

Google Cloud Platform Data Storage Overview

Modality: Self-Paced Learning

Duration: 2.5 Hours

SATV Value:

CLC:

NATU:

SUBSCRIPTION: Learn, Master, Master Plus

About this course:

During this course we will cover storage requirements around Google Cloud Platform which has you enterprise covered. GCP offers object storage for different needs and price points as well as managed MySQL and globally-scalable NoSQL databases. Our archival storage provides industry-leading pricing with the performance of disc.

Course Objective:

This course will help you identify the solutions that fit your scenarios, whether they are mobile applications, hosting commercial software, data pipelines, or storing backups.

- Why use GCP Storage and database products?
- Higher Productivity is gained through Quick Access to Innovation: G
- Less Disruption is Caused When Users Adopt New Functionality:
- Employees Can Work From Anywhere
- Google Cloud Allows Quick Collaboration
- Customers are protected by Google's Investments in Security
- Less Data has to be stored on Vulnerable Devices
- Customers get Higher Uptime and Reliability
- Control and Flexibility Available to Users
- Google's Economies of Scale Let Customers Spend Less

Audience:

- Cloud Software Engineer.

Prerequisite:

- There are no prerequisites required for this course

Course Outline:

Intro To Google App Engine Data Storage

- GCP Data Storage Course Overview
- GCP Data Storage Service Portfolio Overview

Cloud Storage Products

- GCP Cloud Storage Overview
- GCP Cloud Storage Options and features Overview
- Demo - GCP Cloud Storage Create a bucket - Part 1
- Demo - GCP Cloud Storage Create a bucket - Part 2
- GCP Cloud SQL overview
- Demo - Cloud SQL Services Startup
- GCP Cloud DataStore Overview
- GCP Cloud Bigtable Overview
- GCP Cloud Spanner Overview
- GCP Cloud SQL or Spanner?
- GCP Persistent Disks Use Cases
- Data Storage Migration to GCP
- DEMO - Performing a region to region bucket migration
- Cloud Storage Fuse

Monitoring Your Resources

- Stackdriver Demo
- Stackdriver Cloud Storage Monitoring
- Stackdriver Monitoring Agent Install

Resources to review

- Using Qwiklabs to Learn Google Cloud Solutions
- Using Codelabs to learn Google Cloud Solutions
- Pricing Calculator
- GCP Asset Library
- GCP Free Tier
- Install SDK
- Course Closeout