

Google Cloud Engineer TOC

Cloud Computing Overview

- Introduction to Cloud Computing
- Types of Cloud Computing
- Advantages of Cloud Computing
- Disadvantages of Cloud Computing
- Google Cloud Platform Overview

Introduction to GCP

- GCP Services Overview
- GCP Regions and Zones
- GCP Pricing and Billing
- GCP Free Tier
- Setting Up Google Cloud Platform

Creating a GCP Account

- Creating a GCP Project
- GCP Console Overview
- Enabling APIs
- Creating and Managing GCP Users and Groups
- Compute Engine

Creating and Configuring Virtual Machines

- Customizing Virtual Machines

Snapshots and Images



- Autoscaling Virtual Machines
- Load Balancing Virtual Machines
- Google Kubernetes Engine

Introduction to Kubernetes

- Kubernetes Architecture
- Creating a Kubernetes Cluster in GCP
- Deploying Applications on Kubernetes
- Storage in GCP

Introduction to GCP Storage

- Cloud Storage
- Cloud SQL
- Cloud Spanner
- Cloud Datastore
- Cloud Bigtable
- Networking in GCP

GCP Virtual Private Cloud (VPC)

- Subnets and IP Addresses
- GCP Firewall Rules
- GCP Routes
- GCP VPN and Interconnect
- Load Balancing in GCP



HTTP(S) Load Balancing

- SSL Proxy Load Balancing
- TCP Load Balancing
- Network Load Balancing
- Managing Applications in GCP

Google App Engine

- Google Cloud Functions
- Deploying Applications with Cloud Build
- Managing GCP Services

Stackdriver Logging and Monitoring

- Cloud Trace
- Cloud Debugger
- Cloud Console
- Cloud IAM
- Security in GCP

Introduction to GCP Security

- Identity and Access Management (IAM)
- Service Accounts
- Security Command Center
- Cloud Armor
- GCP Certification Preparation



Tips for Taking the Exam

Practice Exam Questions and Answers Exam Preparation Checklist

This is an outline of topics typically covered in Google Cloud Engineer training, and the specific content and order of topics may vary depending on the course or program.



info@sunshnelearning.in



+919310127274



sunshinelearning.in