

# (GCP) Google Cloud Platform



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## 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



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## **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

