

# INTRODUCTION TO GCP STORAGE



- Storage is one of the basic building blocks
- Storage services provides persistence and durability to applications
- Storage services are classified into three types
  - Cloud storage
  - Persistence disk
  - File store

# GOOGLE CLOUD STORAGE (GCS)



- It is the object storage service
- GCS is the unified object storage for variety of applications and it serves as the foundation of several services
- Objects are stored in containers called buckets.
- Applications can store and retrieve objects through APIs
- It provides some very interesting out-of-the-box features such as object versioning or fine-grain permissions (per object or bucket)
- Data can be stored in single region, dual-region and multi-region
- GCS can be scaled to from few bytes to exabytes of data
- GCS provides 99.999999999% annual storage durability

# GOOGLE CLOUD STORAGE – STORAGE CLASS

- There are 4 storage classes that are based on budget, availability and access frequency

