

DEV iO

Introduction to Cloud Computing

by Aashi Sharma

The logo consists of the word "DEV" in blue, a red lowercase "i", and a green lowercase "o".

Aashi Sharma

ML Enthusiast



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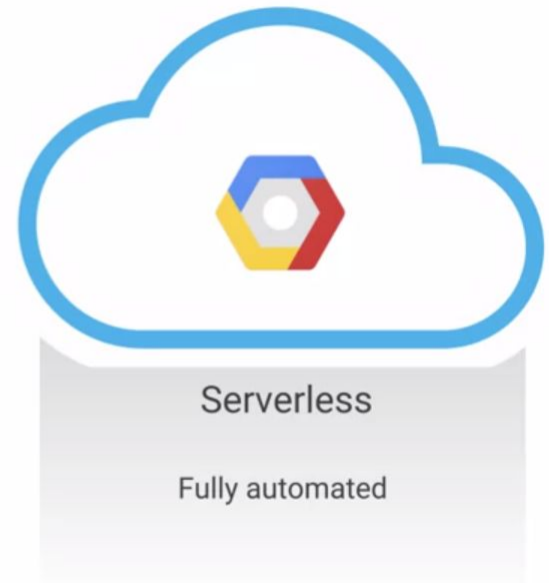
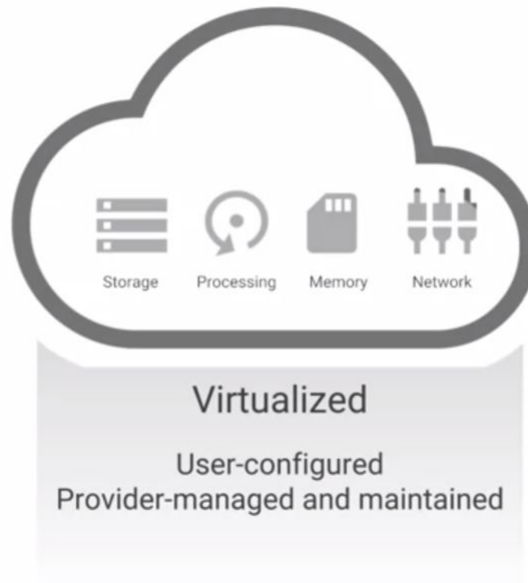
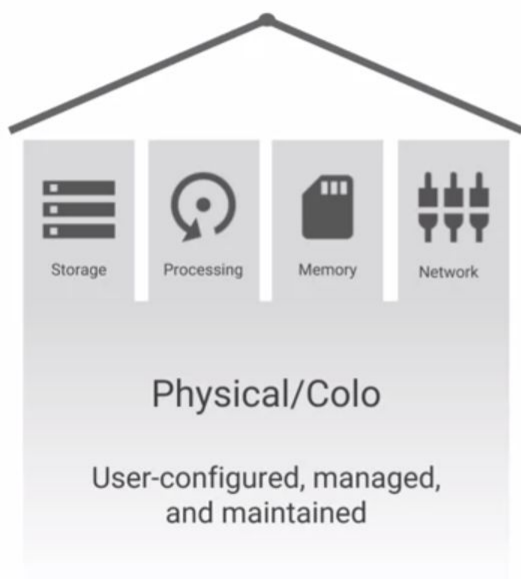
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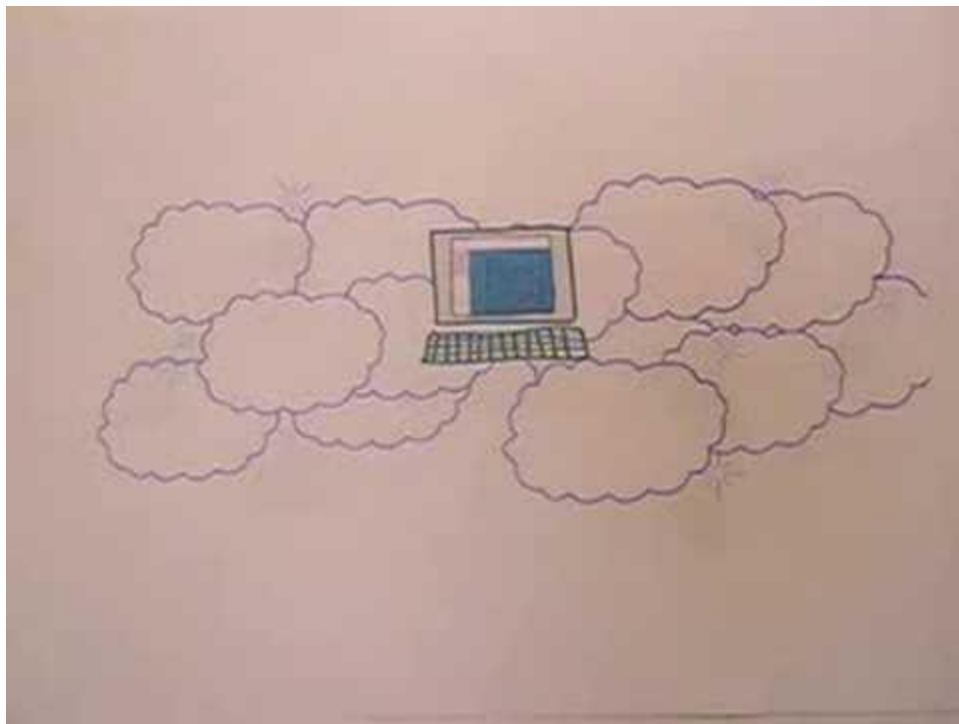


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How did we get here? Where are we going?





What is Cloud computing?



What is cloud computing?



On-demand self-service

No human intervention needed to get resources



Broad network access

Access from anywhere



Resource pooling

Provider shares resources to customers



Rapid elasticity

Get more resources quickly as needed



Measured service

Pay only for what you consume

Cloud Computing

~~Buzzword~~

Let's be practical ok!



Why choose Google cloud platform

Google Cloud Platform enables developers to **build, test, and deploy** applications on Google's **highly secure and scalable infrastructure**

GCP computing architectures meet you where you are



Compute Engine

IaaS



Kubernetes Engine

Hybrid



App Engine

PaaS



Cloud Functions

Serverless
logic



Managed services

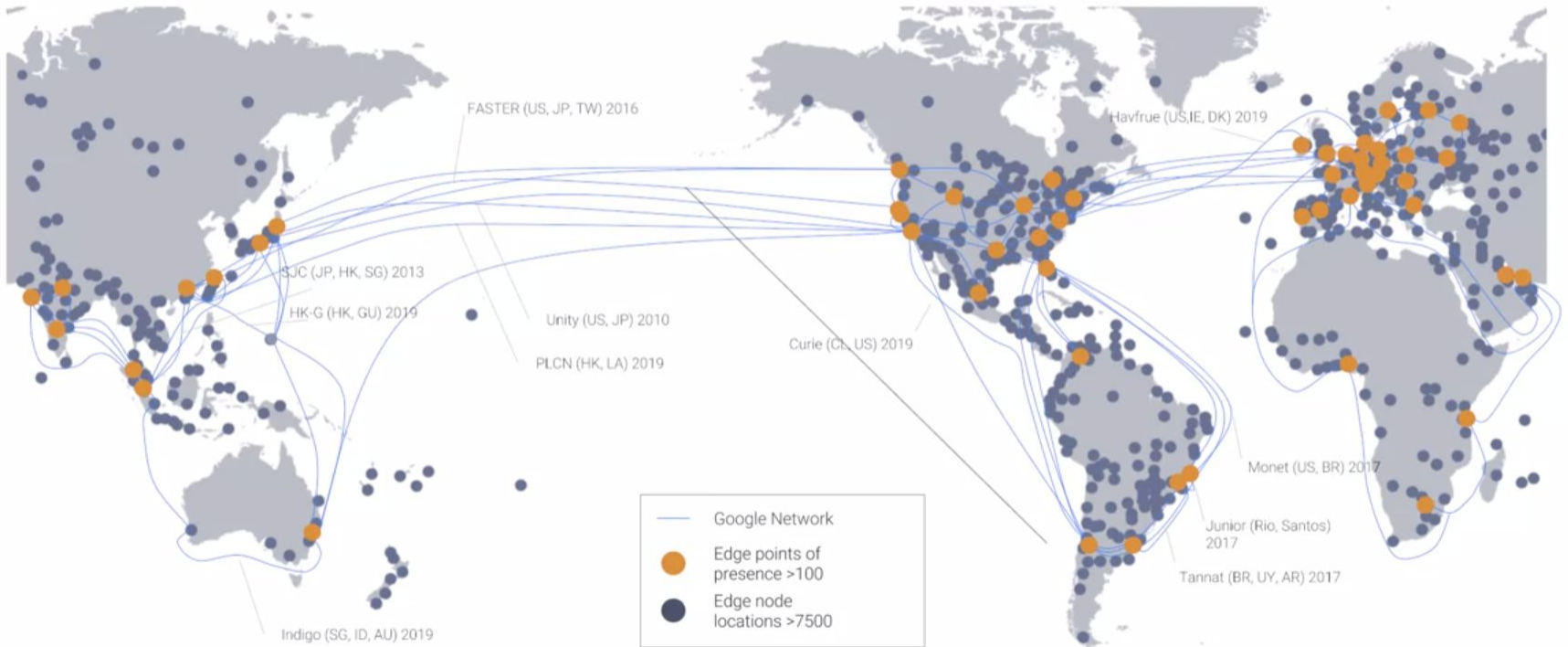
Automated elastic
resources



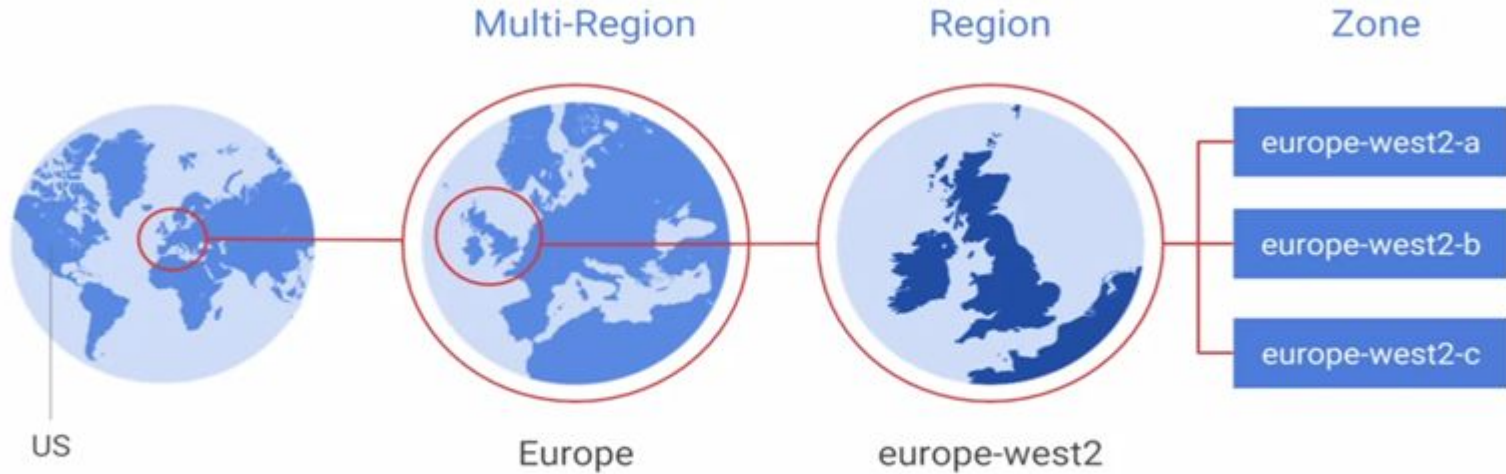
Toward managed infrastructure

Toward dynamic infrastructure

Google network: 100,000s of km of fiber cable, 8 subsea cables



GCP is organized into regions and zones



Google is committed to environment responsibility



100% carbon
neutral since
2007



One of the
world's largest
corporate
purchasers of
renewable
energy



First data
centers to
achieve ISO
14001
certification

How to get better in cloud?

Some useful resources

bit.ly/dsckiet-cc

Thank you

Contact us at:



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@dsckiet

