



BANZAICLOUD

Managed Kubernetes

GKE

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Basics

- Available since 2014. November
- GA since 2015. August
- Latest available k8s version 1.11
- Control plane is free

Availability and options

- Worldwide region support
- Zonal clusters
- Regional (HA control-plane) clusters
- Multiple nodepools to support heterogenous clusters
- Private cluster option
- Cluster create time 3-5 minutes

Availability and options

- Managed worker nodes
- Worker node HA (multi AZ)
- Maximum 100 pods per node
- Maximum 5000 nodes per cluster
- No bare metal nodes
- New worker node startup time 2-3 minutes



Availability and options

- Automatic upgrades with maintenance window
- Worker node auto-repair option
- Network policy support with Calico

GCP integration

- GCP core infrastructure under the hood
- Persistent disks
- Logging and monitoring (Stackdriver)
- Autoscaling (cluster autoscaler)
- Ingress
- RBAC with IAM integration for security and authentication



Questions?!