**Azure Paired Regions:** each region is paired with another region within the same geography.

**Azure Availability Zones:** Unique physical locations within a region (min 3).

**App Service:**

* Standard or Premium tier, cause it offers automated backups
* Different App Services for different environments (do not share your server farm)
* Enable diagnostics logging

**SQL DB:**

* Enable Auditing
* Active Geo-Replication
* **Point in time restore**

**Cosmos DB:**

* Replicate **across** regions
* Enable multi master (multiple write regions)

**Storage Account:**

* App data should use read-access geo-redundant storage
* Queue storage backup in another region