

# (GCP) Google Cloud Platform



## Google Cloud Platform Introduction

Google cloud platform Overview  
Cloud Architect Certifications Overview

## Google Cloud - Interactions

Cloud Console, Shell  
GCP Mobile App

## GCP Development Tools

GCP Development Tools - Cloud SDK, Repositories, Plugins

## GCP : Compute Service

Introduction to Google Compute Service - Compute, App, Container & Functions  
Google Compute Engine (GCE)  
Google Compute Engine (GCE) - Machine Types  
Google Compute Engine (GCE) - Other Concepts  
Google Compute Engine - Linux Machine Demo  
Google Compute Engine - Windows Machine Demo  
GCE - Load Balancing & Auto Scaling Overview  
Load Balancer, Auto Scaling & High Availability illustrations  
Google App Engine - GAE  
Google Container Engine - GKE  
Google - Cloud Functions - GCF

## GCP : Storage and Database Service

GCP : Storage and Database Service Overview  
Cloud Storage - GCS  
Google Persistent Disk - PD  
Google Cloud SQL  
Google Cloud SQL : MySQL  
Google Cloud SQL : PostgreSQL 06:02  
Google Cloud Spanner BigTable

Google DataStore

## **Google Cloud Platform Networking Part 1 Virtual Private Cloud**

- GCP Networking Products Overview
- GCP : Virtual Private Cloud - VPC
- GCP : Virtual Private Cloud - Subnet
- GCP : Virtual Private Cloud - IP Address
- GCP : Virtual Private Cloud - Routes and Firewall Rules
- GCP : Virtual Private Cloud - Shared VPC
- GCP : Virtual Private Cloud - Quotas and Limits
- GCP : Virtual Private Cloud - Bastion Host
- GCP : Virtual Private Cloud - Nat Gateway

## **Google Cloud Platform Networking Part 2 : Interconnect VPN CDN DNS**

- GCP Interconnect Overview GCP
- Interconnect : Cloud VPN GCP
- Interconnect : Cloud Router GCP
- Dedicated Interconnect , Peering
- GCP : Virtual Private Cloud , Cloud Interconnect, Cloud VPN,  
Router, CDN, DNS

## **Identity and Security Management**

- GCP : Identity & Access Management
- Google Cloud Security
- Google Key Management Service - KMS
- GCP : Cloud Security Scanner

## **Google Cloud Platform Management Tools**

- Introduction to Management Tools
- StackDriver Monitoring StackDriver
- Logging
- StackDriver Error Reporting Debugging and Trace
- Deployment Manager and Cloud Endpoint

## **Google Cloud Platform BigData Offerings**

Google BigData Solutions

## **Google Machine Learning Offerings**

Google AI and Machine Learning Solutions

## **Designing Cloud Applications**

Designing Cloud Applications Aspects