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Google Cloud Certification Training - Cloud Architect course provides in-depth knowledge and skills of all the GCP services in networking, databases, containers, virtual machines, storage and more. This course is designed to help the delegates in passing Professional Cloud Architect- Google Cloud Certification.

Google Cloud Certification Training - Cloud Architect course is designed to impart knowledge about various components of the Google Cloud Platform. This training course prepares delegates for Google Certified Professional Cloud Architect exam.

This certification helps the delegates in achieving:

- The ability for demonstrating skills and knowledge essential in designing and deploying projects effectively
- Appreciation and visibility for their skills and knowledge
- Credibility with employers

Prerequisites

The professionals who wish to attend this course should have knowledge of software or information technology or infrastructure.

Course Objectives

During the training program, the delegates will learn the following:

- Planning and designing architecture of cloud solution
- Effectively managing implementations of cloud architecture
- Ensuring solution and operations consistency
- Analysing and optimising technical and business processes
- Designing security and compliance

Key GCP Highlights:

- GCP is the fastest developing public cloud platform services globally
- In 2017, the growth rate was found to be 150%. In 2018, the Google is investing highly on GCP all around the world
- Not only this, Google has committed several data centres and point of presence across the globe
- GCP also introduces compute platform, storage, database, security and other services for enterprise
- Moreover, Google has private fibre optic cable around the globe

Benefits of Google Cloud Certification Training - Cloud Architect:

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- The delegates will receive a certification credential which is a logo badge and title that can be used in business cards for showing that they are GCP Certified
- It also provides cloud computing services which allow business to build sophisticated and scalable applications.
- Learning these services is crucial for professionals or businesses who are working with them in their day-to-day life

Introduction to Google Cloud Platform

- Google Cloud Platform
- Cloud Architecture Certifications
- Case studies for Cloud Architect

Interactions in Google Cloud

- Cloud Console
- Cloud Shell
- GCP Mobile App

GCP Development Tools

- Cloud SDK
- Repositories
- Plugins

GCP: Computer Service

- Overview of Google Computer Service
    - Compute
    - App
    - Container and Functions
- Google Compute Engine
    - Machine Types
    - Other concepts
    - Linux Machine Demo
    - Windows Machine Demo
    - Load Balancing and Auto Scaling
- Google App Engine
- Google Container Engine
- Google- Cloud Function
- Google Computer Service

GCP : Storage and Database

- GCP : Storage and Database Service
- Cloud Storage- GCS

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- Google DataStore

Google Cloud Platform- Networking Part 1: Virtual Private Cloud

- Overview of GCP Networking products
- 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

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

Identity and Security Management

- GCP: Identify & Access Management
- Google Cloud Security
- Google Key Management Service
- 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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