Google Cloud Compute Services

Introduction to Compute Engine
Creating and Managing Virtual Machine Instances
Introduction to Kubernetes Engine
Introduction to App Engine
Introduction to Cloud Functions

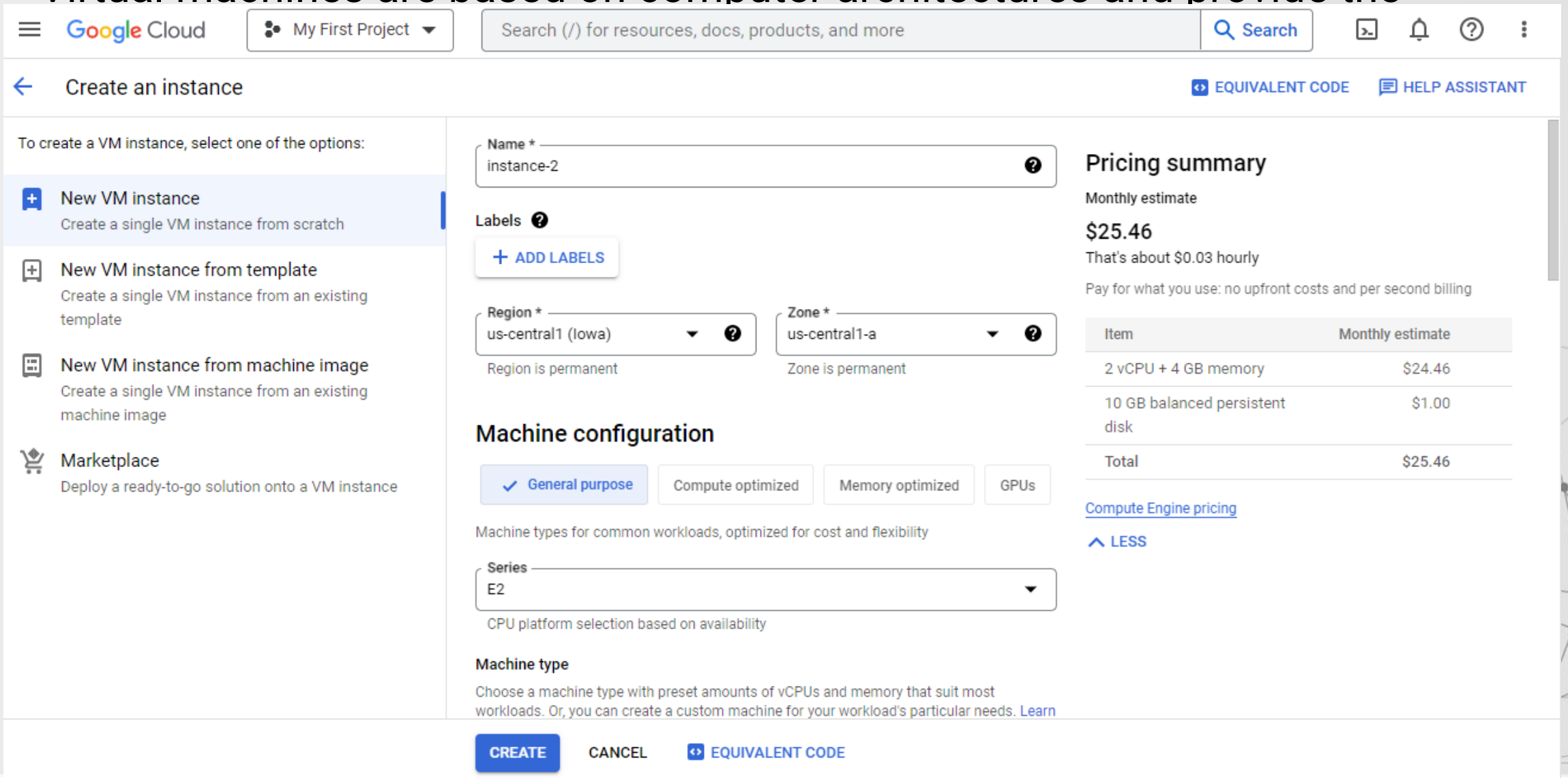
Introduction to Compute Engine

Compute Engine is an Infrastructure as a Service (IaaS) offering that allows users to create and manage virtual machines (VMs) in the cloud. Compute Engine provides scalable and flexible computing resources, enabling users to run their applications and workloads efficiently.

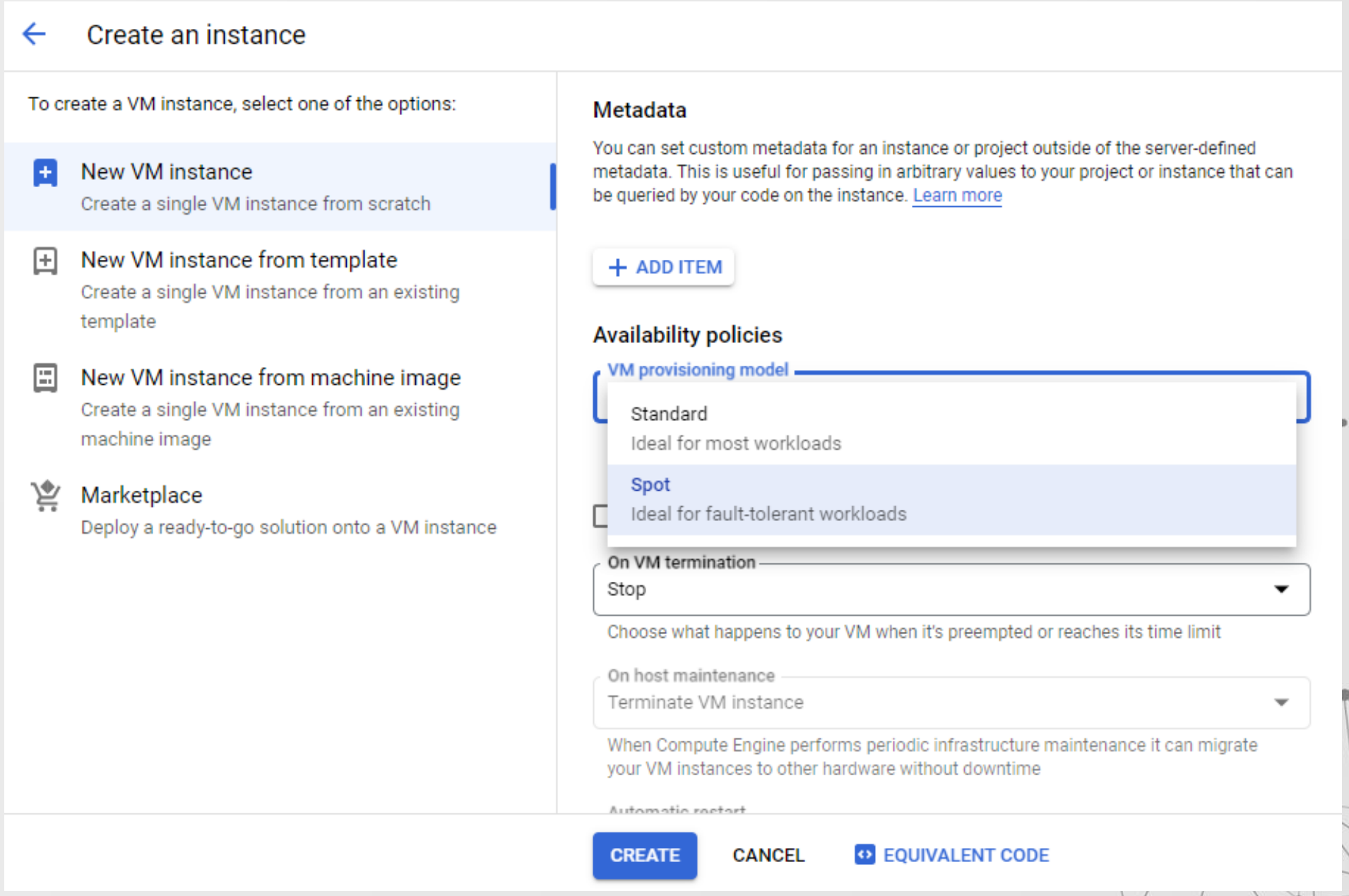
Google Compute Engine

Virtual Machine Instances

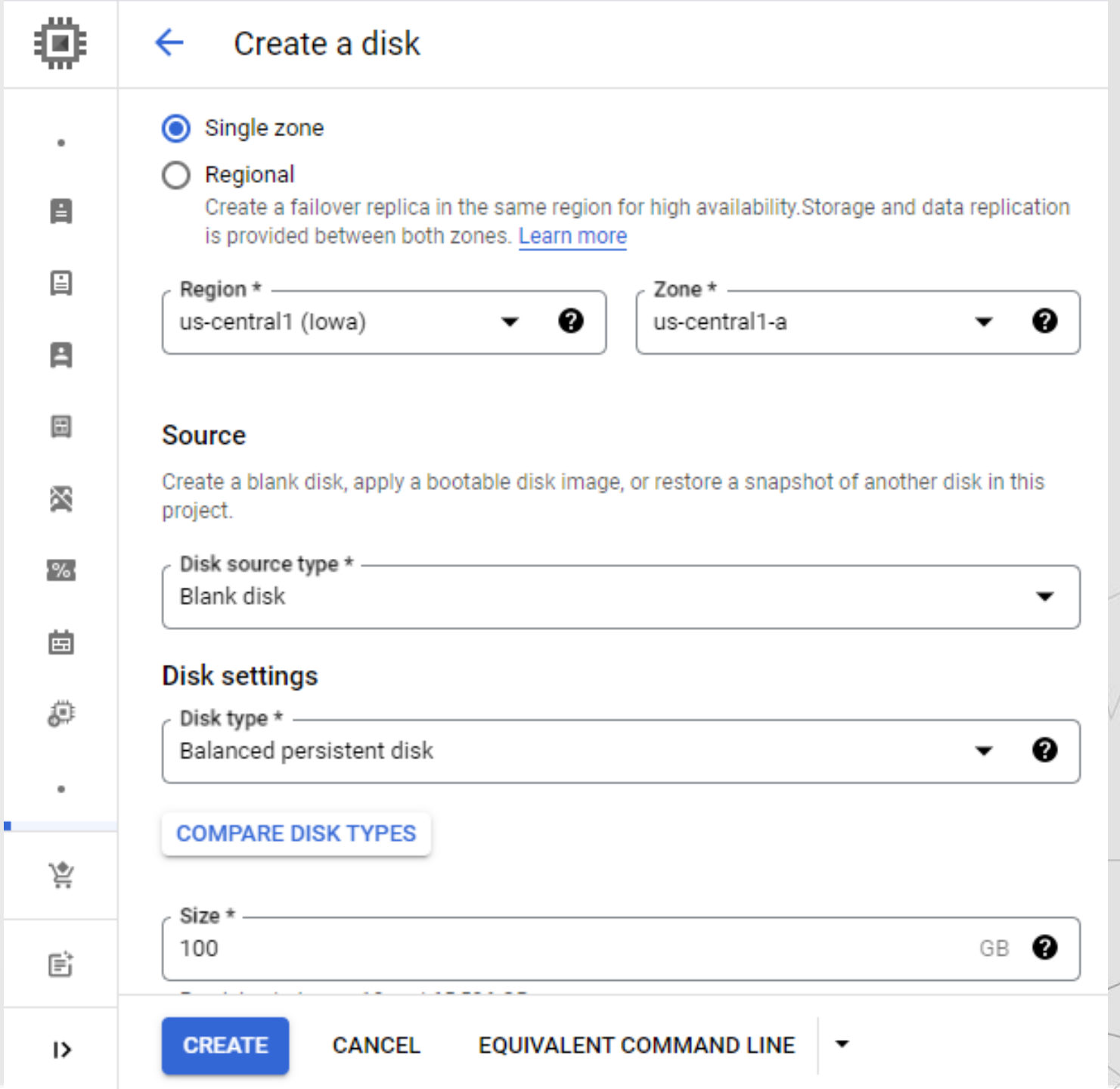
A virtual machine is the virtualization or emulation of a computer system. Virtual machines are based on computer architectures and provide the



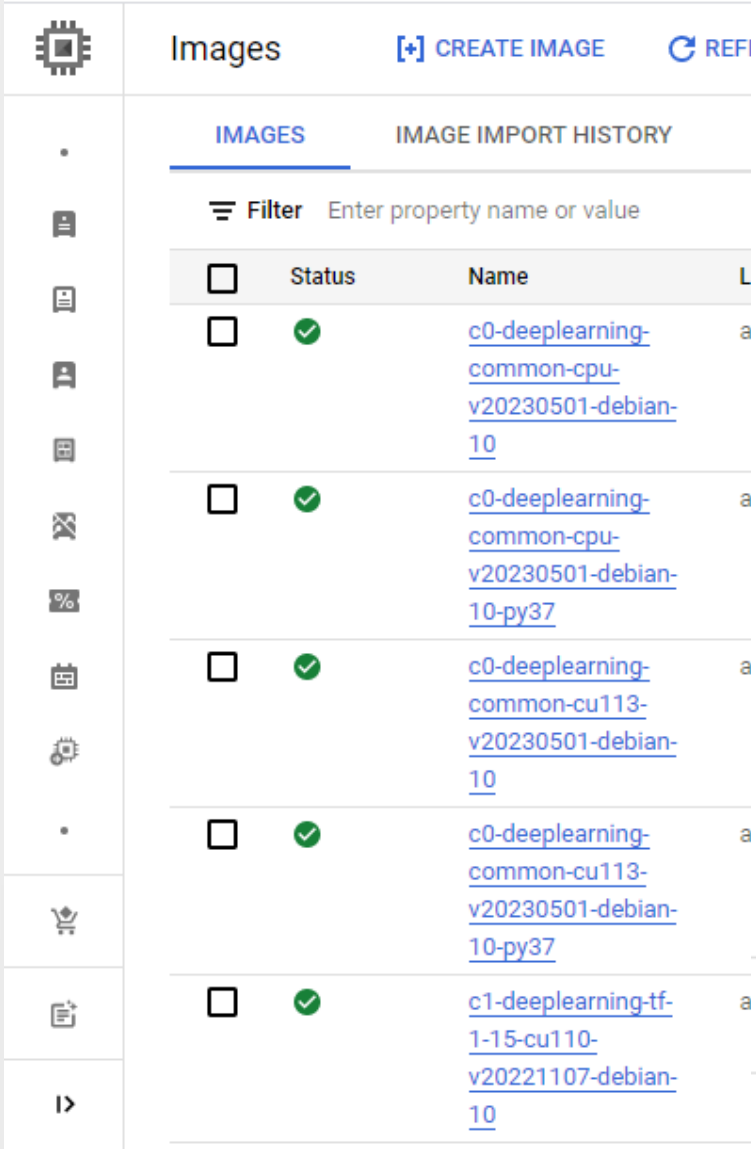
Preemptible Instances

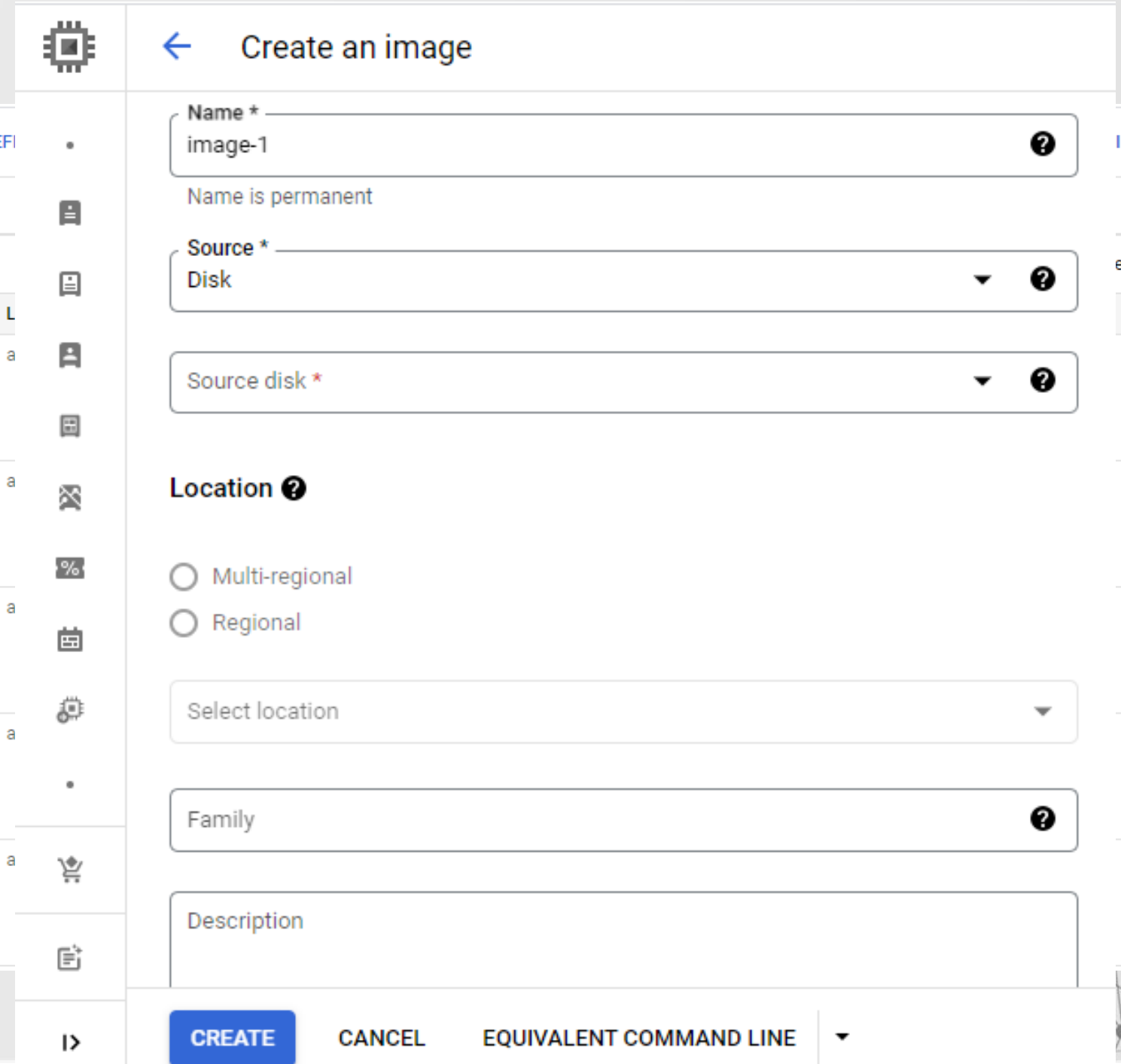


Persistent Disks



Images and Snapshots





Create a snapshot

Snapshots are backups of persistent disks. They're commonly used to recover, transfer, or make data accessible to other resources in your project. Learn more

Name *
snapshot-2
Name is permanent

Description

Source disk *

Type

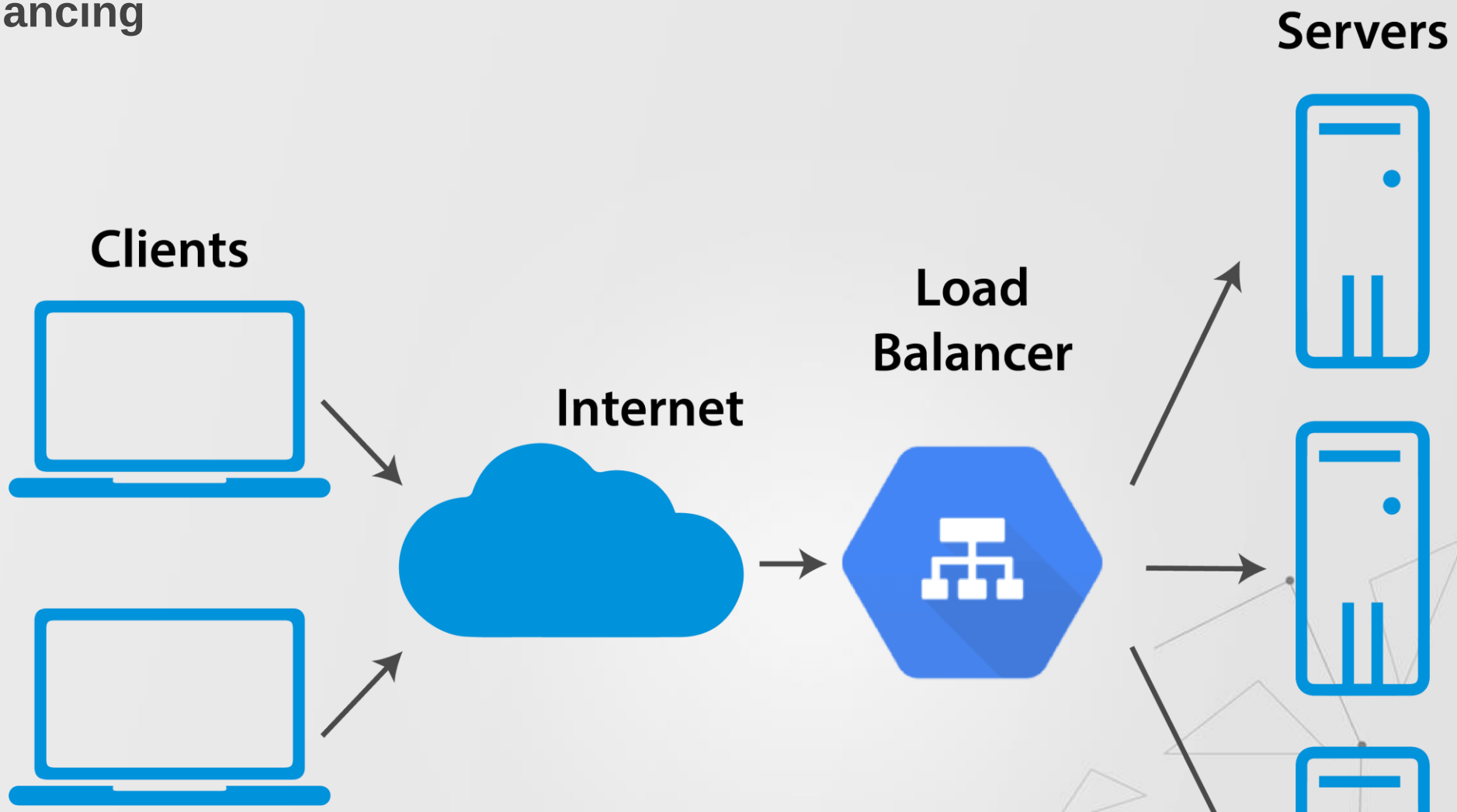
- (•) Snapshot
  Best for long-term backup and disaster recovery
- ( ) Archive snapshot
  Best for cost-efficient data retention

Location

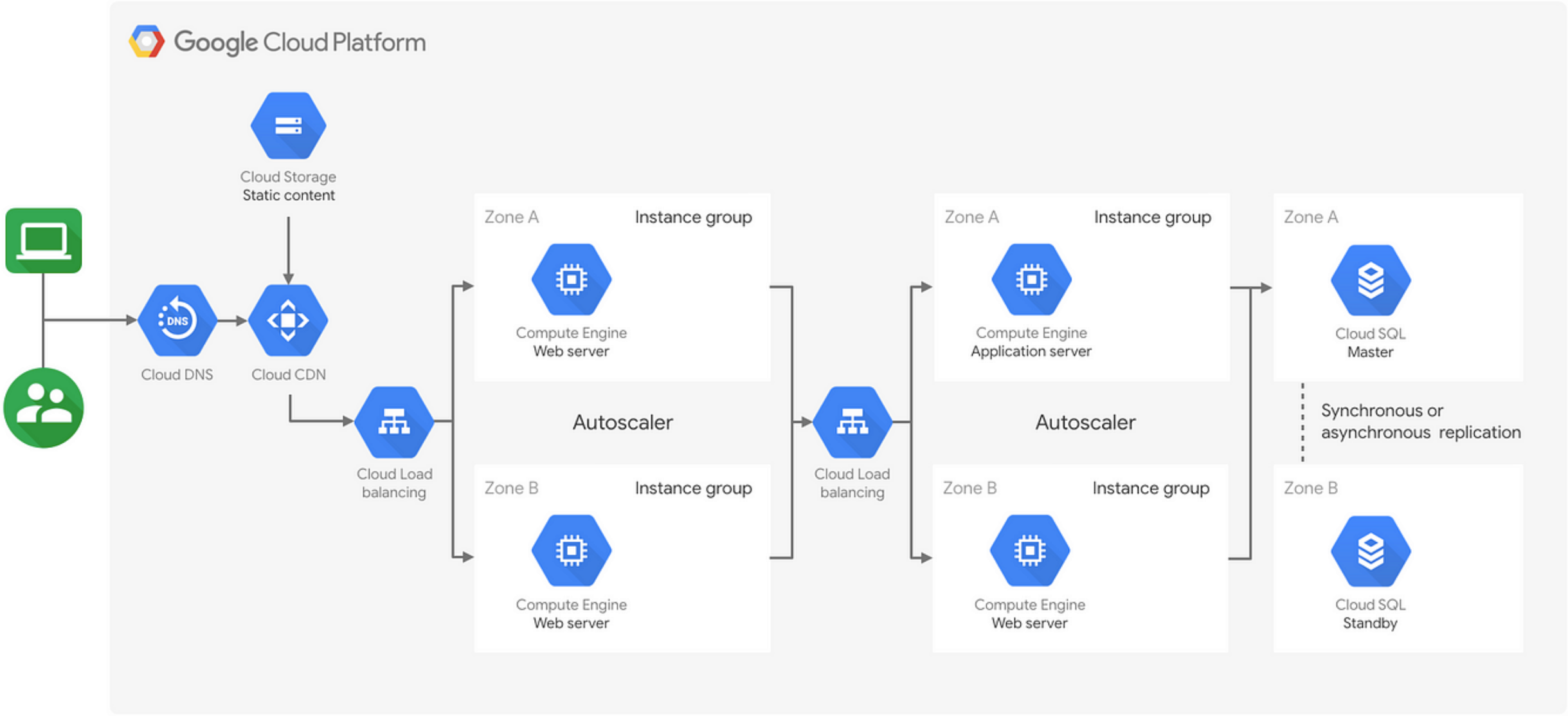
There may be a network transfer fee if you choose to store this snapshot in a location different

CREATE CANCEL EQUIVALENT COMMAND LINE

Load Balancing



Autoscaling



In Conclusion

Flexibility, Scalability and Reliability

Provision and Manage VMs

Access to Google’s Global network infrastructure