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# Google Cloud Platform Architect Training

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## Course Curriculum:

### Lesson 01 :-

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- Introduction to Google Cloud for Techs GCP Introduction

### Lesson 02 :-

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- Google Cloud - Introduction to GCP Google Cloud - Introduction to GCP GCP - Signup process (If you are from Europe then this might clear some doubts) Demo - GCP- Web console (Projects, billing)

### Lesson 03 :-

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- Google Cloud IAM - (Identity and Access Management) Google Cloud IAM - (Identity and Access Management) Demo - Add IAM Member Demo- Custom Role Demo - IAM Hierarchy

### Lesson 04 :-

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- Google Regions and Zones Google Regions and Zones

### Lesson 05 :-

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- Google Cloud - Virtual Machine Google Cloud - Virtual Machine Demo - VM (Preemptible, gcloud, Committed Discount etc.,) GCP - VM Image and Snapshot Demo - VM (Image, Snapshot and Cloning)

### Lesson 06 :-

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- Networking (VPC) Networking (VPC) VPC Introduction Demo - Create VPC Demo
- Multiple NICs on VM VPC Peering Demo - VPC Peering

### Lesson 07 :-

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- Google Cloud Load balancer and Autoscaling Google Cloud Load balancer and Autoscaling
- Demo- Load balancer and Autoscaling.

### Lesson 08 :-

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- CDN - Content and Delivery Network CDN - Content and Delivery Network CDN - Flushing the Cache and Restrictions CDN - How to avoid excessive billing Demo - Enabling CDN Demo - Invalidating the cache in CDN

### Lesson 09 :-

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- Google Cloud Storage - Cloud SQL Google Cloud Storage - Cloud SQL Cloud SQL
- Introduction Cloud SQL - High Availability Intro Demo - Cloud SQL - Create and Connect (Check that DB Flag!) Demo - Cloud SQL - High Availability

### Lesson 10 :-

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- Cloud Storage - Datastore Cloud Storage - Datastore How Datastore Scales using Bigtable Consistency in Cloud Datastore Demo - Cloud Datastore Demo - Entity Group in Datastore

### Lesson 11 :-

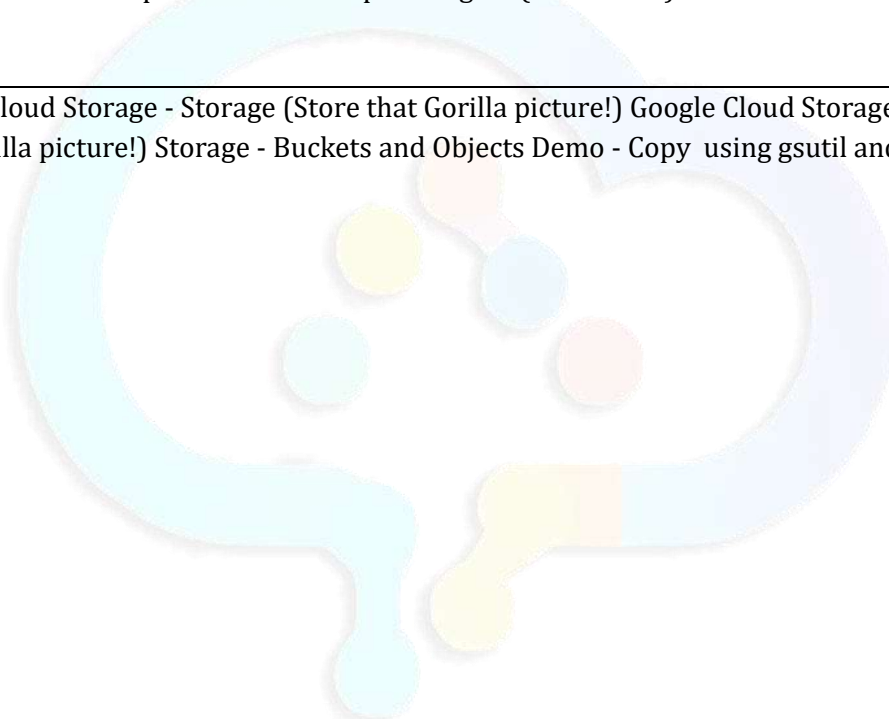
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- Cloud Storage - Spanner Cloud Storage - Spanner Spanner Data Types and Models Demo - Spanner Demo - Connect to Spanner from Compute Engine (IAM + PHP)

### Lesson 12 :-

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- Google Cloud Storage - Storage (Store that Gorilla picture!) Google Cloud Storage - Storage (Store that Gorilla picture!) Storage - Buckets and Objects Demo - Copy using gsutil and store that Gorilla.



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