**Spring Batch MySQL to Postgres Migration**

1. Connect to AA-Guest. Open MYSQL workbench. Create <env>-pointsdatabse connection obtaining the credentials from Bluemix.
2. **cf stop** GSAPointsProcessor
3. Create Equipment Codes Database calling EquipmentCodeLoader.
4. unbind existing ClearDB MySQL database.
5. Create Compose Postgres Database.
6. Bind Postgres to GSAPointsProcessor,
7. **cf push** with new changes so that schema is created. Check if server starts with no issues.
8. cf stop GSAPointsProcessor
9. Get the current sequence values

**Get current sequence values from Cleardb.**

select \* from batch\_job\_seq;

select \* from batch\_job\_execution\_seq;

select \* from batch\_step\_execution\_seq;

**Update the sequence values in**

ALTER SEQUENCE batch\_job\_seq RESTART WITH <>;

ALTER SEQUENCE batch\_job\_execution\_seq RESTART WITH <>;

ALTER SEQUENCE batch\_step\_execution\_seq RESTART WITH <>;

For Data transfer

1. Open Cleardb database using MySQL workbench and run the script **mysql\_rename\_lowercase.sql** to rename the table names to lowercase.
2. Open IBM Data Connect and create 2 connections one for Cleardb database and the other for Postgres database. Exclude batch\_job\_seq, batch\_job\_execution\_seq, batch\_step\_execution\_seq.