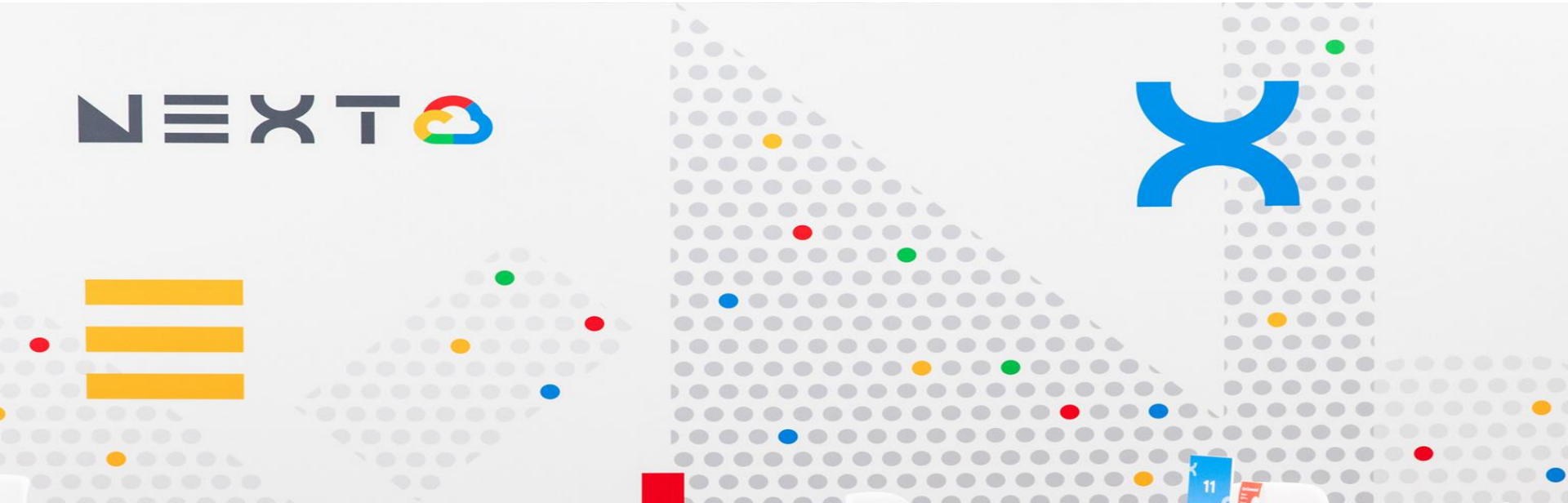


Google Cloud Next '19 Recap



Created by



Tuyen Pham

- Age: 31
- Hobbies : Fishing
- Slogan:

***"We don't move you to Cloud,
We bring the Cloud to you"***



Working at



GDG Cloud Ho Chi Minh



GDG Cloud Ho Chi Minh

Presenter



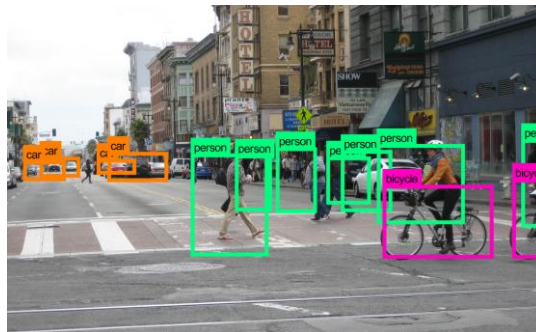
TUAN DO ANH
Senior Software Engineer
Mobile: +84 97 574 3684



Working at



GDG Cloud Ho Chi Minh



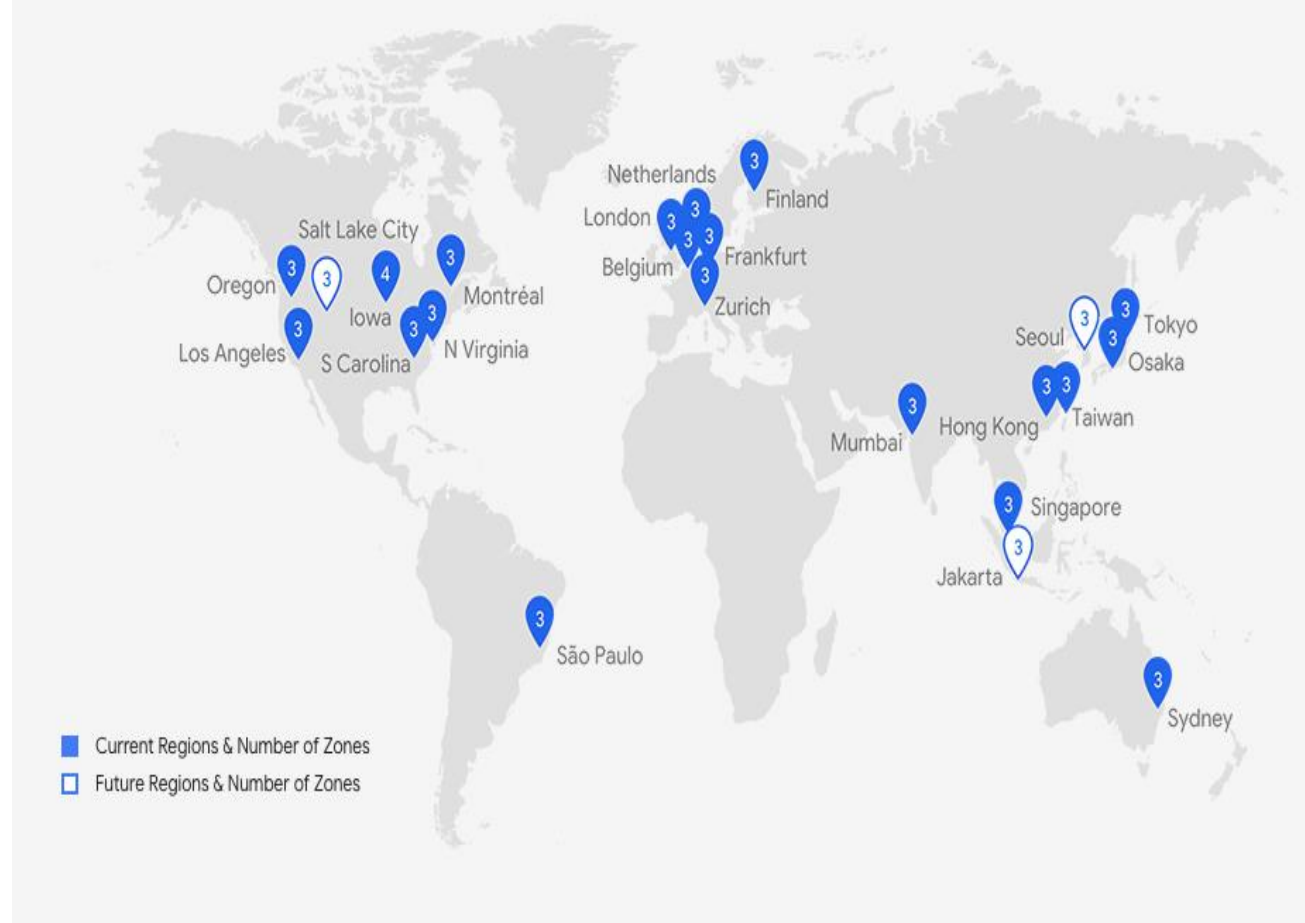
News to build on: 122+ announcements from Google Cloud Next '19



Infrastructure

COMING SOON!

New regions in Seoul and
Salt Lake City

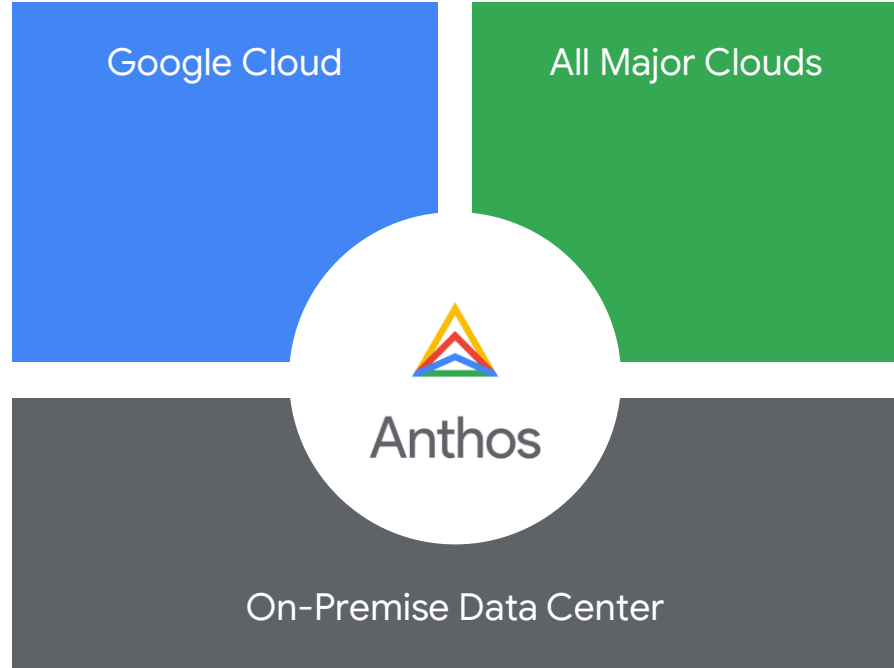


Hybrid Cloud

Google Cloud's Anthos

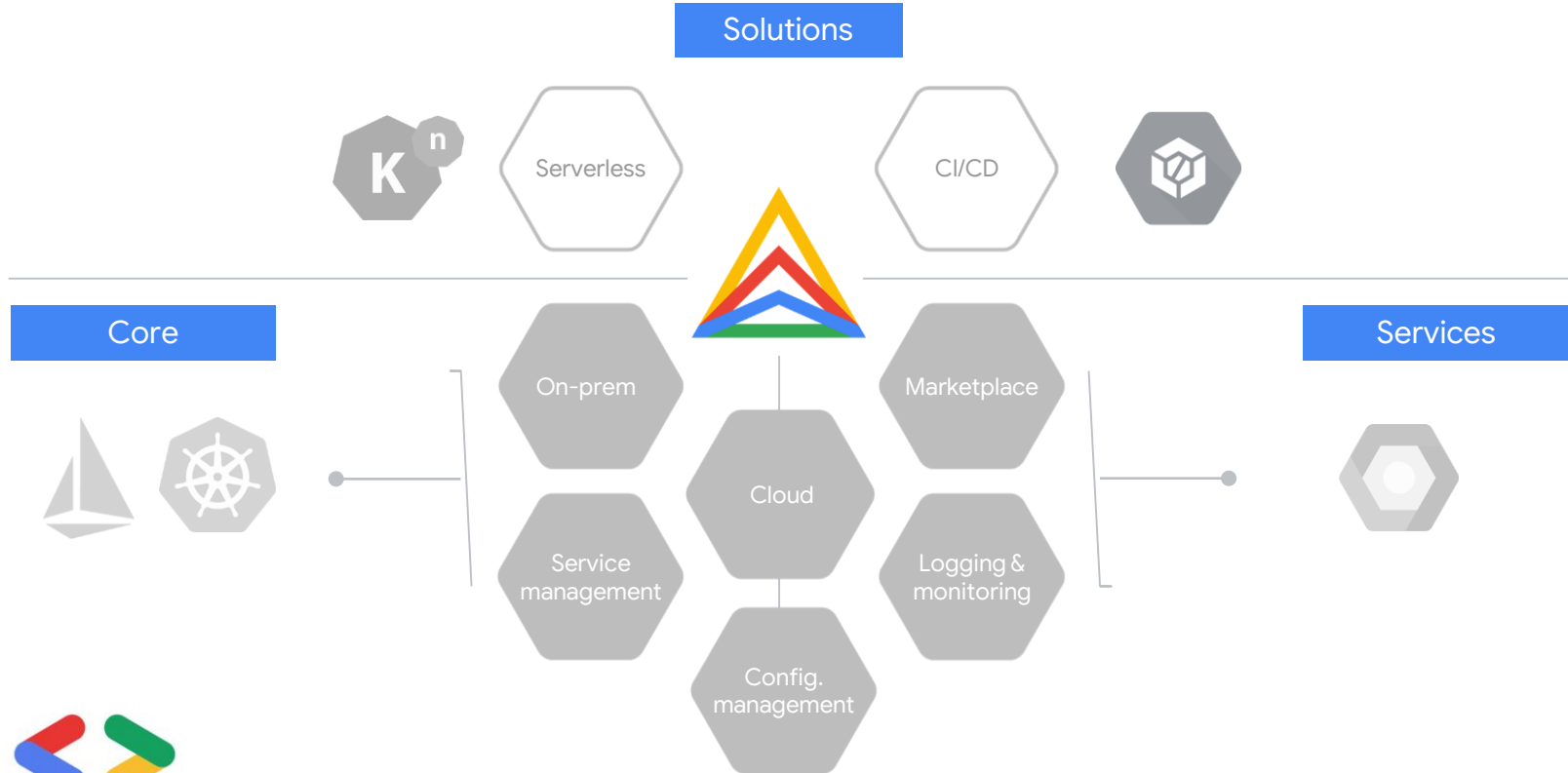
Anthos lets you build and manage modern **hybrid and multi-cloud** applications without lock-in

Build once, to run anywhere, across your existing on-premise infrastructure and all major public cloud providers



Hybrid Cloud

Anthos: Bringing the cloud to you



DevOps

Cloud Code

Everything you need to write, debug, and deploy your Kubernetes applications.

Cloud Code for VS Code (beta)

Focus on writing code during Kubernetes development, not configuration files. Easily extend VS Code for a faster build, deploy, and debug cycle. Templates let you quickly define Kubernetes resource files. Deploy to either local clusters or across multiple cloud providers. Scale from a single service to a multi-service multi-environment app.

Cloud Code for IntelliJ (alpha)

Easily create, update, and maintain Kubernetes resource files within [IntelliJ](#). Build an accelerated feedback loop between your local machine and development cluster. Run Kubernetes wherever works best for you – whether in a local cluster or in the cloud. Plus, you don't have to worry about scaling, so you can stay focused on your code.



Data Management

Database

- Cloud SQL for Microsoft SQL Server
- Cloud SQL for PostgreSQL : now with version 11 support
- Cloud Bigtable multi-region replication now available



Data Management

Storage

- New archive class for Cloud Storage (coming soon) : ~0.0012 GB per month
- Cloud Firestore : generally available with higher throughput
with premium instances : read performance up to 1.2 GB/s throughput and 60k IOPS
- Regional Persistent Disks : provides active-active disk replication across
two zones in the same region



Security & Identity

Security

- **Cloud DLP (Data Loss Prevention) User Interface**
Discover and classify sensitive data by fews click, no code required, and no hardware or VMs to manage
- **Virtual Private Cloud (VPC) Service Control**
allow users to define a security perimeter around Google Cloud Platform resources such as Cloud Storage buckets, Bigtable instances, and BigQuery datasets
- **Cloud Security Command Center : available**
a comprehensive security management and data risk platform for GCP
- **Managed SSL Certificates for GKE**
Give you full lifecycle management (provisioning, deployment, renewal and deletion) of your GKE ingress certificates



Security & Identity

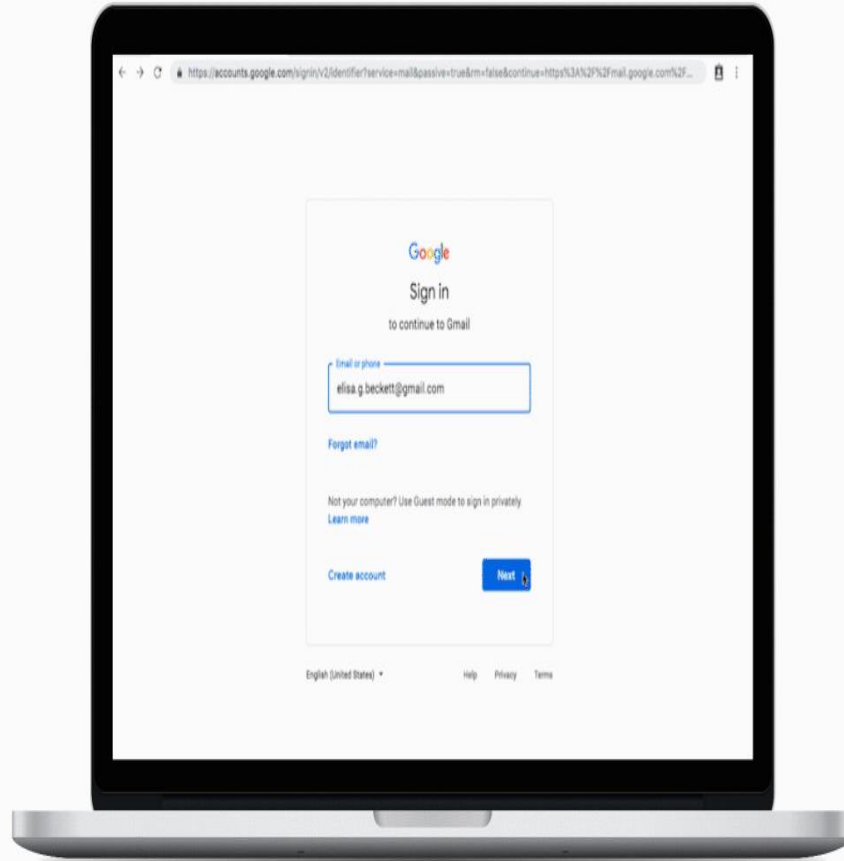
Identity

Android phone's built-in security key

the strongest defense against
phishing
now available on your phone.



GDG Cloud Ho Chi Minh



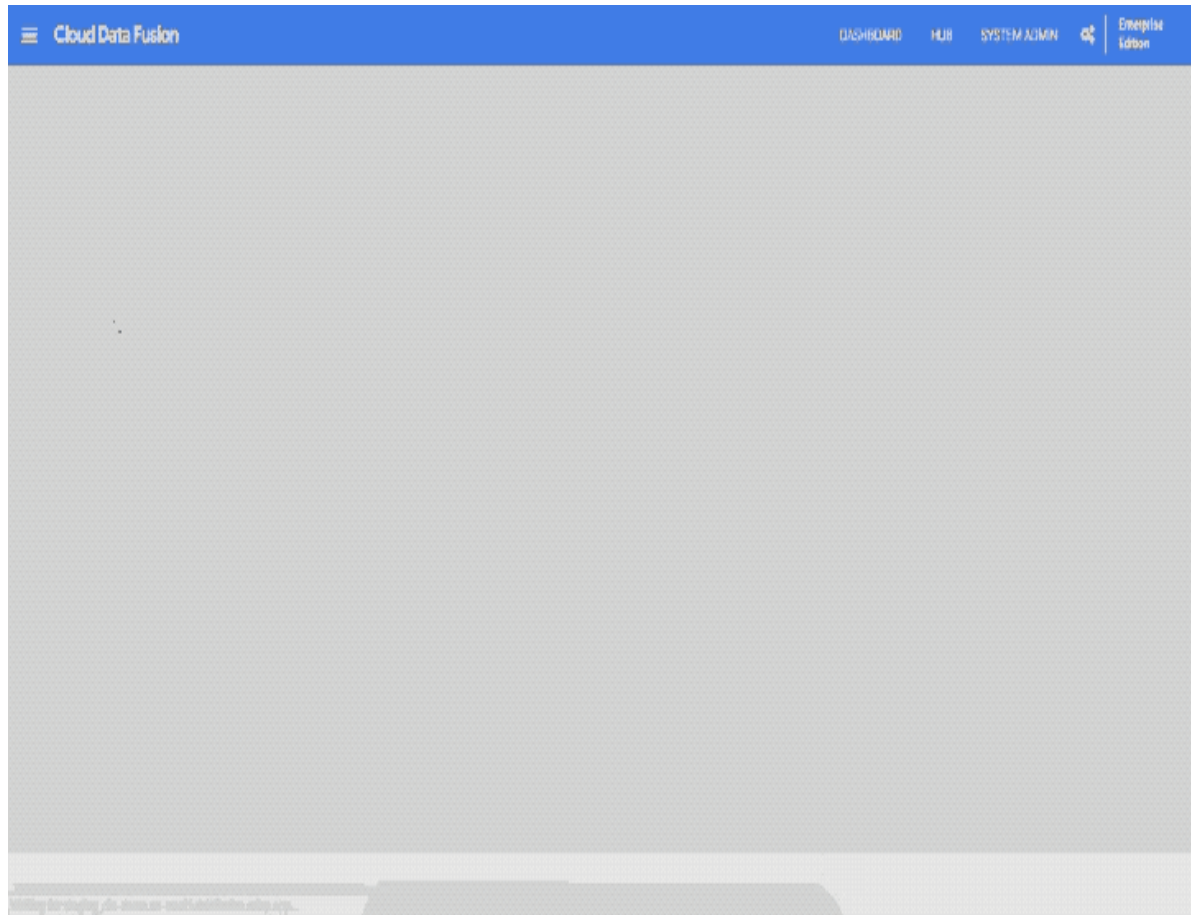
Confidential & Proprietary

Data Analytics

Cloud Data Fusion

Fully managed & cloud-native
data integration service

easily ingest and integrate data
from various sources into BigQuery



Data Analytics

BigQuery

- **BigQuery BI Engine (beta)**
analyze complex data sets interactively with sub-second query response time and with high concurrency
- **Connected Sheet**
can access BigQuery data in Sheets and securely share it with anyone in your organization in few clicks
- **BigQuery ML (GA)**
new model types you can call with SQL queries. also can import TensorModel into BQ
- **Cloud Data Catalog (beta)**
a fully managed metadata discovery and management platform



AI & Machine Learning

- **AI Platform (beta)**
prepare, build, run, and manage ML projects via the same shared interface.
- **AutoML Table (beta)**
Automatically build and deploy state-of-the-art machine learning models on structured data.
- **AutoML Vision Object Detection (beta)**
detect multiple objects in images, providing bounding boxes to identify object locations.
- **AutoML Video Intelligence**
upload your own video footage and custom tags, in order to train models that are specific to your business needs for tagging and retrieving video with custom attributes.



GSuite

- Google Assistant
integrating with Calendar
- Hangouts Meet
including automatic live captions (generally available), the ability to make live streams “public” (coming soon), and up to 250 people can join a single meeting (coming soon).
- Office editing in Google Docs, Sheets and Slides
No need to convert the file



Thank you & Let's Enjoy

