

What is the Google Cloud Platform?

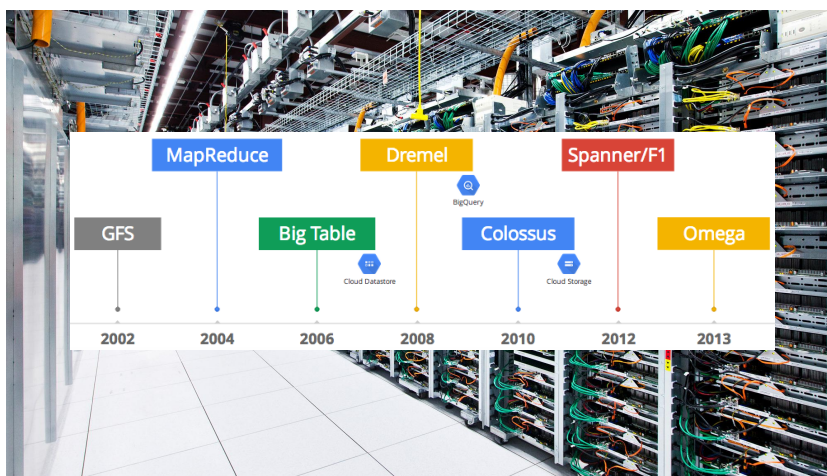
It loves Python... and vice versa

+Wesley Chun

Developer Advocate, Google
PyCon, Apr 2014, Montréal



Continuous Innovation

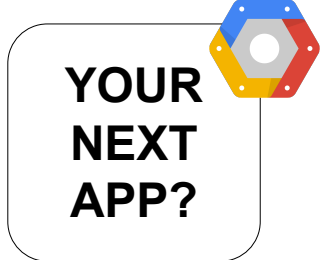


Google Cloud Platform

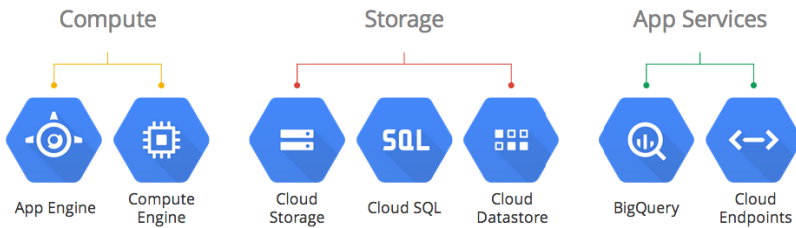
Scale internalized



Harness it for YOUR app



What is the Google Cloud Platform?



Compute



Compute Engine



App Engine



How big is **BIG**?



MAPR™ MinuteSort record TECHNOLOGIES



**15 billion
x 100-byte records**

= 1.5TB of data

59s to sort!

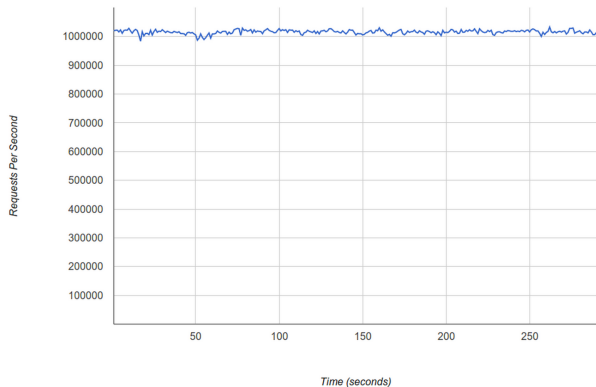


Read more from MapR
goo.gl/GL7k1j



How busy is busy?!?

Curl_loader VMs generating load to Apache VMs
(64 x n1-standard-4 front-ends, 200 x n1-standard-1 back-ends, 1 netaddr for the LB)



Read more at
goo.gl/pKzfTA



Compute

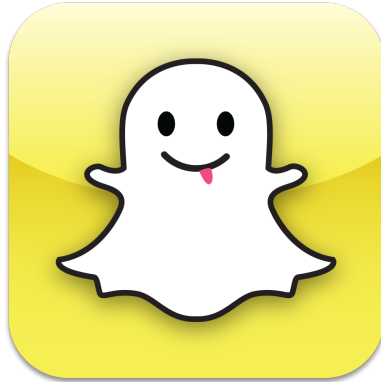


Compute
Engine



App Engine





Google Cloud Platform

Storage



Cloud Storage



Cloud SQL



Cloud Datastore



Google Cloud Platform



Google Cloud Platform

Storage



Cloud Storage



Cloud SQL



Cloud Datastore



Google Cloud Platform

Storage



Cloud Storage



Cloud SQL



Cloud Datastore



Google Cloud Platform

Application Services



BigQuery



Cloud
Endpoints



Google Cloud Platform

COMPOSE QUERY

Query History

Job History

log2bq test

▶ log2bq_data

▶ data-sensing-lab:hoffa

▶ data-sensing-lab:io_sensor_...

▼ publicdata:samples

github_nested

github_timeline

gsod

nativity

shakespeare

New Query

? x

```
1 SELECT TOP(title, 5) as page_title, COUNT(*) as total
2 FROM [publicdata:samples.wikipedia];
```

RUN QUERY

Save Query

Save View

Prettify Query

Enable Options

Query complete (4.5s elapsed, 6.79 GB processed)



Query Results 4:23pm, 13 Mar 2014

Download as CSV

Save as Table

Chart View

Row	page_title	total
1	Wikipedia:Administrator intervention against vandalism	643271
2	Wikipedia:Administrators' noticeboard/Incidents	419695
3	Wikipedia:Sandbox/Archive	226337



Google Cloud Platform

Application Services



BigQuery

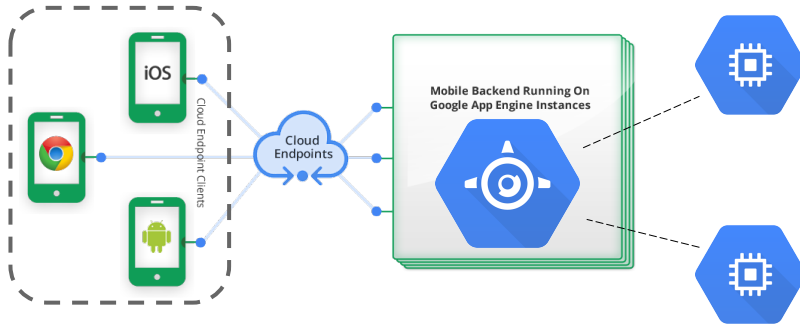


Cloud
Endpoints



Google Cloud Platform

Google Cloud Endpoints



 Google Cloud Platform

Application Services and Network



Cloud DNS

 Google Cloud Platform

Make a splash like GetAround



Read more at
cloud.google.com/files/get-around.pdf



Thank you! / Q&A / What's next?

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[@wescpy](https://twitter.com/wescpy)

Rewatch this talk online at
youtu.be/xuPKrjJ8Ijs

Get started on the Google Cloud Platform today! Enter promo code "dr-con" for \$500USD in credits at g.co/cloudstarterpack

