**RTO: Recovery Time Objective,** the duration of time and service level within which a business process must be restored after a disaster.

**RPO: Recovery Point Objective,** the time limit before the lost data during an outage exceeds the Business Continuity Plan’s maximum.

**RLO: Recovery Level Objective,** the granularity with which data has to be recovered (whole instance, DB, set of DBs or just a few tables).

**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 (and staging slots)
* Different App Services for different environments (do not share your server farm)
* Enable diagnostics logging
* Can scale out to 30 VMs

**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

Azure out of the box stores Storage and SQL DB data three times in the same region.