

PES UNIVERSITY

UE19CS352

Cloud Computing

Assignment - 03

Introduction to Amazon DynamoDB

Name : Suhan B Revankar

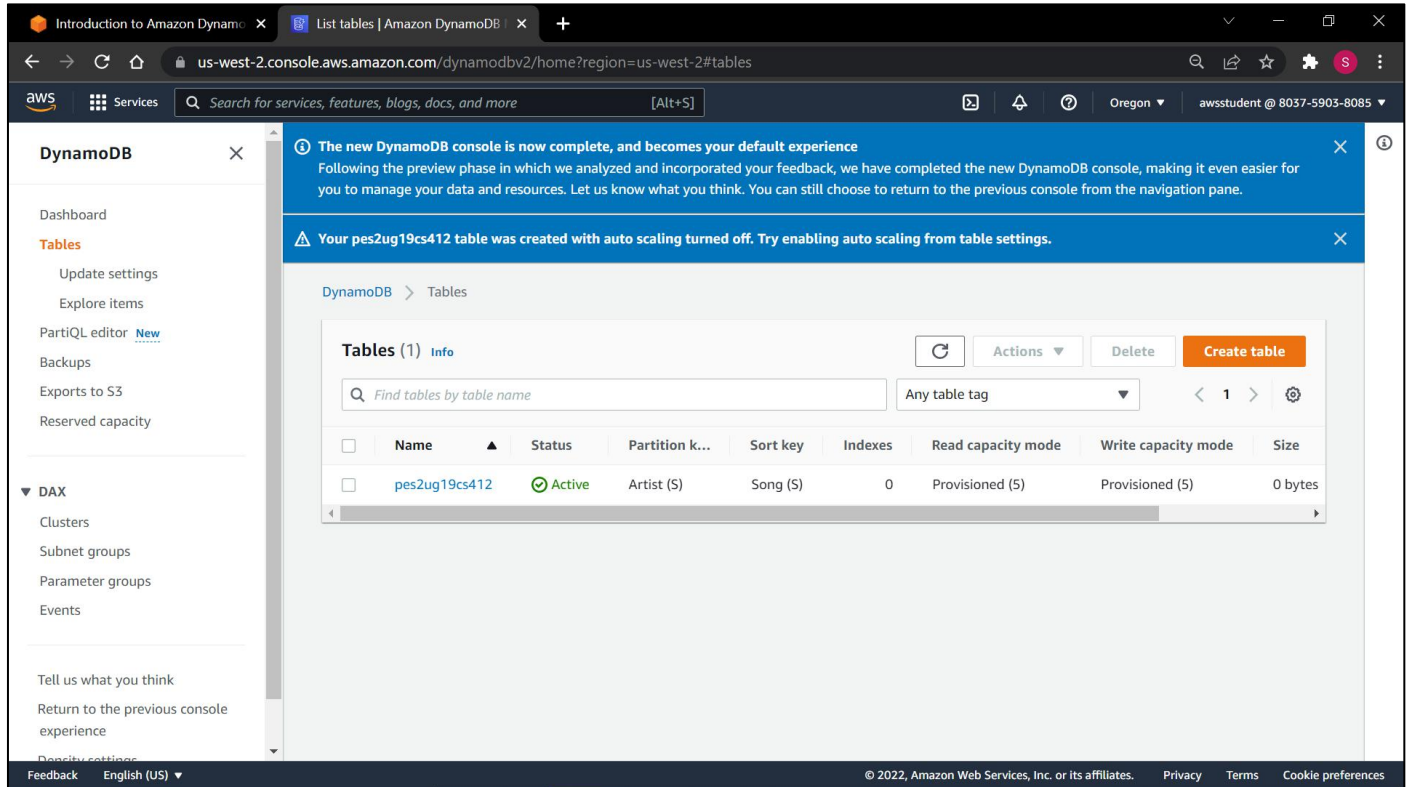
SRN : PES2UG19CS412

Section : G Section

Deliverables:

The following screenshots are to be submitted:

a. Screenshot showing successful creation of table name <your-srn>. Refer: pes1201801295_1a.jpg



b. Screenshot the inserted items in DynamoDB. Steps to reproduce:

i. Left Navigation list: DynamoDB -> Tables -> explore items

ii. Click on run, Make sure table <your-srn> is selected.

iii. Scroll down to see table name and returned items from DynamoDB. Refer:

pes1201801295_2a.jpg

Items | Amazon DynamoDB Man x +

us-west-2.console.aws.amazon.com/dynamodbv2/home?region=us-west-2#item-explorer?initialTagKey=&table=pes2ug19cs412

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The new DynamoDB console is now complete, and becomes your default experience. Following the preview phase in which we analyzed and incorporated your feedback, we have completed the new DynamoDB console, making it even easier for you to manage your data and resources. Let us know what you think. You can still choose to return to the previous console from the navigation pane.

The item has been saved successfully.

DynamoDB > Items > pes2ug19cs412

pes2ug19cs412 Autopreview Actions Create item Update table settings

Tables (1)

Any table tag

Find tables by table name

1

pes2ug19cs412

Scan/Query items

Expand to query or scan items.

Items returned (3)

	Artist	Song	Album	Genre	Length...	Year
<input type="checkbox"/>	Psy	Gangnam Style	Psy 6 (Six Rules), Part 1		219	2011
<input type="checkbox"/>	John Lennon	Imagine	Imagine	Soft rock		1971
<input type="checkbox"/>	Pink Floyd	Money	The Dark Side of the Moon			1973

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c. Screenshot showing the updated data. Artist Psy's year attribute updated to 2012. Refer pes1201801295_3a.jpg.

Items | Amazon DynamoDB Man x +

us-west-2.console.aws.amazon.com/dynamodbv2/home?region=us-west-2#item-explorer?initialTagKey=&table=pes2ug19cs412

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The item has been saved successfully.

DynamoDB > Items > pes2ug19cs412

pes2ug19cs412 Autopreview Actions Create item Update table settings

Tables (1)

Any table tag

Find tables by table name

1

pes2ug19cs412

Scan/Query items

Expand to query or scan items.

Items returned (3)

	Artist	Song	Album	Genre	Length...	Year
<input type="checkbox"/>	Psy	Gangnam Style	Psy 6 (Six Rules), Part 1		219	2012
<input type="checkbox"/>	John Lennon	Imagine	Imagine	Soft rock		1971
<input type="checkbox"/>	Pink Floyd	Money	The Dark Side of the Moon			1973

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d. Screenshot showing query results. Refer pes1201801295_4a.jpg.

The screenshot shows the Amazon DynamoDB console interface. The left sidebar contains navigation links for Dashboard, Tables, Update settings, Explore items, PartiQL editor, Backups, Exports to S3, Reserved capacity, DAX, Clusters, Subnet groups, Parameter groups, and Events. The main content area displays the 'pes2ug19cs412' table. The 'Scan/Query items' section is active, showing a query configuration with the following details:

- Table or index: pes2ug19cs412
- Artist (Partition key): Psy
- Song (Sort key): Gangnam Style
- Filters: None

The query has been completed, and the results are displayed in a table with the following data:

Artist	Song	Album	Length...	Year
Psy	Gangnam Style	Psy 6 (Six Rules), Part 1	2:19	2012

e. Screenshot showing scan results. Refer pes1201801295_4b.jpg.

The screenshot shows the Amazon DynamoDB console interface. The left sidebar contains navigation links for Dashboard, Tables, Update settings, Explore items, PartiQL editor, Backups, Exports to S3, Reserved capacity, DAX, Clusters, Subnet groups, Parameter groups, and Events. The main content area displays the 'pes2ug19cs412' table. The 'Scan/Query items' section is active, showing a scan configuration with the following details:

- Table or index: pes2ug19cs412
- Filters: Year = 1971

The scan has been completed, and the results are displayed in a table with the following data:

Artist	Song	Album	Genre	Year
John Lennon	Imagine	Imagine	Soft rock	1971