**Estimate availability of this configuration**

Write a paragraph or two describing the achievable Recovery Time Objective (RTO) and Recovery Point Objective (RPO) for this Multi-AZ, multi-region database in terms of:

1. Minimum RTO for a single AZ outage / Minimum RPO for a single AZ outage
   * We have Multi-AZ setup, so if one AZ goes down, it should be seamless for users as it is setup with high availability. The system should run from different AZ. RTO is close to real time.
   * There should not be any data loss as both are in sync. RPO is close to real time. No data loss.
2. Minimum RTO for a single region outage / Minimum RPO for a single region outage
   * With multi region setup, and read replica in secondary location if one region goes down, the system in another region has to be promoted as primary.
   * As there is human intervention, RTO would be minimum 1 to 2 hrs., based on the time of the outage and team’s availability to perform the tasks.
   * As the data is being replicated to the secondary site, and replica won’t be able to write. If replication is setup as automatic, RPO should be a minimum data loss as less than 5min.