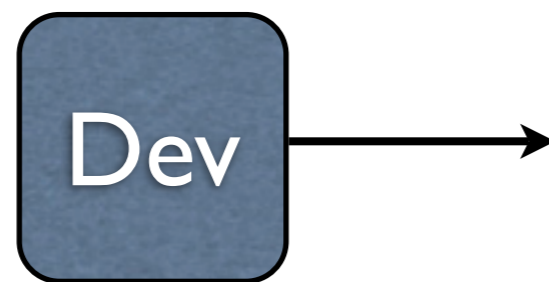
- Skills
- Process
- Automation
- Testing

New Problems

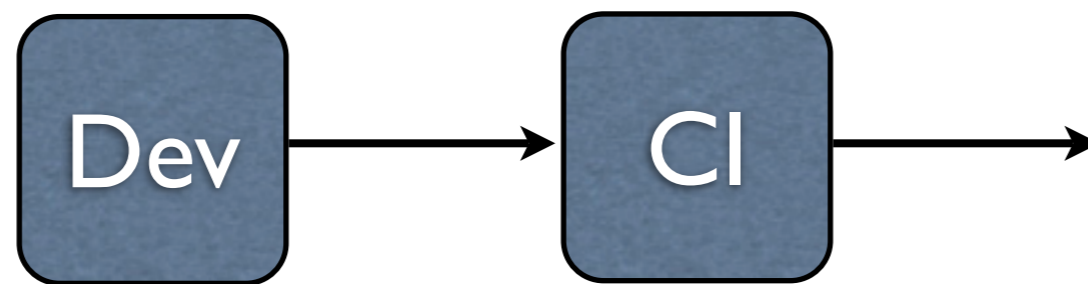
- Data Affinity
- Monitoring
- Diagnosing Failure

Making the Most of Your Cloud

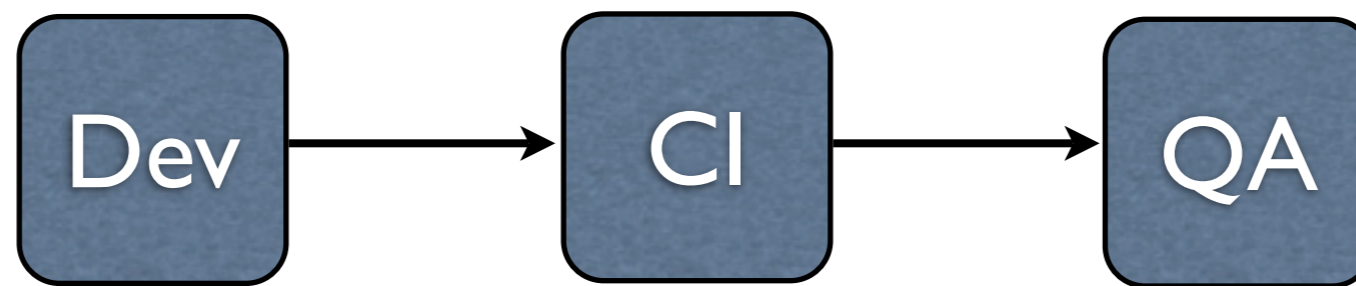
Making the Most of Your Cloud



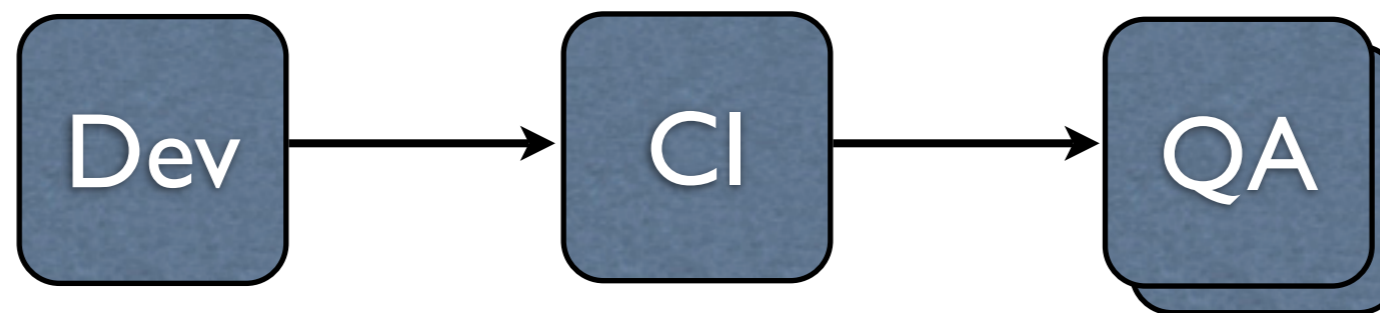
Making the Most of Your Cloud



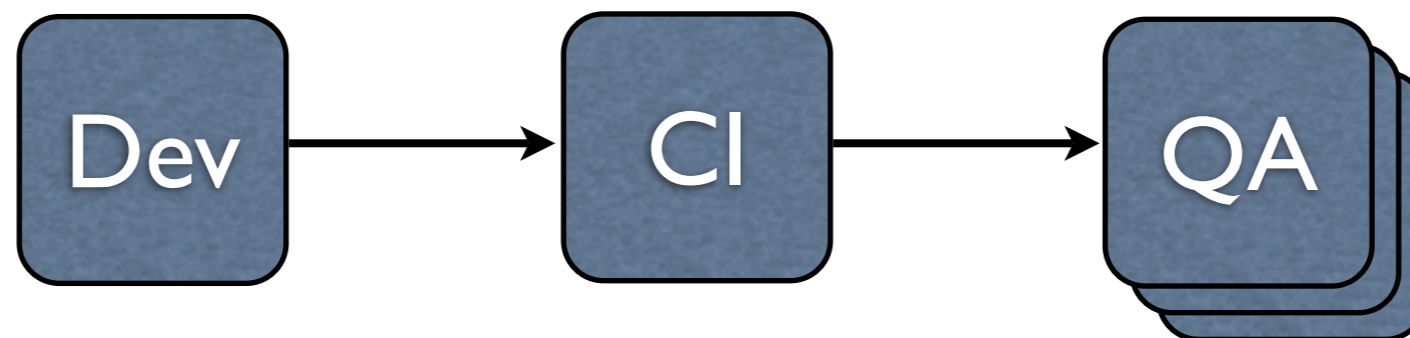
Making the Most of Your Cloud



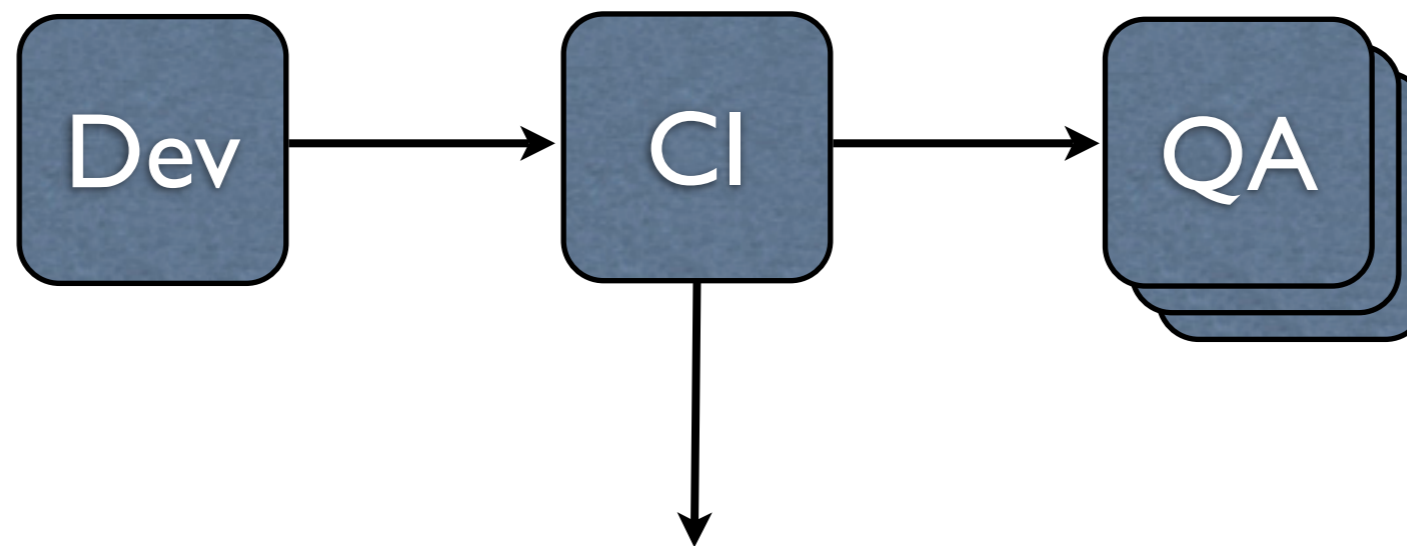
Making the Most of Your Cloud



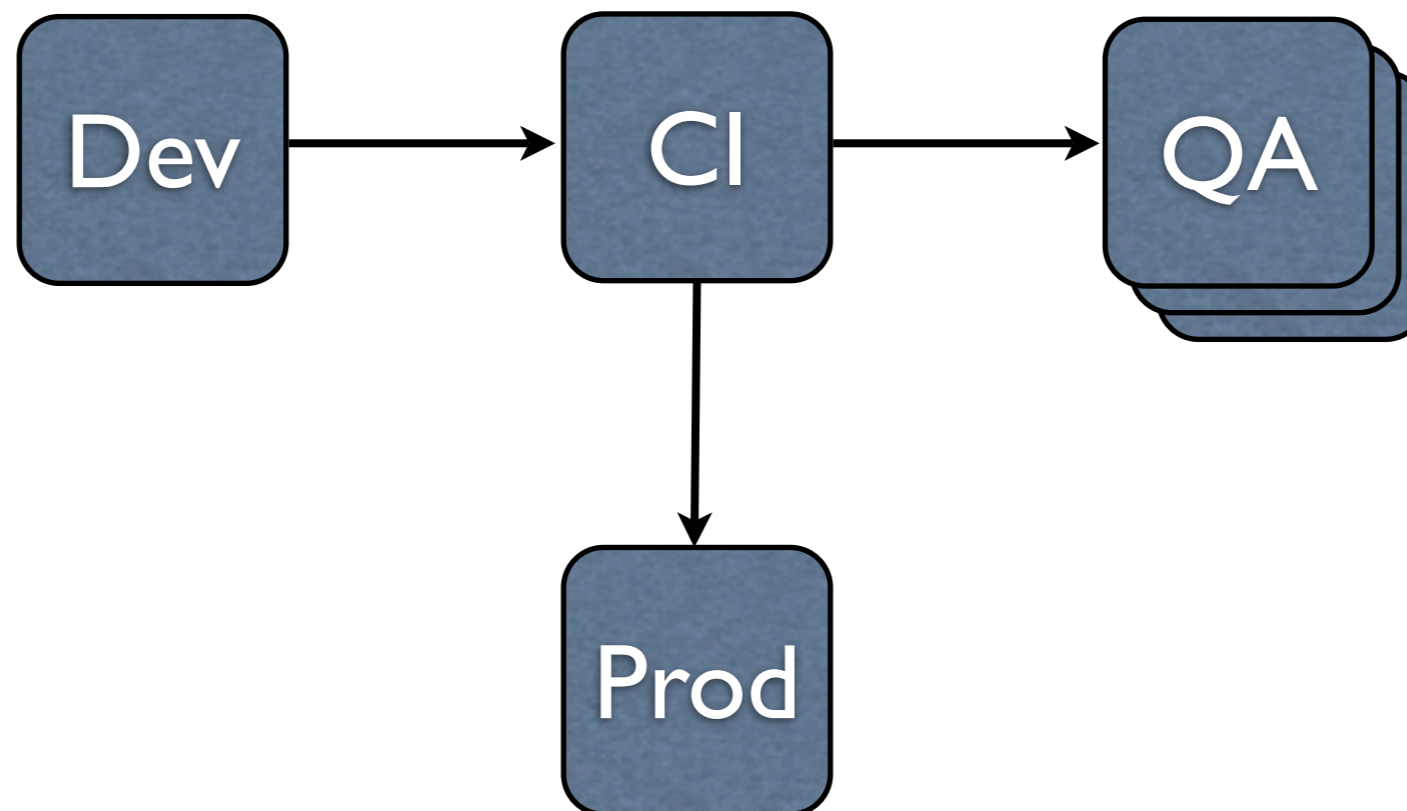
Making the Most of Your Cloud



Making the Most of Your Cloud



Making the Most of Your Cloud



Q&A

