# Google Cloud Platform Fundamentals for AWS Professionals Table of Content

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Google Cloud infrastructure

AWS regions, availability zones, and CloudFront

GCP regions, zones, edge caching, and Cloud CDN

**GCP** services

#### Module 2: Setting up Accounts and Billing

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GCP accounts, billing accounts, projects, and admin setup

Account, billing, project, and admin setup

### Module 3: Networking

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GCP networks, subnets, routes, and firewall rules

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#### Module 4: Working with VM Instances

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Google Compute Engine machine types, instances, persistent disks, local SSDs, preemptible VMs

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#### Module 5: Scaling and Load Balancing Apps

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#### Module 7: Using Storage as a Service and Database as a Service

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## Module 8: Deployment and Monitoring

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Google Cloud Deployment Manager, Google Stack-Driver

Virtual Classroom Live Labs

Lab: Set up projects and billing accounts with a free-trial GCP account

Lab: Add VMs, explore the default network, and test connectivity

Lab: Deploy VMs with an app by console and command line

Lab: Scale and load balance instances and test under load

Lab: Build a 3-tier web app with public front-end and private backend

Lab: Use gsutil command-line tool to perform operations on buckets and objects in Cloud Storage

Lab: Load and analyze data in Big Query

Lab: Deploy your infrastructure using Deployment Manager