Google Cloud

Accelerate application development

Designing, deploying, and scaling applications is faster and simpler on a fully managed development platform. Google Cloud Platform helps free you from managing infrastructure, so that you can focus on building amazing applications that engage and delight your users.

Applications

Google App Engine is a fully managed development platform for creating and deploying applications quickly, with no configuration required, to help you implement agile, continuous integration/ continuous delivery (CI/CD) easily. Scaling happens automatically, and you pay only for what you use. App Engine supports Java, PHP, Python, C#, .Net, Ruby, Node.js and Go, as well as the Grafeas API, which helps maintain security across the development lifecycle.

Functions

Cloud Functions is a serverless environment for building and connecting cloud services at the level of a single function. You can listen and respond to events, like a log change in Stackdriver Logging or a mobile-related events from Firebase. Cloud Functions are written in JavaScript and execute in a standard Node.js runtime environment.

Containers

Google Kubernetes Engine is a managed environment running Kubernetes, the popular container orchestration platform created and open-sourced by Google. Build and deploy open, portable applications while we handle scheduling, autoscaling, and resource management.

Built by developers, for developers

GCP lets you choose from tooling options like Cloud SDK, Cloud Source Repositories, Firebase Test Lab for Android, IntelliJ, Visual Studio and Powershell. We're committed to letting you choose the best tools and platforms to meet your needs, so you can use your own frameworks, runtimes, and code libraries without worrying about compatibility or vendor flexibility.

Related Products

- App Engine
- Cloud Developer Tools
- Cloud Functions
- Cloud Machine Learning APIs
- Cloud SDK
- Cloud Pub/Sub
- Cloud SQL
- Cloud Spanner
- Compute Engine
- Firebase
- Kubernetes Engine
- Stackdriver

Learn More

- **App Engine**
  cloud.google.com/appengine
- **Functions**
  cloud.google.com/functions
- **Container Engine**
  cloud.google.com/container-engine
- **Developer Tools**
  cloud.google.com/products/tools

> " *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