QUICKSTART
Over 35 Years Of Technology Training

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Learning Style: On Demand

Provider: Microsoft

Difficulty: Beginner

Course Duration: 2.5 Hours

Google Cloud Platform Data Storage Overview

About this course:

This course includes an overview of the storage requirements of the Google Cloud Platform.The Google Cloud platform has a wide range of object storage options for an array of multiple needs along with various pricing ranges. These are managed by MySQL and the globally scalable NoSQL databases.

The archival storage prides itself on the best prices in the industry with the performance of disc.

Course Objective:

Upon completion of this course, the participant should have an advanced skill set and a sound working knowledge of the following principals while also be able to;

- Recognize and determine solutions which will fit given scenarios irrespective of whether it is a mobile application, hosting a commercial software, data pipelines or storing backups.
- Determine why GCP storage and database products should be chosen
- Realize how and why greater productivity is gained through Quick Access to Innovation
- Learn that the adoption of a new function leads to less disruption
- Understand how employees can work remotely
- Understand how a quick collaboration can be achieved via Google cloud
- Understand how customers benefit from better security due to Google's investment in security
- Realize that the customer's data is more secure since it is stored less and less on vulnerable devices
- Understand how customers benefit from a higher uptime and advanced reliability
- Explain how more control and greater flexibility is available to users and how it benefits them
- Explain how customers have an economical option where they can work with low costs due to Google's Economies of Scale

Audience:

This particular course is aimed at the following audience;

- Cloud Software engineers

Pre-Requisites:

There are no prerequisites which are absolutely necessary to be eligible to take 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

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