

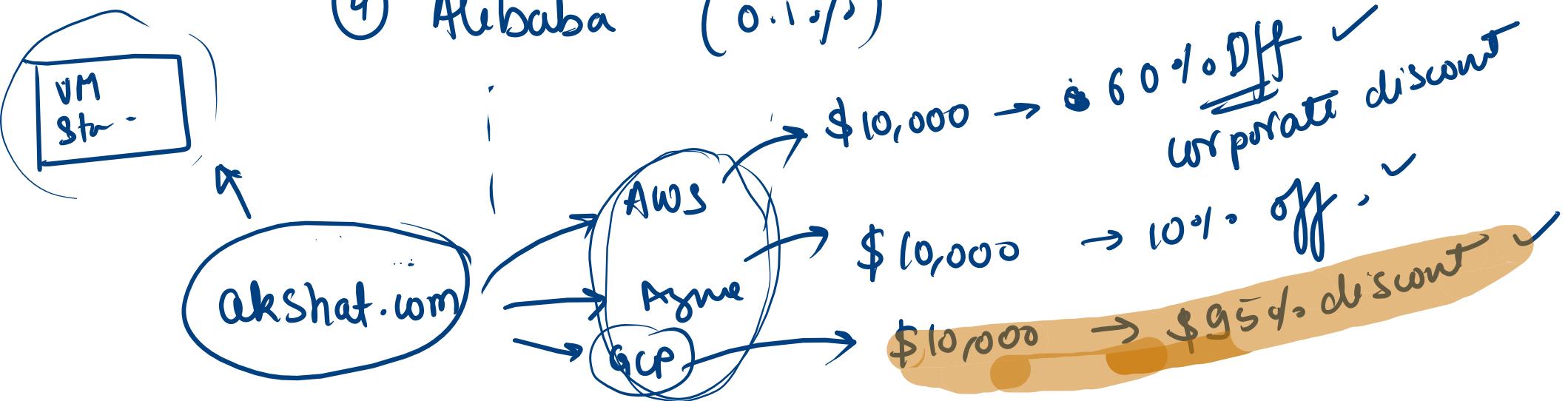
Cloud providers

① AWS (Amazon web services) (35%) ✓

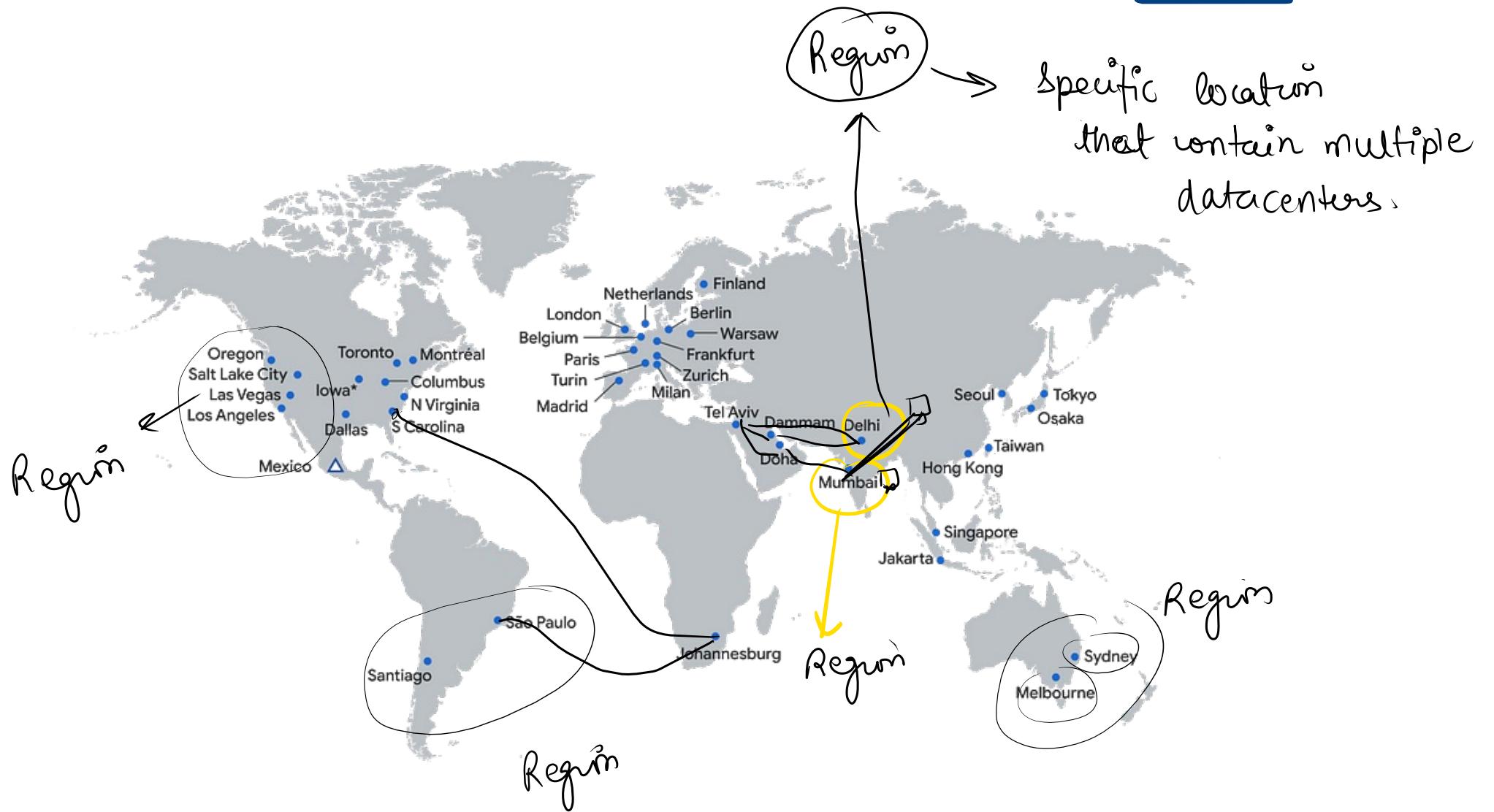
② MS Azure (20%) ↓ (X)

③ GCP (Google cloud provider) (8-9%) → More efficient.
More difficult.

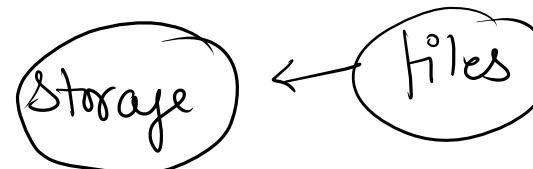
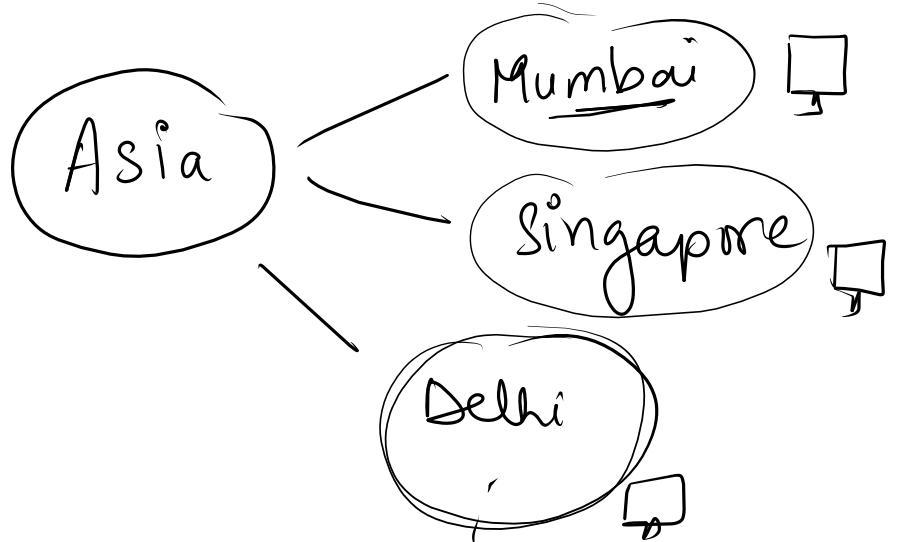
④ Alibaba (0.1%)



Global Intra

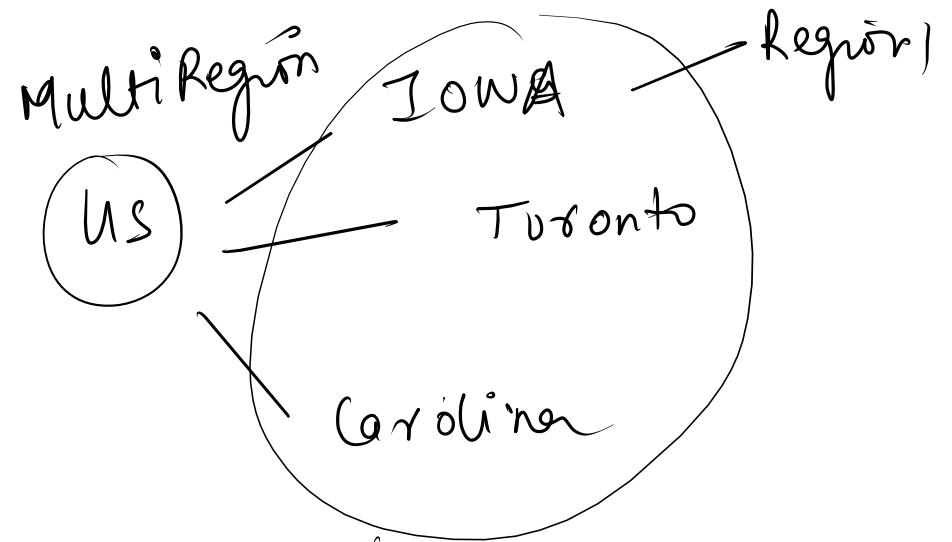


- Multi-Region → A multi-region is a geographically distributed setup across two or more regions.
- It offers high availability & durability by replicating data in multiple regions.

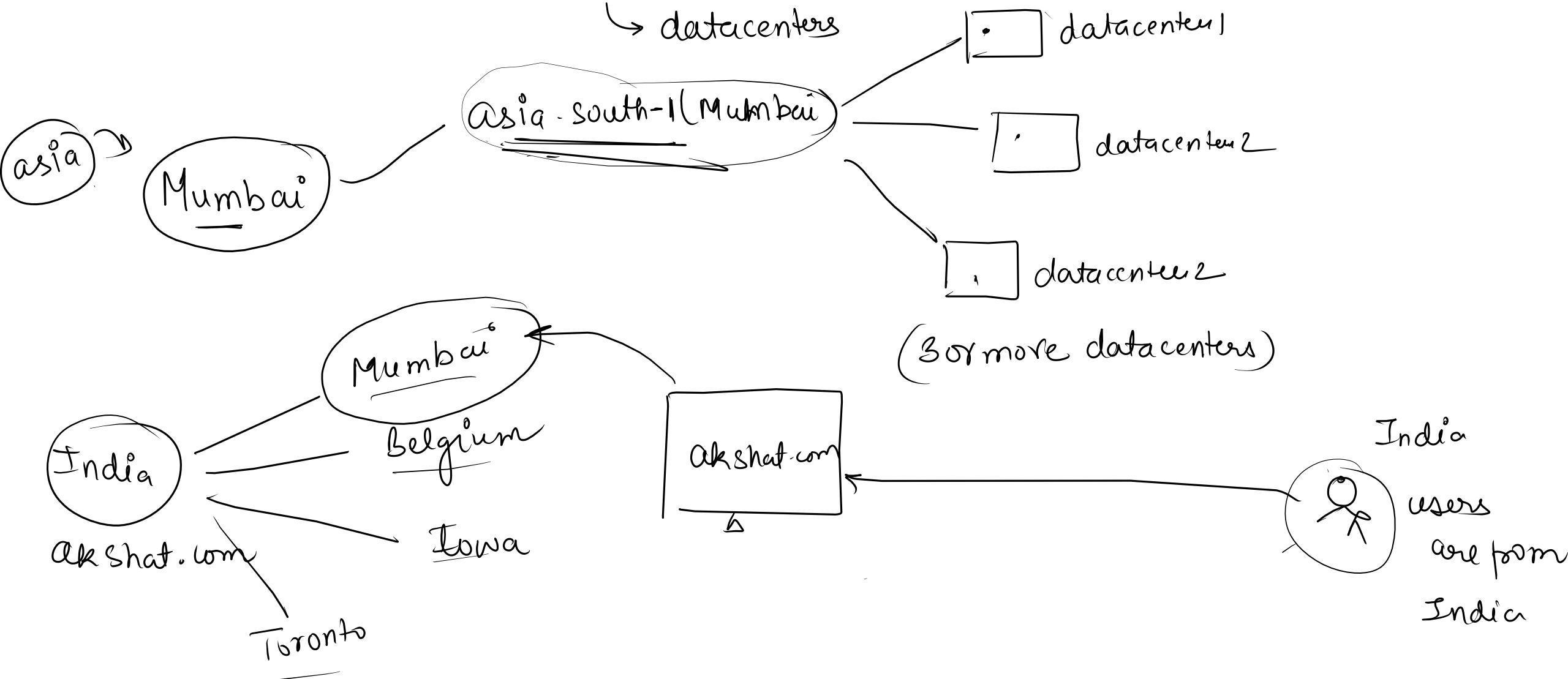


Use case

Store data in asia multi region
GCP automatically replicates your data across multiple regions

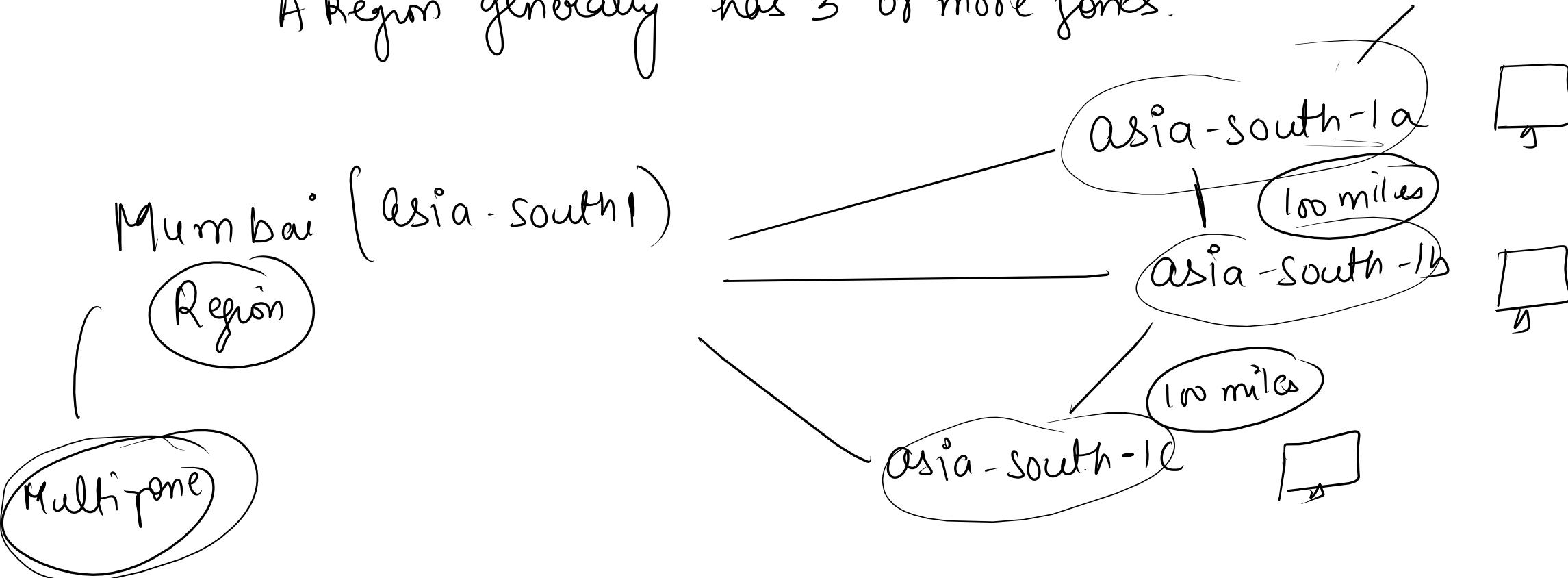


Regions → A region is a specific geographical location that contains multiple zones.

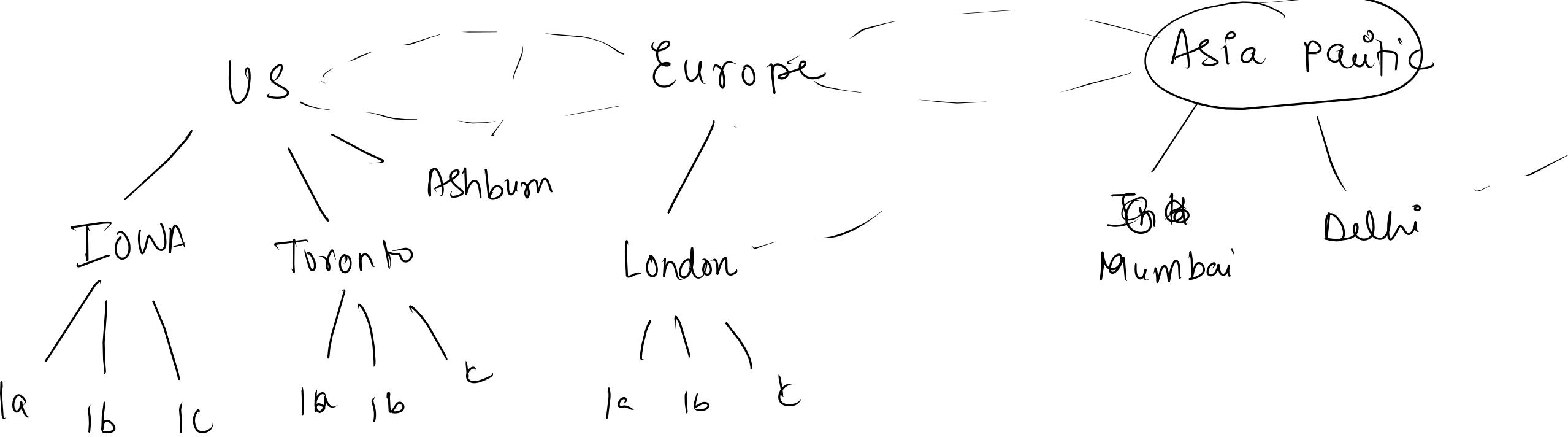


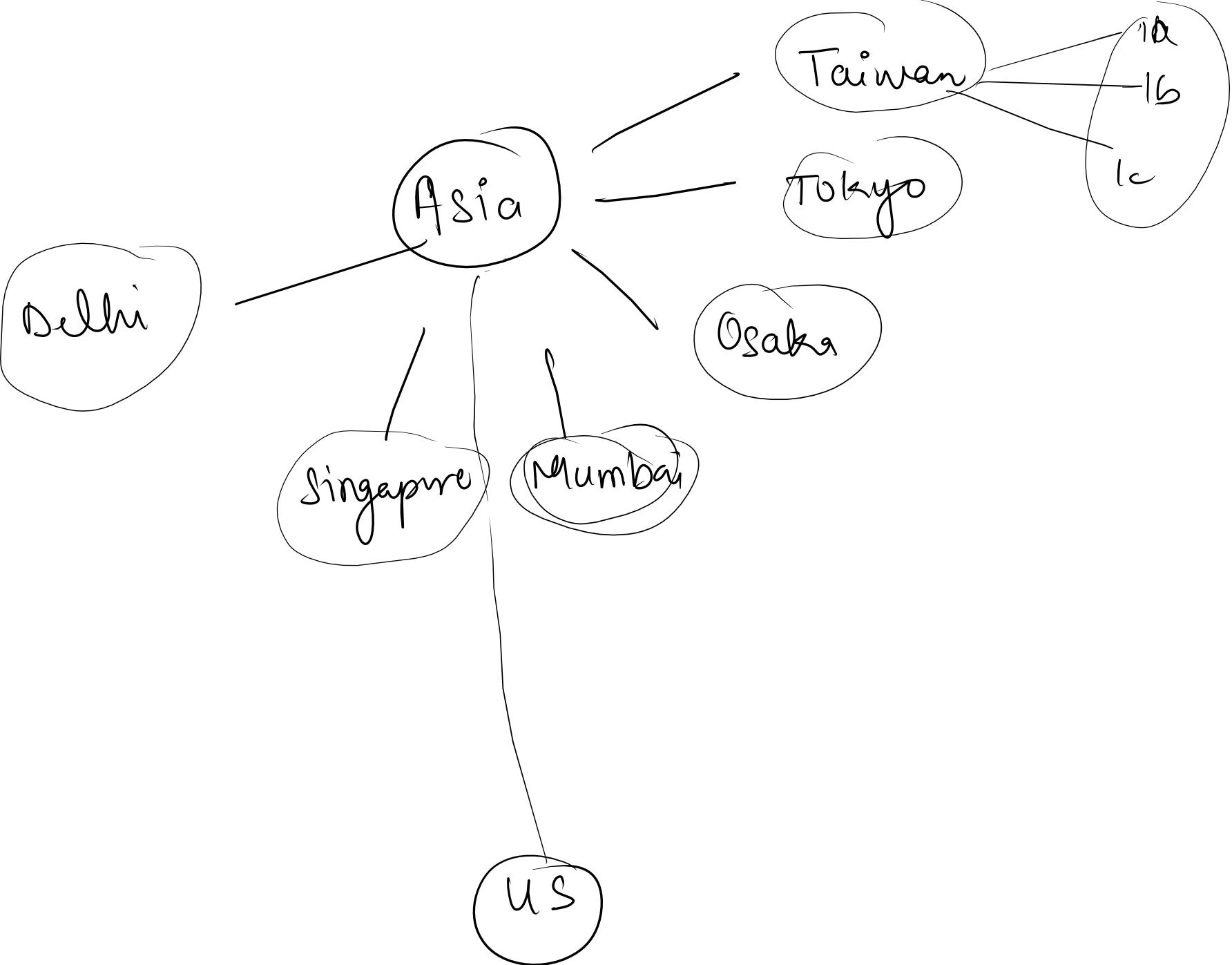
Availability

- ③ Zone → A zone is an independent location within a region
- datacenter is present in a zone
- A Region generally has 3 or more zones.



Multi region

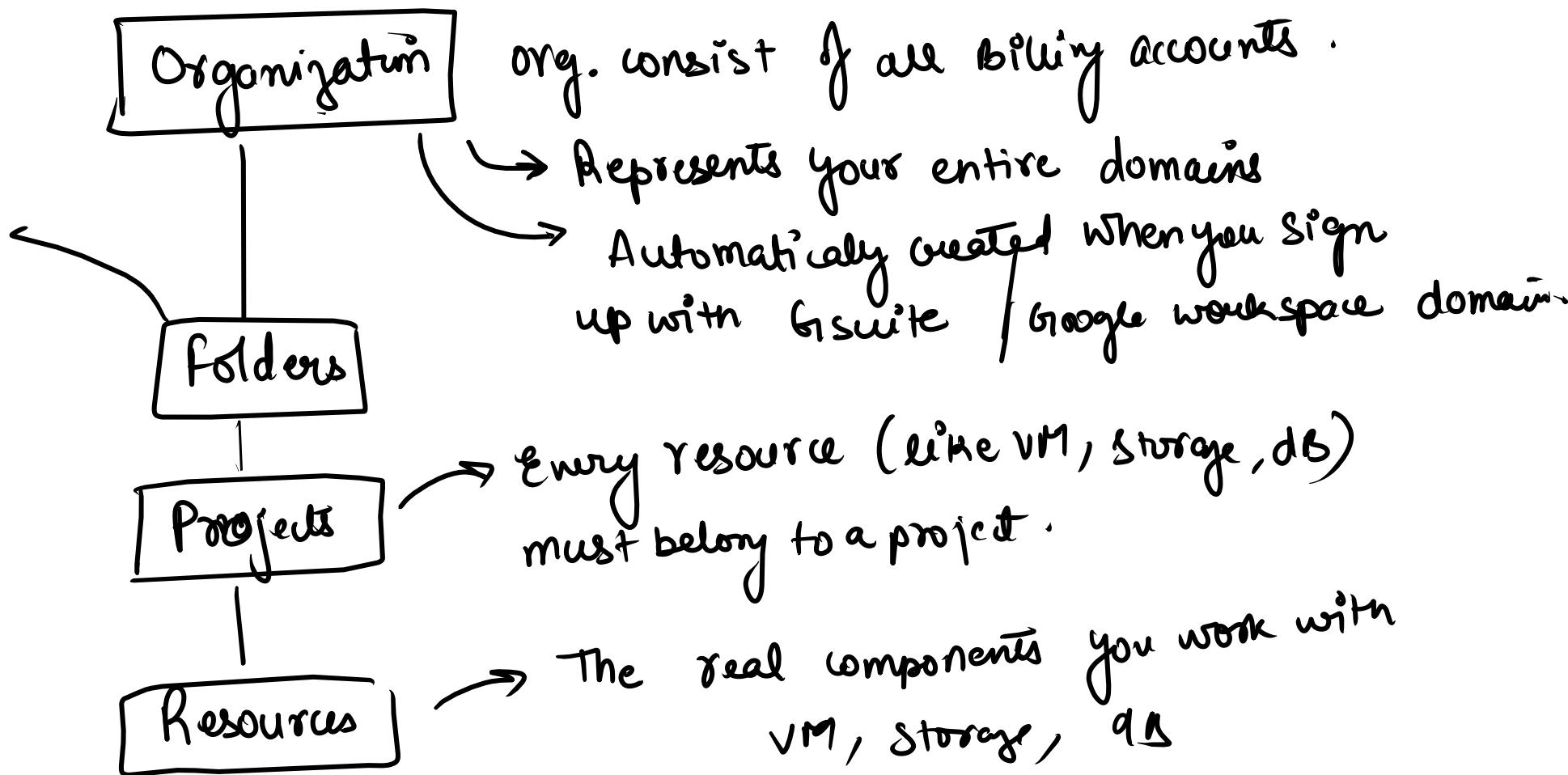




Resource Hierarchy includes organization, folders, project and resources.

Resource Hierarchy in
GCP

Think of folders as departments or teams within an org.



Organization (akshat.com)

