Google Cloud Compute

	Compute Engine	Kubernetes Engine
Language	Any	Any
Service Model	IaaS	Hybrid (IaaS/PaaS)
Scaling	Server Autoscaling	Cluster
Primary Use	VM Workloads	Container Workloads

	App Eng Standard	App Eng Flexible
Language	Java,Python,Go,PHP	Any
Service Model	PaaS	PaaS
Scaling	Autoscaling	Autoscaling
Primary Use	Web/APIs	Web/APIs, Container

	Cloud Functions
Language	Java,Python,Go,PHP
Service Model	Microservices Architecture
Scaling	Serverless
Primary Use	Lightweight Event Actions

Note: GKE is a Container First system while GAE is a Code First system.

Container Differentiators

Containers on GCE: When you absolutely want control over the VM resources also want the benefit of Docker image development.

GAE Standard: Very fast scale-up, scales down to zero, no Docker containers.

GAE Flexible: Code first, developer-focused, simpler to use than GKE.

GKE: Multi-cloud on prem, deep controls over container orchestration.