Lesson 06 Demo 01

Database Operations in DynamoDB

Objective: To create a database table that can store and read items using the DynamoDB console

Tools require: AWS WorkSpaces

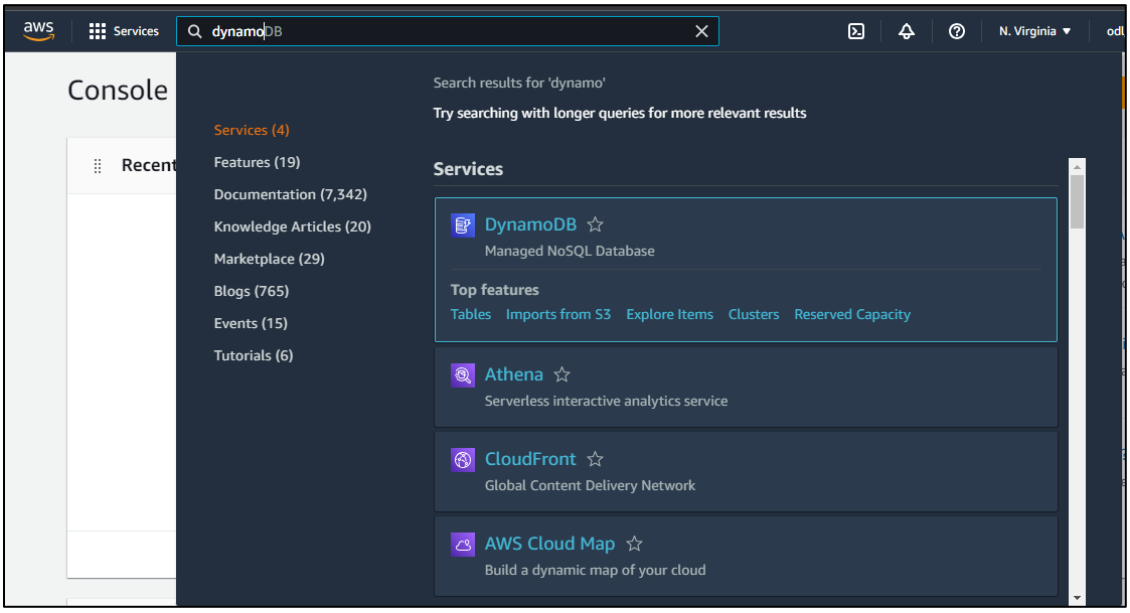
Prerequisites: AWS account

Steps to be followed:

1. Create a table
2. Store and read the items

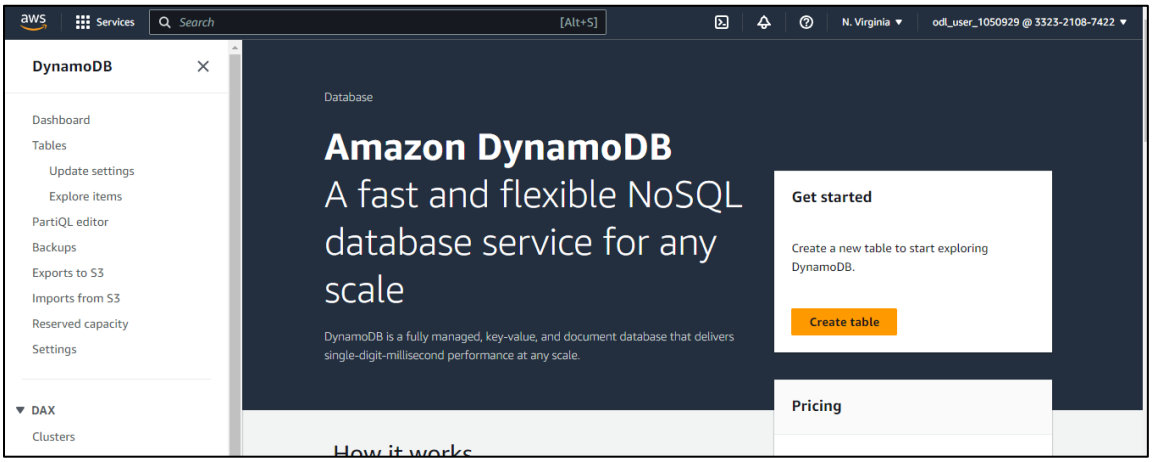
Step 1: Create a table

1.1 Navigate to the AWS portal and search for and select **DynamoDB**

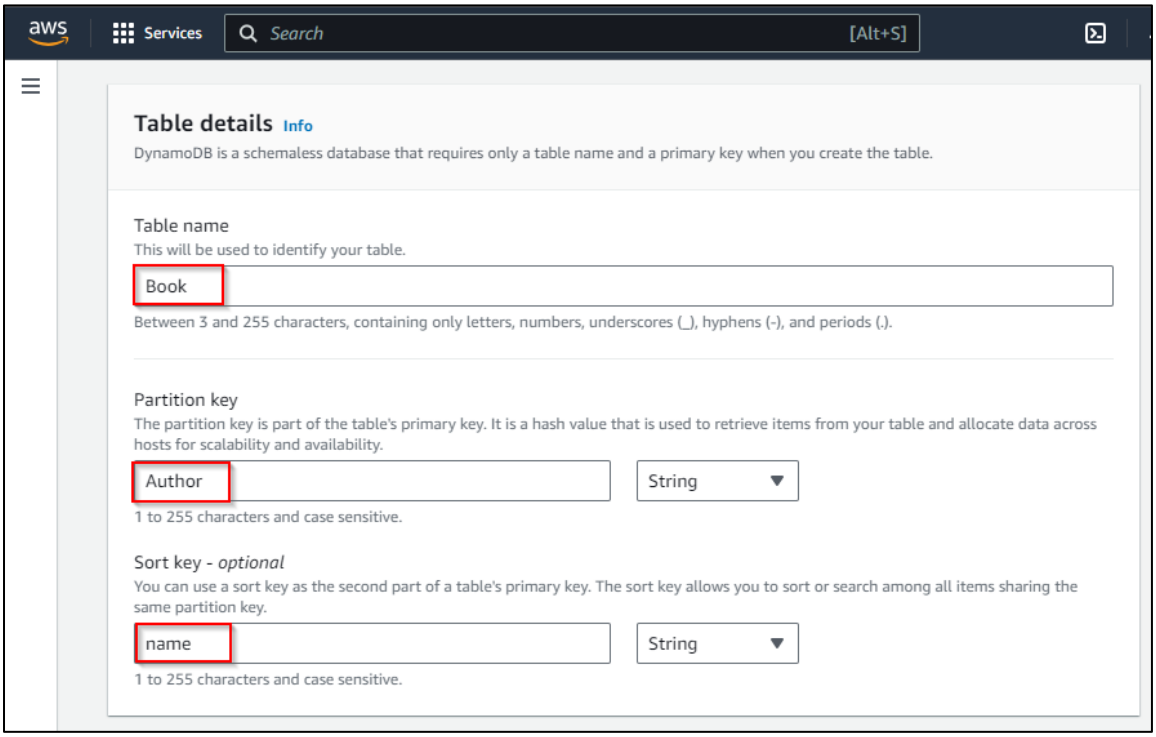


Note: Ensure that the region is **US East (N. Virginia) us-east-1**

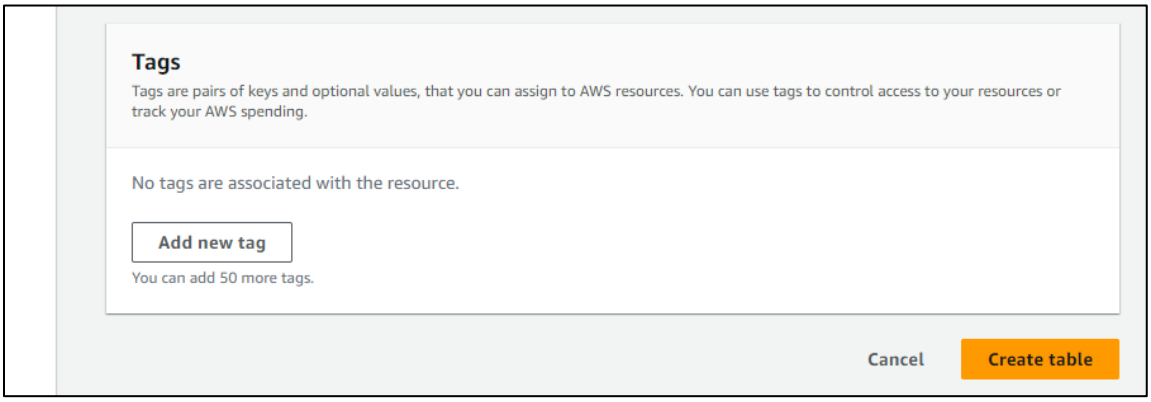
1.2 Click on the **Create table** button

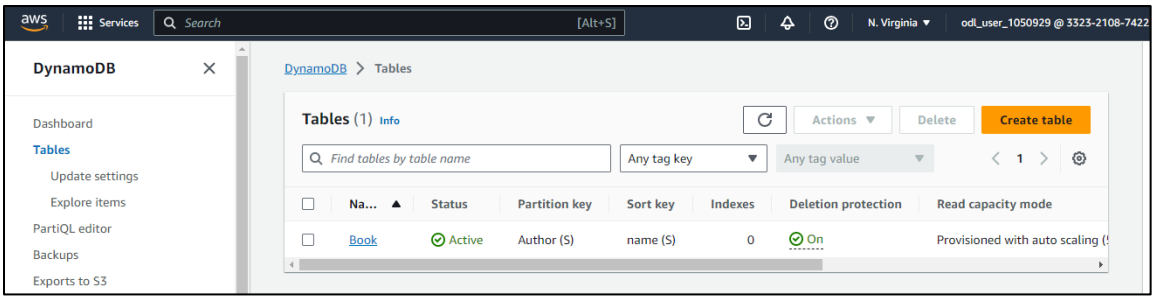


1.3 Enter the desired **Table name** and **Partition key**, and provide a name for the **Sort key**



1.4 Click on the **Create table** button

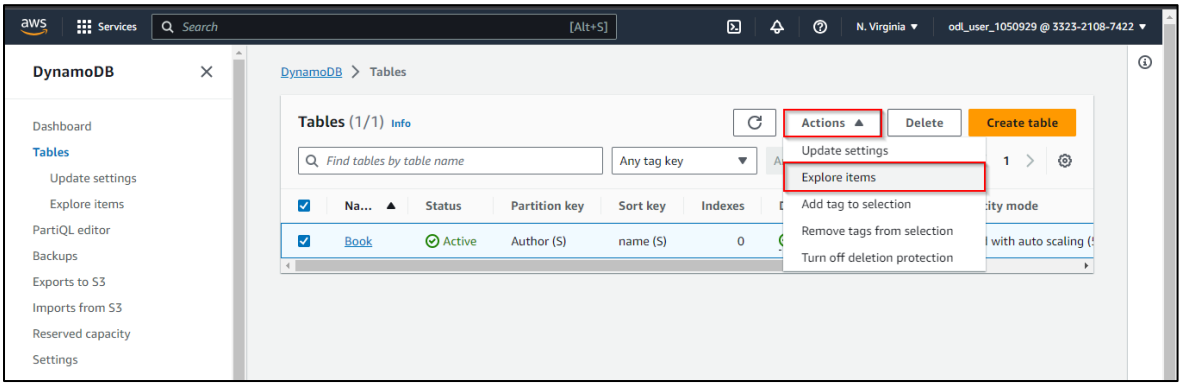




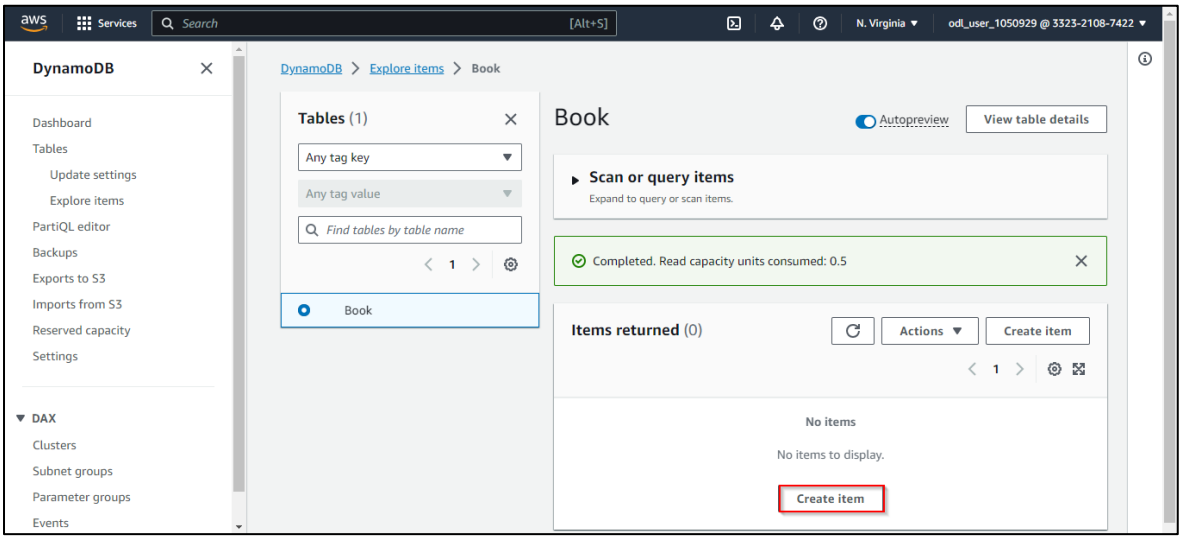
DynamoDB has been created successfully.

Step 2: Store and read the items

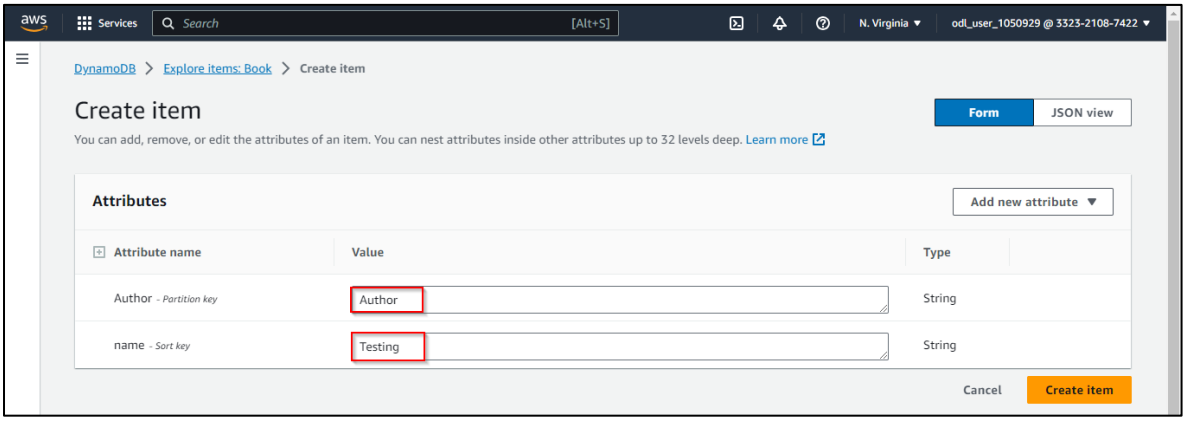
2.1 Select **Explore items** under Actions



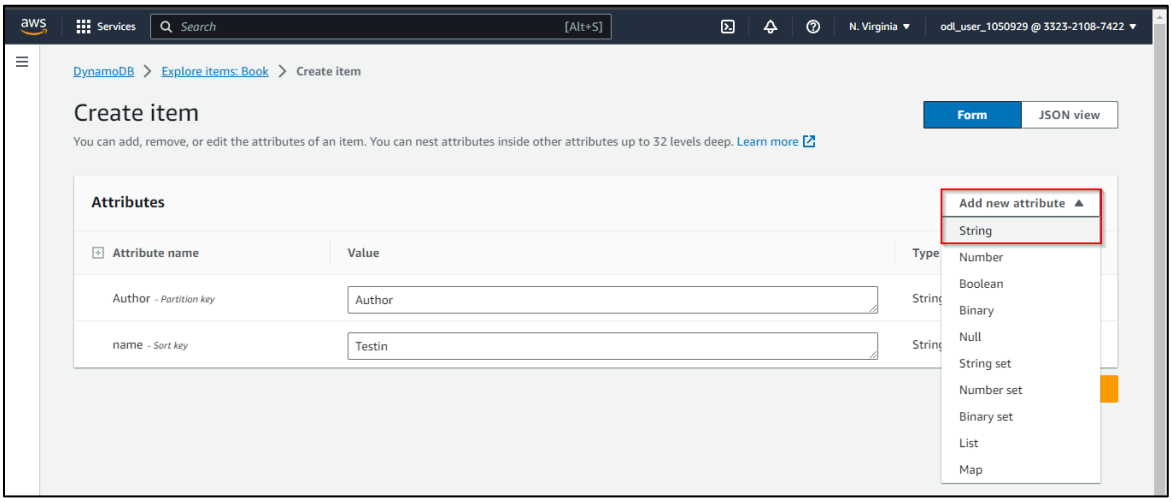
2.2 Click on the **Create item button**



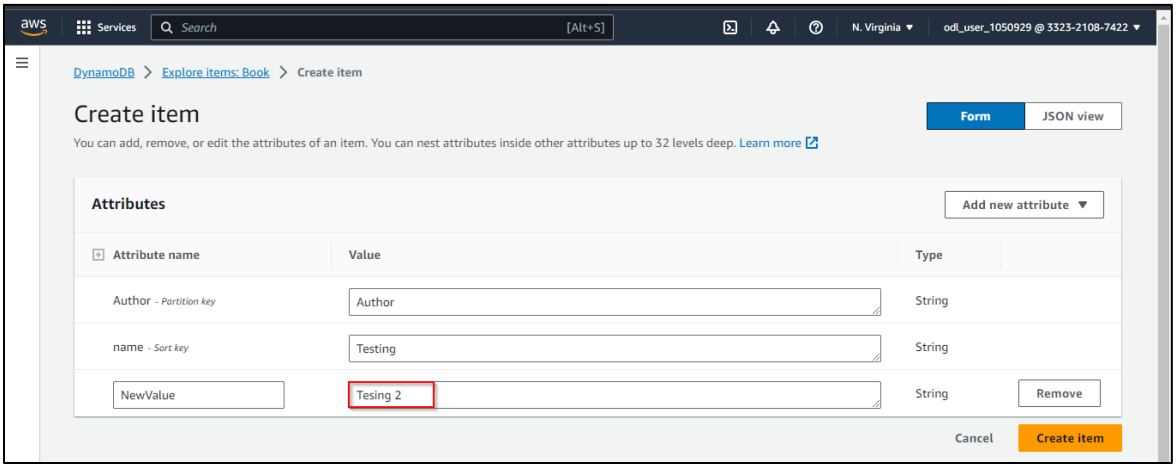
2.3 Enter **Author** and **Testing** under **Author** and **name**, respectively



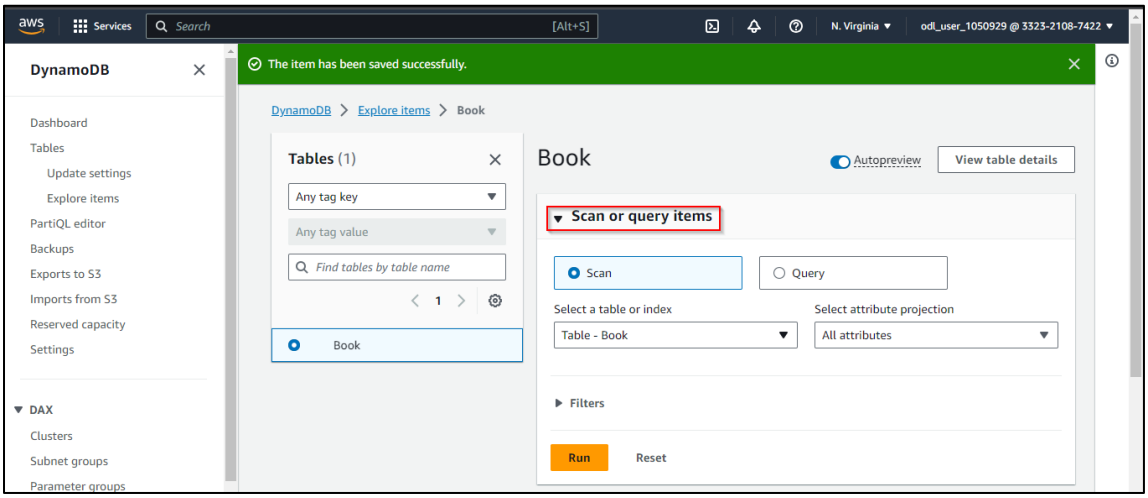
2.4 Select **String** under the **Add new attribute** section

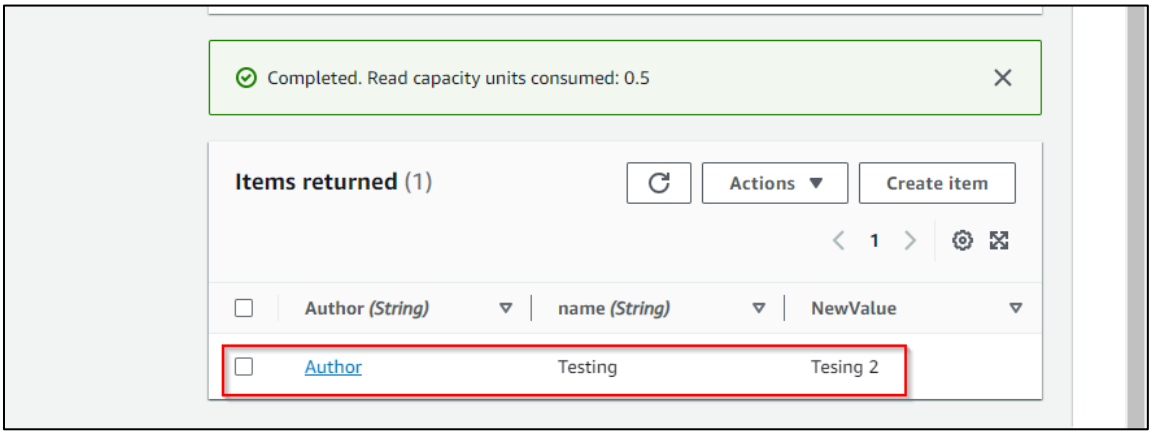


2.5 Enter the value as **Testing 2** and click the **Create item** button



2.6 Click on **Scan or Query items** and select **Run** to retrieve the stored items





By following these steps, you have successfully established a structured table, stored items with attributes, and showcased efficient retrieval. This experience equips you to confidently manage data using DynamoDB for diverse applications.