Recap

1. AU → users & groups
2. RBAC
   - ↳ Roles
   - ↳ scope - MG
     - Sub
     - RG
     - R
3) Subscription
   - ↳ Tenant ⇒ Subscription
     - ↳ Tag → assign department / utilize to resource
4) Policies
   - ↳ VM → specific (or) vm (India)
     - ↳ vm } → Policies & resource

Compliances → Ensure abiding policies approved

Budget
- ↳ Cost
  - Alert
  - Allocate / contain use specific budget

Application servicing → App → users
- ↳ Application

{ Storage — Demo/concept ⇒ Lab ↓ Actual | Identity ↳ Super Admin
2ORE { VM
{ AKS

Azure Storage

App → Org → Most cost going storage
- → Outage 80% Data loss
- → Redundant Data
- → 99.9% org have 100% backup 1 place
- → switch / fail over in order import

Website
Amazon

Reliable & Readily Available } Storage
↳ Easier & Product

Cloud Solution
- Amazon
- Azure
- Google → Free App
- Cloud

1) Secure
2) Scalable
3) Highly Reliable
4) Durable
5) Accesible / IAM
6) Managed → Option handled / storage Azure

Store
1) Storage for Virtual Machines
2) Unstructure Data → ML/AI → Data Dog
3) Structured Data → Table
   - ↳ Cosmos DB

Azure Performance Tiers
1) Standard → Lower Cost → ↑ Latency → Hard Disk (HDD)
2) Premium → High Performance → ↓ latency → SDD
   - Database (Stock)

Azure Storage Services
1) Containers / (Blobs) → Generic → anything text, png, video, binary data
2) Files → File stores → Filesystem / Drives → map/mount server (cloud / Onprem)
3) Queues → Notification → Data Messaging - Kafka (Messaging)
4) Tables → NoSQL, Schemaless (Structured Data)

→ General Purpose V2 → Ideally }
→ General Purpose V1 → Legacy } ⇒ Same

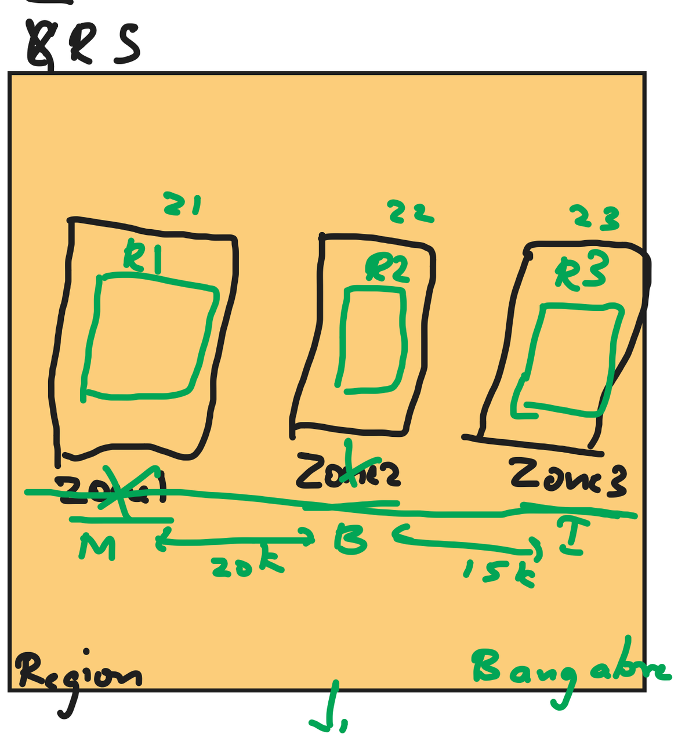
Z / GZ Architecture {
→ Premium block blob }
→ Premium file Stores } → Cost, Performance, Availabity
→ Premium page blob } High Available, fool, store

Replication Options

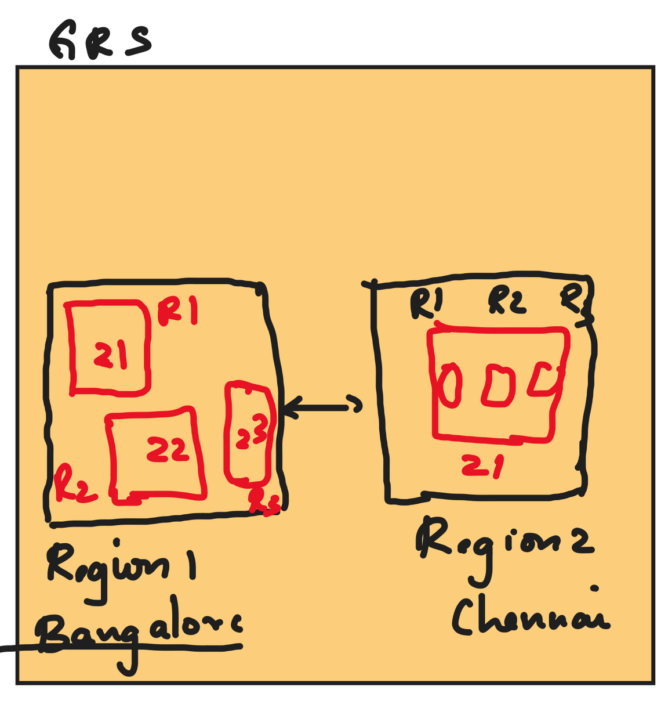
1. LRS → Locally Redundant storage
2. ZRS → Zone Redundant storage
3. GRS → Geo Redundant storage
4. GZRS → Geo-Zero Redundant storage

LRS

ZRS



GRS



Storage type

GZRS