



NEXT2020 WRAP UP

#GCPSketchnote

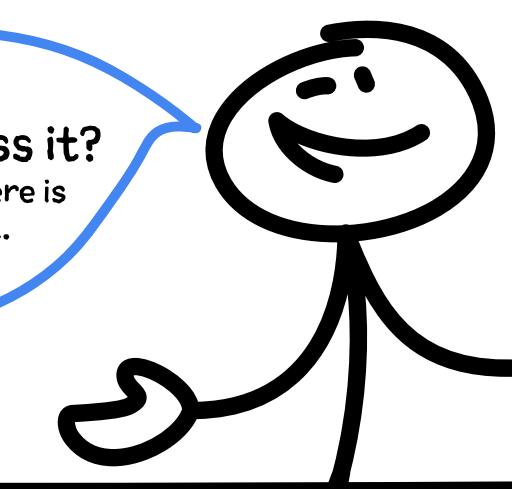


@PVERGADIA

THECLOUDGIRL.DEV

9.14.2020

Did you miss it?
No worries, here is
the TLDR...



INFRASTRUCTURE

- Recent enhancements to Google Cloud's global infrastructure

24 Regions ● + 5 more coming ●

- New GRACE HOPPER subsea cable

New York, USA to Bude, UK & Bilbao, Spain



- Private Service Connect



- Google Cloud Armor

Cloud Armor Managed Protection Plus

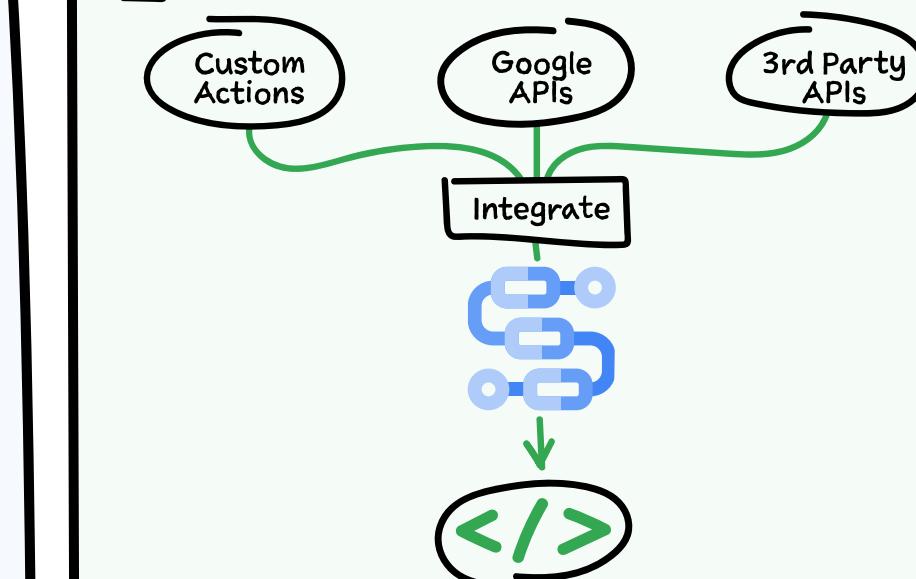


APPLICATION MODERNIZATION

- Anthos Announcements

- Anthos attached clusters
- Anthos for bare metal (beta)
- Anthos Identity Service
- Speech-to-Text On-Prem (GA)

- Workflow (beta)

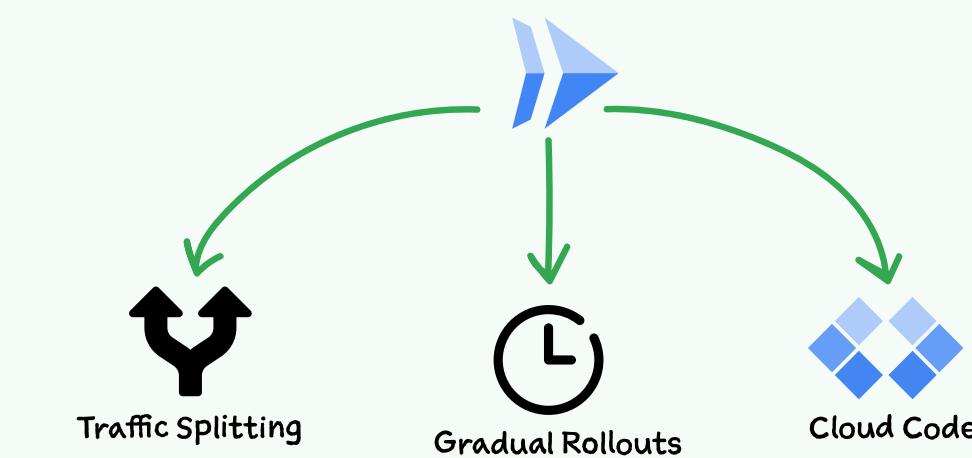


- Artifact registry (beta)

- Manage and secure artifacts in Software supply chain

- Cloud Run Announcements

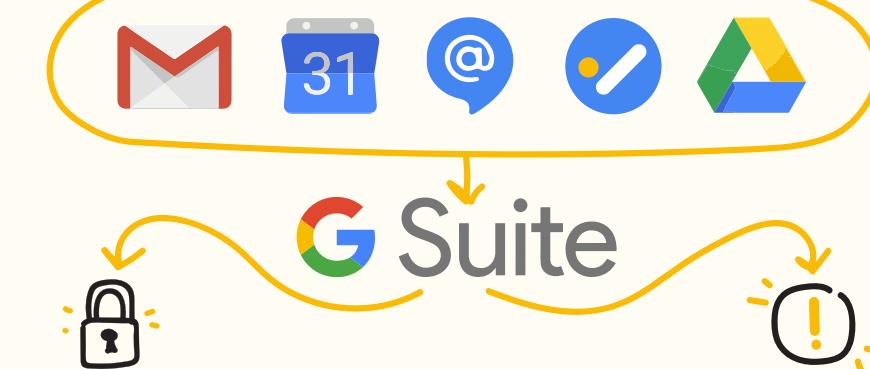
- Supports Traffic splitting & gradual rollouts
- Cloud Run support in Cloud Code IDEs



PRODUCTIVITY & COLLABORATION



- Better home for work
- Security updates
- Dev platform updates

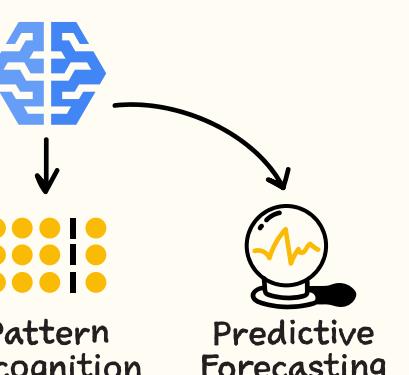


DATA & ANALYTICS



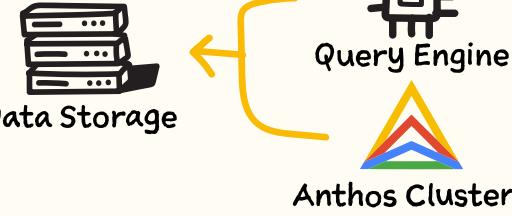
BigQuery

- Real-time AI solutions



- BigQuery Omni (private alpha)

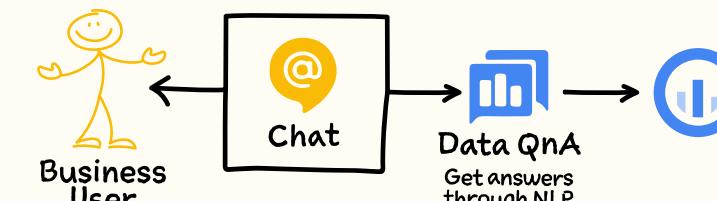
 - Enables hybrid & multi-cloud queries



Anthos Clusters

- Data QnA (private alpha)

 - Get answers through NLP



- Chat

 - Data QnA Get answers through NLP

CLOUD AI

- Improved MLOps experience



- Prediction backend GA
- Managed Pipelines
- Metadata
- Experiments
- Model Evaluation

- Lending Document AI (alpha)



- AI-powered mortgage processing solution

- Dialogflow CX (beta)



- Optimized for large contact centers
- Complex (multi-turn) conversations
- Visual conversation builder

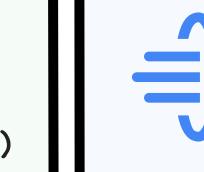
- Looker



- Looker blocks
- Performance & administrative enhancements
- Looker marketplace
- Data dictionary

BUSINESS APPLICATION PLATFORM

- API Gateway (beta)



- Fully-managed solution to build, secure, and monitor APIs

- Apigee data source for AppSheet (GA)



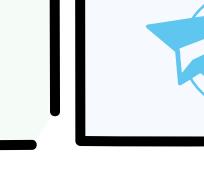
- Helps build apps without coding

- Media Translation AP (beta)



- Provides real-time speech translation from streaming audio data

- AppSheet Automation (early access)

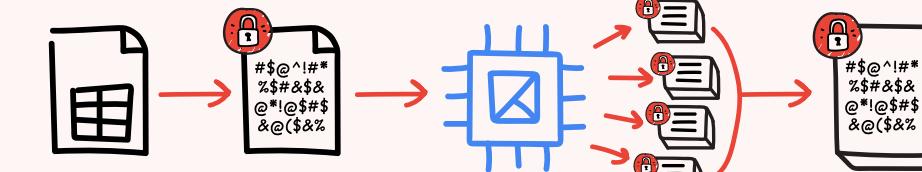


- No-code automation

SECURITY

- Confidential VMs (beta)

- Encrypt data in-use—while it is being processed



- Assured Workloads for Government (private beta)

- Automatic enforcement of data location
- Personnel access
- Built-in security controls
- Automatic enforcement of product deployment location

- Certificate Authority Service (CAS) (beta)



- Simplify and automate the management and deployment of private CAs while meeting the modern needs of developers and applications