



Examples of Using Google Cloud Platform

Google Cloud Platform



Google Cloud Platform

Agenda

1

Khan Academy

2

Coca-Cola

3

Backflip Studios

4

Lab

Khan Academy - Online Education

"With Google App Engine, we don't need a system administrator or anyone dedicated to deploying our app, so 99 percent of our time is spent working on our application."

-Ben Kamens, lead developer, Khan Academy

- Not-for-profit online videos for education
- **3.8 million** unique visits a month during the U.S. school year
- **1.5 million** practice questions served and answered every school day
- Chose **Google App Engine** as hosting platform for KhanAcademy.org
- Site deployments at least once per day, sometimes 9 or 10 times per day
- No dedicated system administrator



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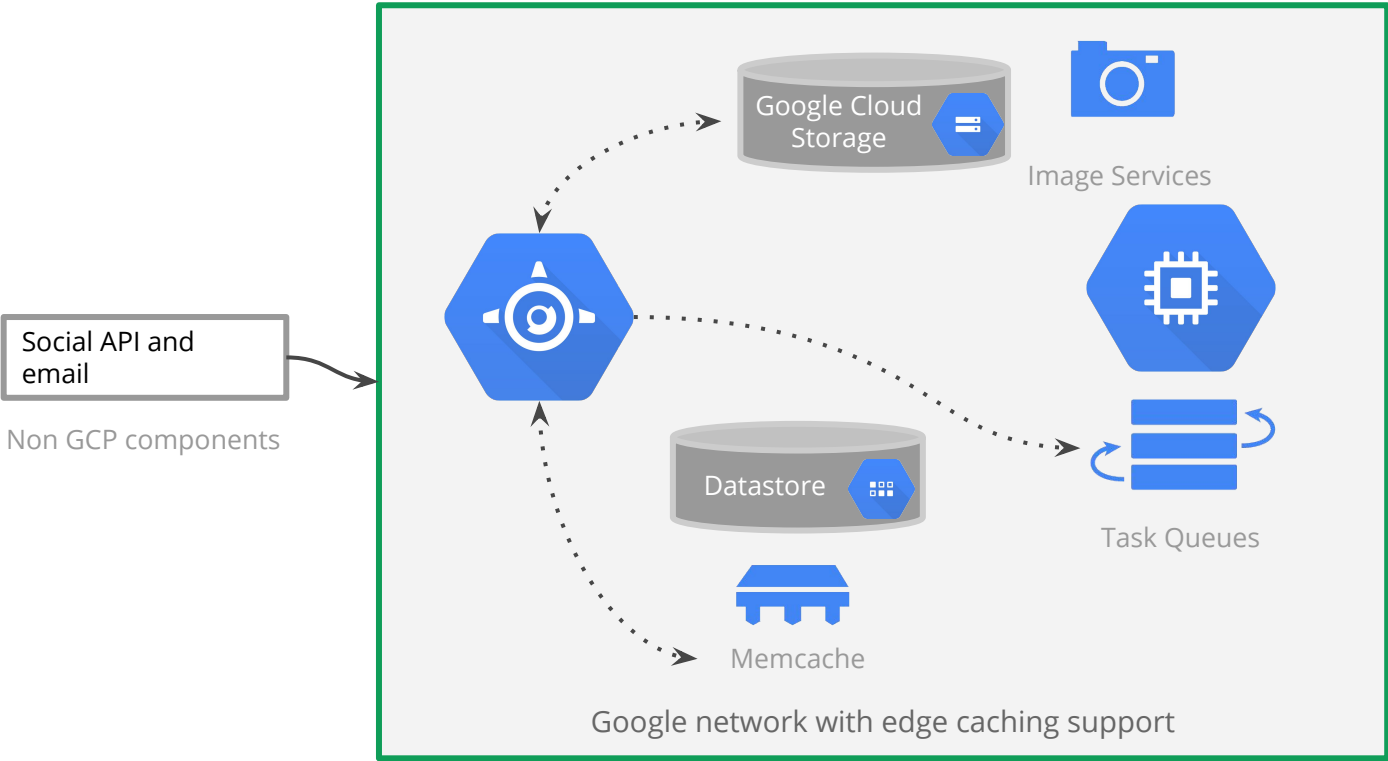
Coca-Cola Happiness Flag for 2014 World Cup (1 of 2)

- World's largest mosaic flag
- Crowdsourced images from more than 200 countries
- Scalable **hybrid** solution built on App Engine, Cloud Storage, Datastore and Compute Engine
- Handled **millions of images** from Twitter, Facebook, Instagram as well as email
- Included redundancy, failover, backup and monitoring



Source: guest [blog post](#) by Daniel Viveiros (CI&T)

Coca-Cola Happiness Flag for 2014 World Cup (2 of 2)



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Backflip Studios - Mobile Game Development

- Mobile game development studio
- Use App Engine and use Datastore for game data
- Auto scaling is key to handling volatile user traffic
- Also use Cloud Storage and use BigQuery for data analysis
- Google Cloud Platform is key to development agility



Source: guest [blog post](#) by Dale Thoms (Backflip Studios)

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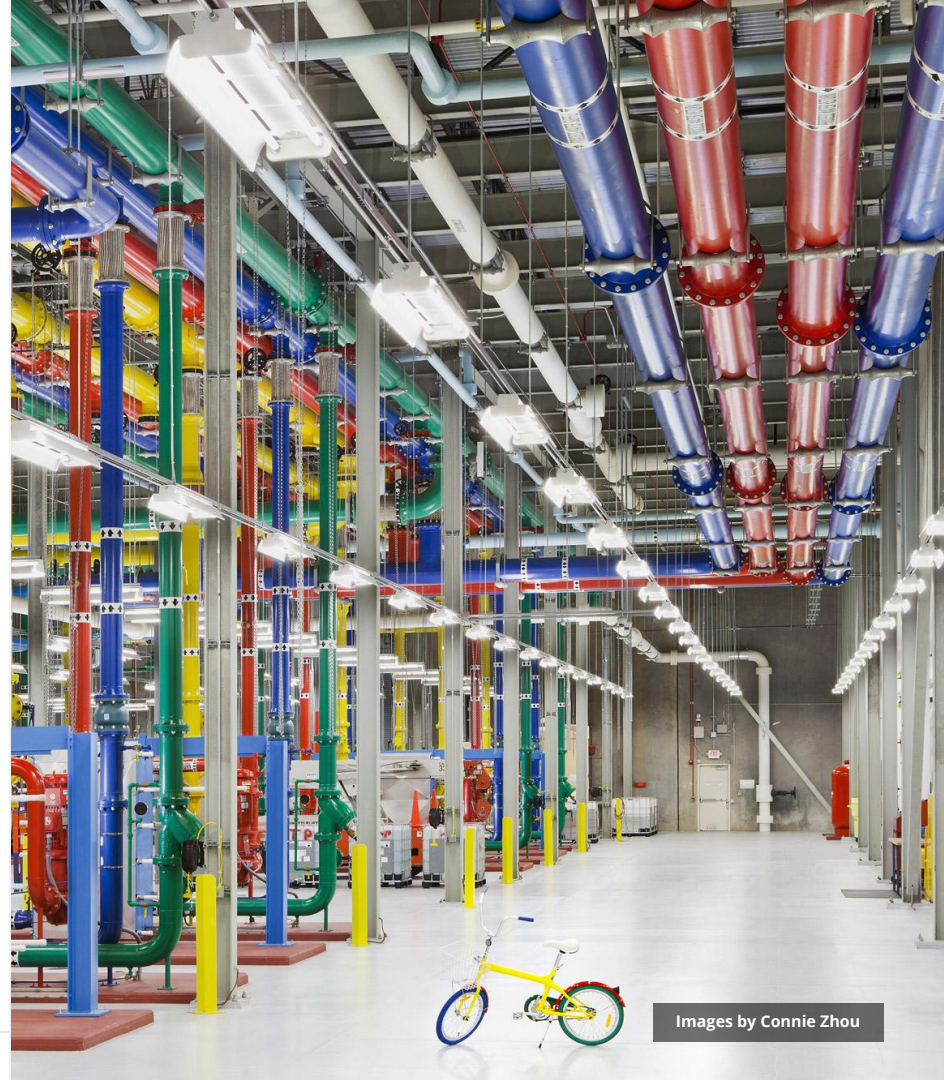
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Lab

Sign up for your free trial (\$300 over 60 days).

Create a project.



Images by Connie Zhou

Resources

- Google Cloud Platform customers
<https://cloud.google.com/customers/>
- Architecture Diagrams
<https://cloud.google.com/solutions/architecture/>
- Solutions
<https://cloud.google.com/solutions/>
- Free trial FAQ
<https://cloud.google.com/free-trial/>



cloud.google.com