

Hands on with Amazon Dynamo DB Database

Project 1

DESCRIPTION

Create the Amazon Dynamo DB Table, Add Items in to Table, Query it, Delete the table

Steps: -

- Go to AWS console and search DynamoDb
- Click on create table
- Go to the table you have created, then click on items and click on Create item
- Add data in product_id, price, product name, quantity all are string string values
- Add product_id as P1001, P1002, P1003, P1004
- Add Price as 47999, 8999, 27999, 14999
- Add product name as Hp Laptop, mobile, Oneplus nord and TV
- Add quantity as 1, 2, 1, 1
- Then select query in Product_id as any one of the product id as you will get result.
- To delete the table. Select the table click on delete table

SCREENSHOTS OF STEPS

← → ↻ console.aws.amazon.com/console/home?region=us-east-1#

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← → ↻ console.aws.amazon.com/dynamodb/home?region=us-east-1#gettingStarted:

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Amazon DynamoDB

Amazon DynamoDB is a fast and flexible NoSQL database service for all applications that need consistent, single-digit millisecond latency at any scale. Its flexible data model and reliable performance make it a great fit for mobile, web, gaming, ad-tech, IoT, and many other applications.


Create table

[Getting started guide](#)




Create tables

Create DynamoDB tables with a few clicks. Just specify the desired read



Add and query items

Once you have created a DynamoDB table, use the AWS



Monitor and manage tables

Using the AWS Management Console, you can monitor performance and

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console.aws.amazon.com/dynamodb/home?region=us-east-1#tables:selected=Products;tab=items

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Filter by table name

Choose a table ...

Actions

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Create item

Actions

Scan: [Table] Products: Product_id, price

Viewing 0 to 0 items

Scan

[Table] Products: Product_id, price

Add filter

Start search

Product_id

price

An item consists of one or more attributes. Each attribute consists of a name, a data type, and a value. When you read or write an item, the only attributes that are required are those that make up the primary key. [More info](#)

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Create item

Actions

Scan: [Table] Products: Product_id, price

Viewing 1 to 4 items

Scan

[Table] Products: Product_id, price

Add filter

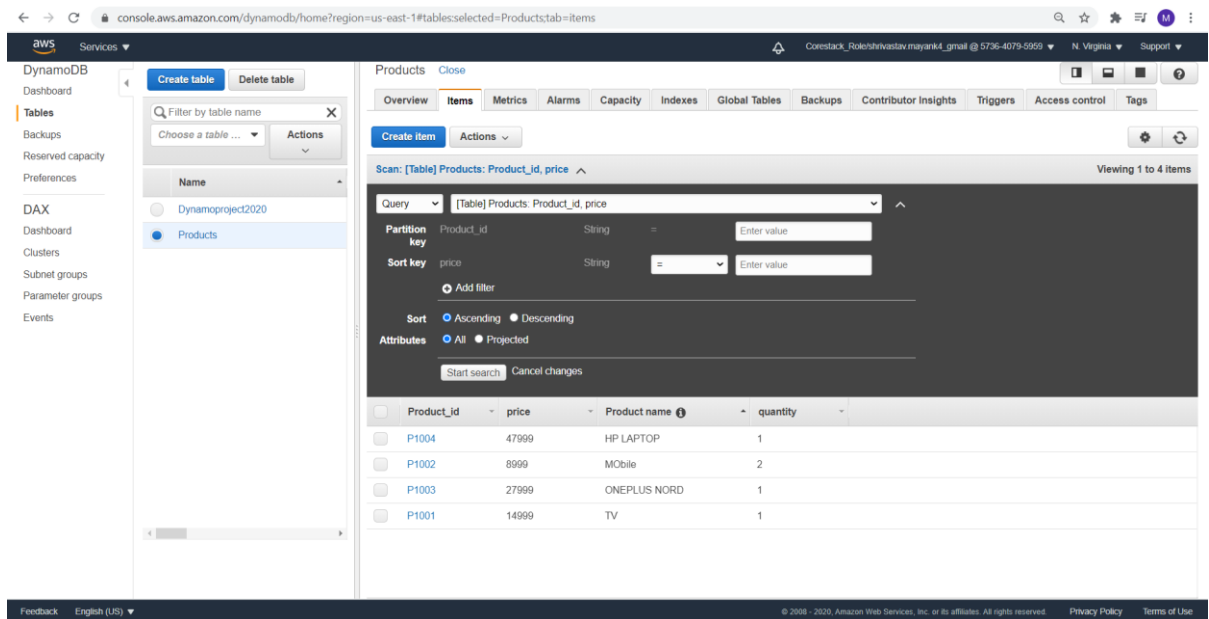
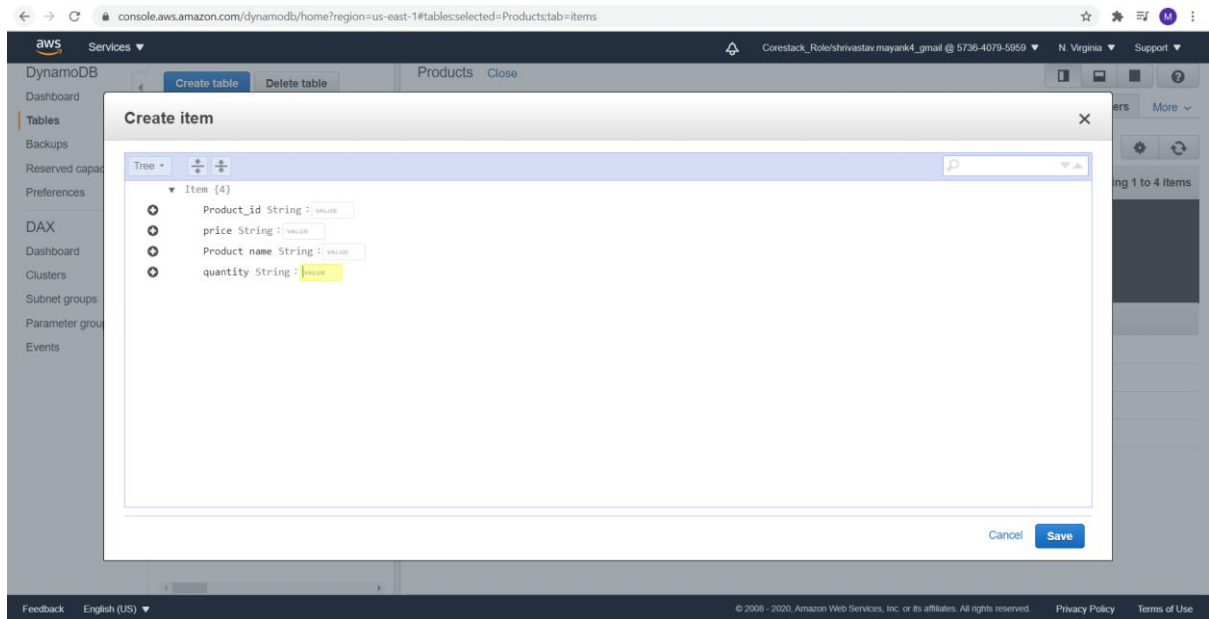
Start search

Product_id	price	Product name	quantity
P1004	47999	HP LAPTOP	1
P1002	8999	MOBILE	2
P1003	27999	ONEPLUS NORD	1
P1001	14999	TV	1

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console.aws.amazon.com/dynamodb/home?region=us-east-1#tables:selected=Products:tab=overview

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Create table Delete table

Filter by table name

Choose a table ... Actions

Name

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Products Close

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Recent alerts

No CloudWatch alarms have been triggered for this table.

Stream details

Stream enabled No

View type -

Latest stream ARN -

Manage Stream

Table details

Table name Products

Primary partition key Product_id (String)

Primary sort key price (String)

Point-in-time recovery DISABLED Enable

Encryption Type DEFAULT Manage Encryption

KMS Master Key ARN Not Applicable

Encryption Status

CloudWatch Contributor Insights DISABLED Manage Contributor Insights NEW

Time to live attribute DISABLED Manage TTL

Table status Active

Creation date October 19, 2020 at 12:10:21 PM UTC+5:30

Read/write capacity mode Provisioned

Last change to on-demand mode -

Provisioned read capacity units 5 (Auto Scaling Error)

Provisioned write capacity units 5 (Auto Scaling Error)

Last decrease time -

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console.aws.amazon.com/dynamodb/home?region=us-east-1#tables:selected=Products:tab=items

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Create table Delete table

Filter by table name

Choose a table ... Actions

Name

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Products Close

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Create item Actions

Query: [Table] Products: Product_id, price Viewing 1 to 1 items

Query [Table] Products: Product_id, price

Partition key Product_id String = P1002

Sort key price String = Enter value

Add filter

Sort Ascending Descending

Attributes All Projected

Start search

Product_id	price	Product name	quantity
P1002	8999	MObile	2

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Create table Delete table

Filter by table name

Choose a table ... Actions

Name

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Products

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Create item Actions

Query: [Table] Products: Product_id, price

Query [Table] Products: Product_id, price

Partition key Product_id String = P1003

Sort key price String = Enter value

Add filter

Sort Ascending Descending

Attributes All Projected

Start search

Product_id price Product name quantity

P1003 27999 ONEPLUS NORD 1

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