**General Topics:**

1. CAP Theorem
2. Shared Nothing Vs Shared Everything Vs Shared Disk Architecture
3. Virtualization, Hypervisor, Types
4. Docker-  
   1. Images  
   2. Containers  
   3. Basic Commands

GCP

Please Read documentation, watch some practice videos and replicate that using your trial account.

1. **Resource Hierarchy:** [**https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy**](https://cloud.google.com/resource-manager/docs/cloud-platform-resource-hierarchy)
2. **Compute Engine:** [**https://cloud.google.com/compute/docs**](https://cloud.google.com/compute/docs)
3. **Google Cloud Storage:** [**https://cloud.google.com/storage/docs**](https://cloud.google.com/storage/docs)

YouTube

### [**VPC Service Controls, cloud storage perimeter**](https://www.youtube.com/watch?v=q8jplbdMHC8&pp=ygUYdnBjIHNoYXJlZCBwZXJpbWV0ZXIgZ2Nw)

### <https://youtu.be/q8jplbdMHC8?si=HxDC__RW6BOJmAwg>

### [Exploring Automatic DLP for BigQuery](https://www.youtube.com/watch?v=e4-VN42IQRE)

### [Building ETL Pipelines Using Cloud Dataflow in GCP](https://youtu.be/g9OqgYS6ICI?si=RZuwSlFCQBOnl3NW)

### [Seamless Data Integration: ETL from Google Cloud Storage Bucket to BigQuery with Cloud Functions](https://youtu.be/CHk_jlS_A8I?si=QIglFTej97IoRJSV)