

CDN: Content Delivery Network, replicates content closer to client (according to client consumption)

PaaS → Google App Engine (1) Sandbox

(2) limited API

force.com

(3) Auto scaling

Heroku (bought by Force)

(1) ~~Kill Heroku~~

(2) Complimenting

AWS Elastic Beanstalk

PaaS Issues

1. Supported Frameworks/Languages

2. Cost

3. Availability (eg. 99% / is the tech going to be killed)

4. Control

5. SLA/EULA

6. ~

OS-level virtualization Containers

Pro: lightweight, good isolation

Con: versatility

Linux Containers LXC

Docker

Monolith vs. SOA (service oriented architecture)

to create a very large system by breaking up into discrete units (services)

negatives: 1) API spec sucks

2) independent frameworks did not play together

SOAP
WSDL

3) Speed

Serverless, just code

AWS Lambda and Azure Functions

Function, triggering events, stateless = empty memory, how long it stays? 1:12:30