Module 7

DynamoDB Assignment

Problem Statement:

You work for XYZ Corporation. Their application requires a database service that can store data which can be retrieved if required. Implement a suitable service for the same. While migrating, you are asked to perform the following tasks:

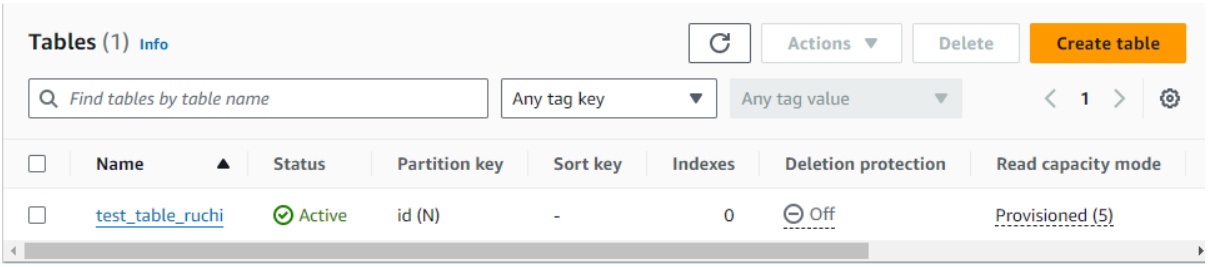
1. Create a DynamoDB table with partition key as ID.

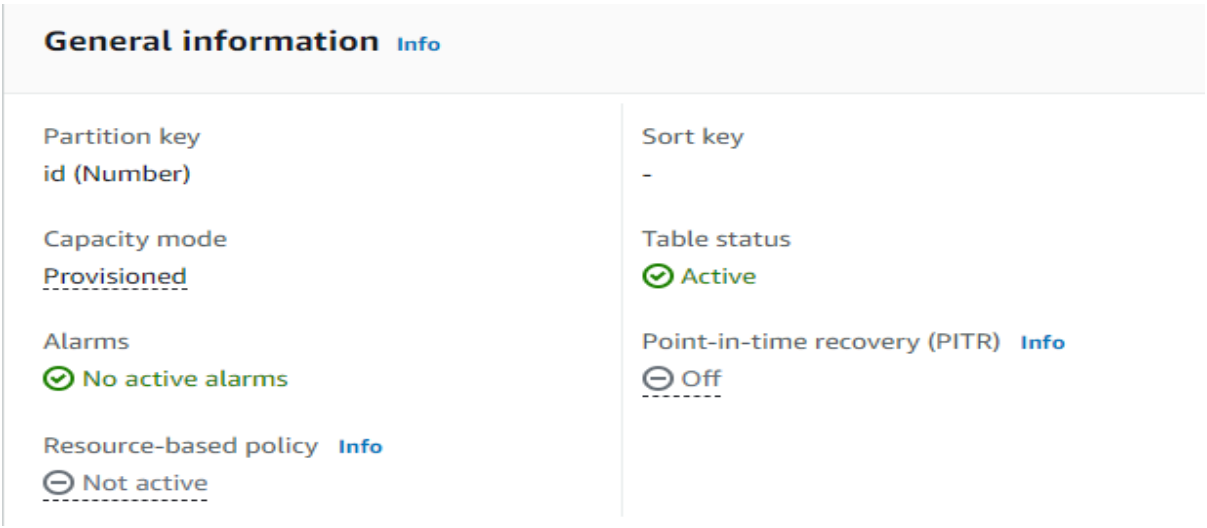
2. Add 5 items to the DynamoDB table.

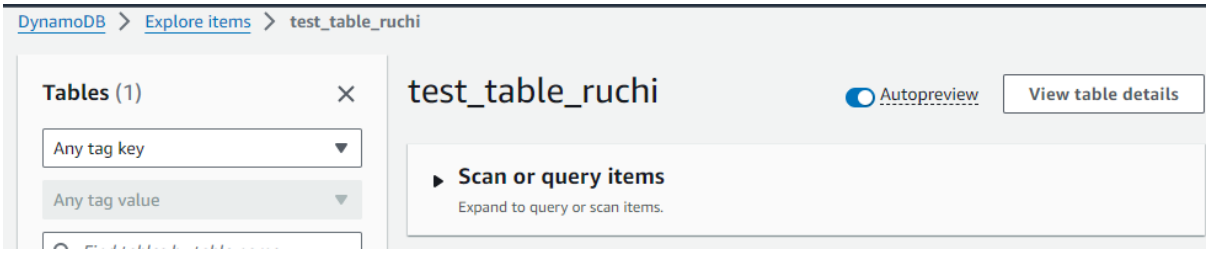
3. Take backup and delete the table

Solution:

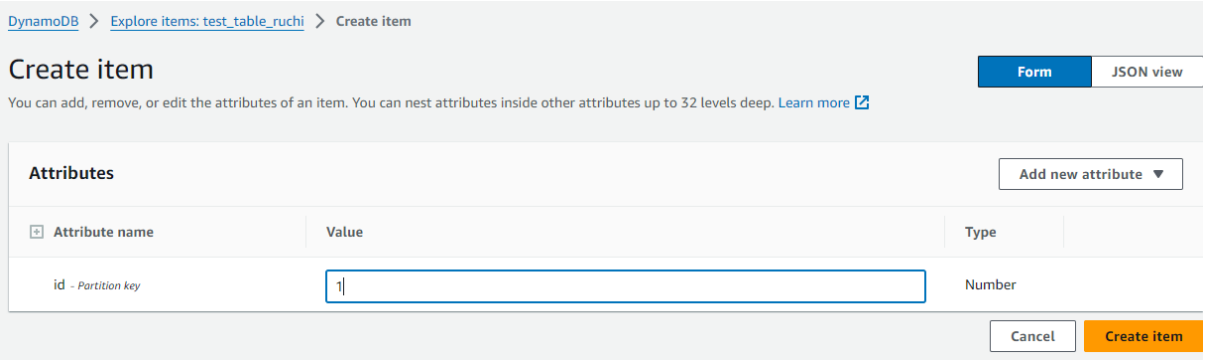
First create the table



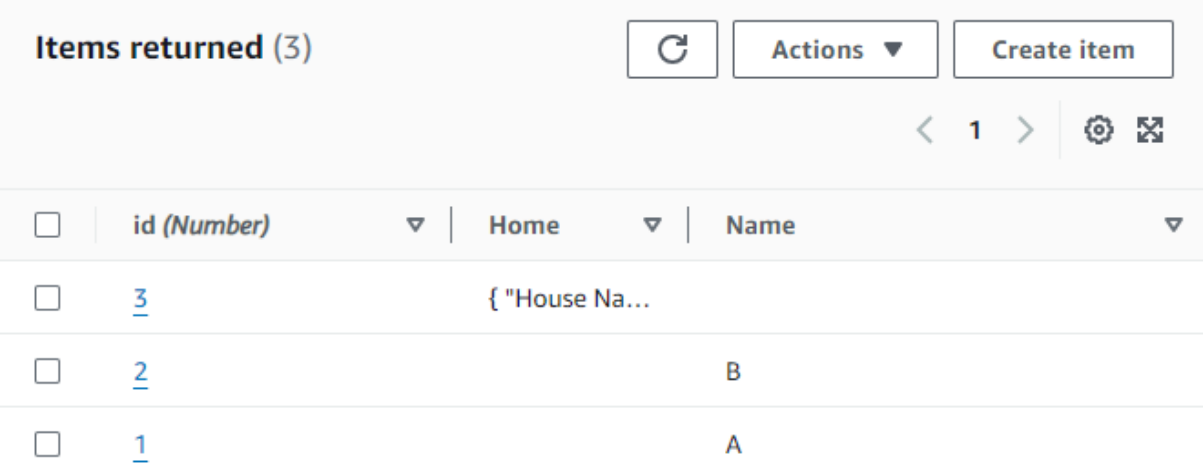




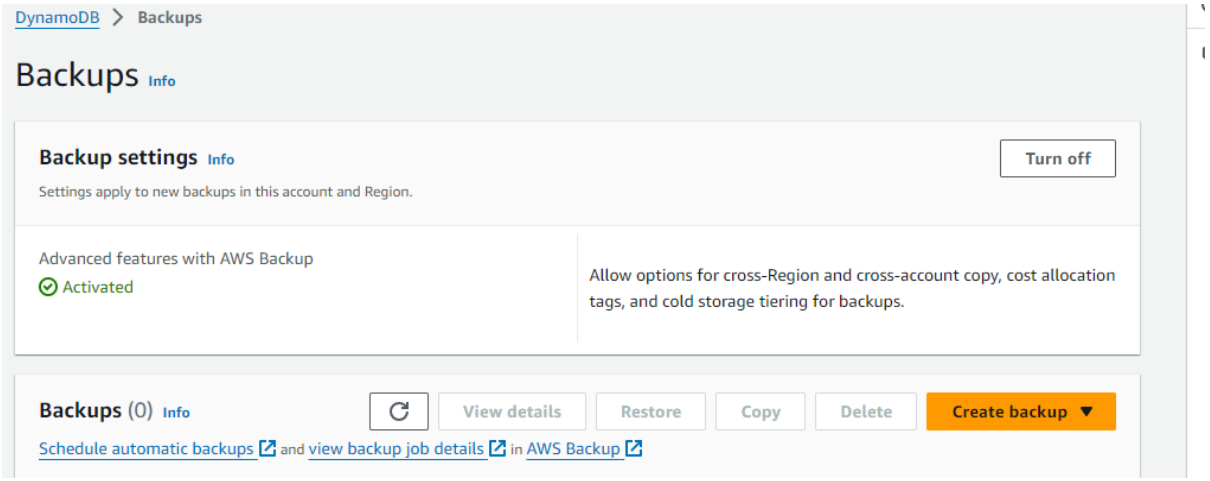
Then Create the item, give the attribute name and value



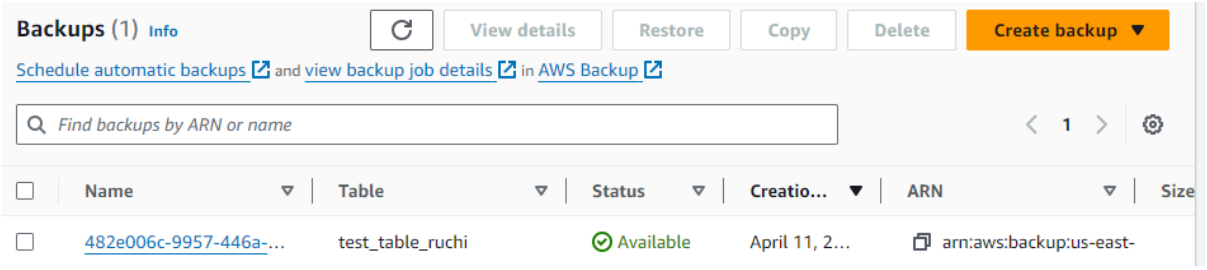
Create similarly items



Now Create the Backups



Now the Table is ready to take the backups after it is deleted.



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Aurora Assignment

Problem Statement:

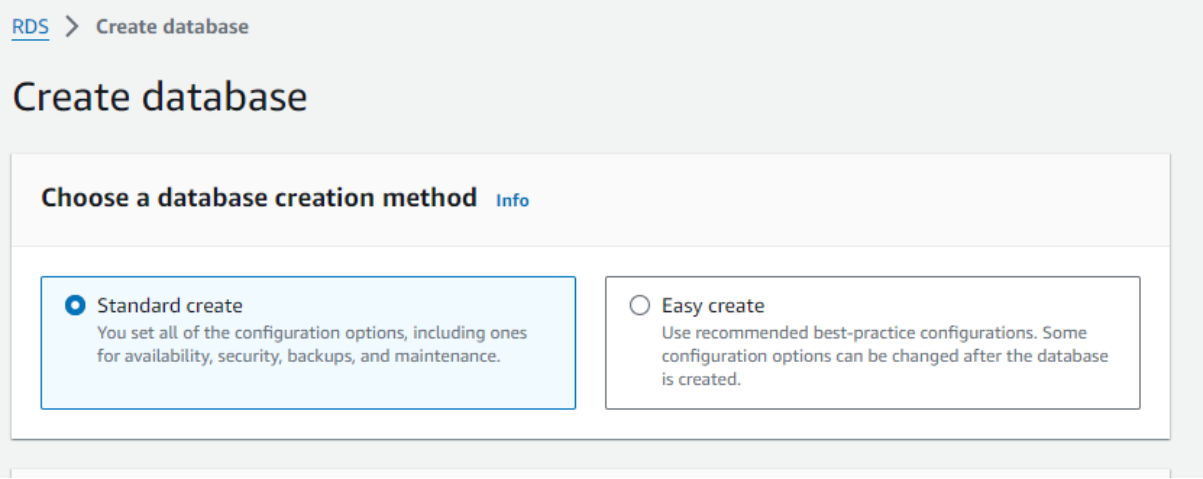
You work for XYZ Corporation. Their application requires a SQL service that can store data which can be retrieved if required. Implement a suitable RDS engine for the same. While migrating, you are asked to perform the following tasks:

1. Create an AuroraDB Engine based RDS Database.

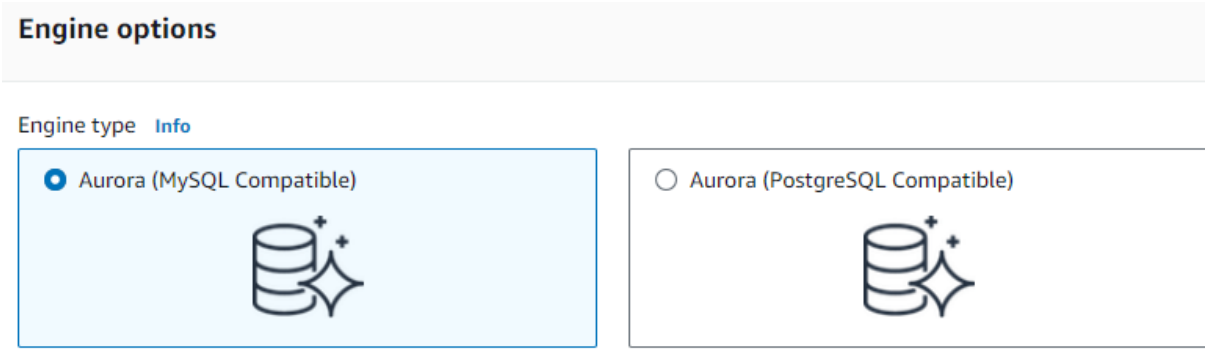
2. Create 2 Read Replicas in different availability zones for better infrastructure availability

Solution:

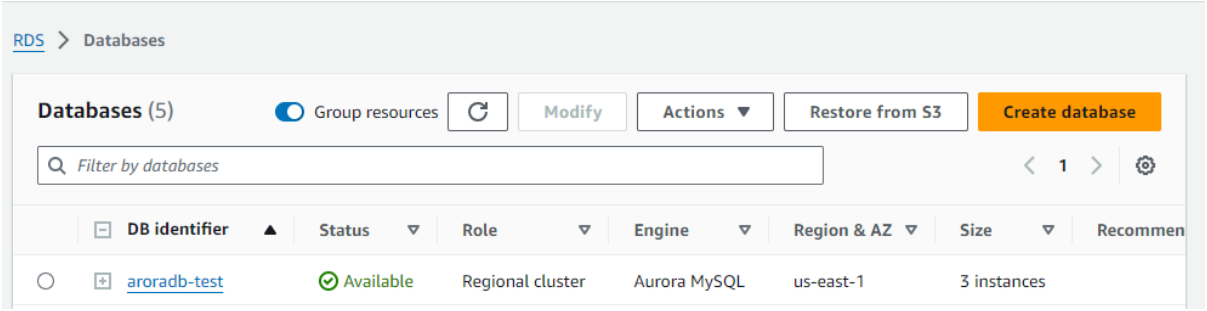
Create the Database



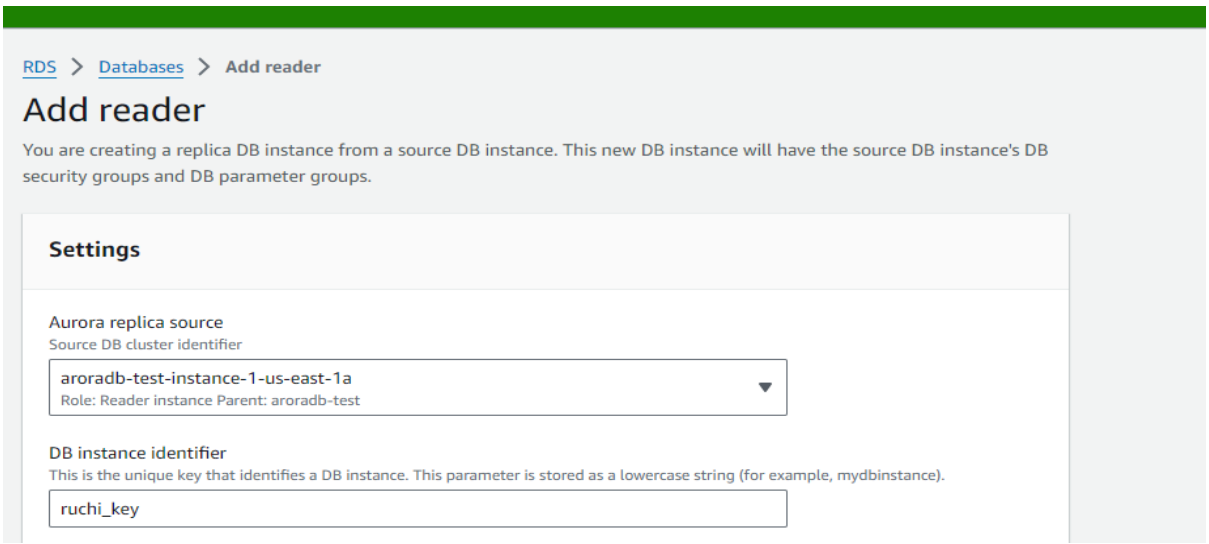
Choose the engine as Aurora



Give all the details and create the Aurora database



Then add the Read replicas to the database for 2 different availability zones for better infrastructure



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