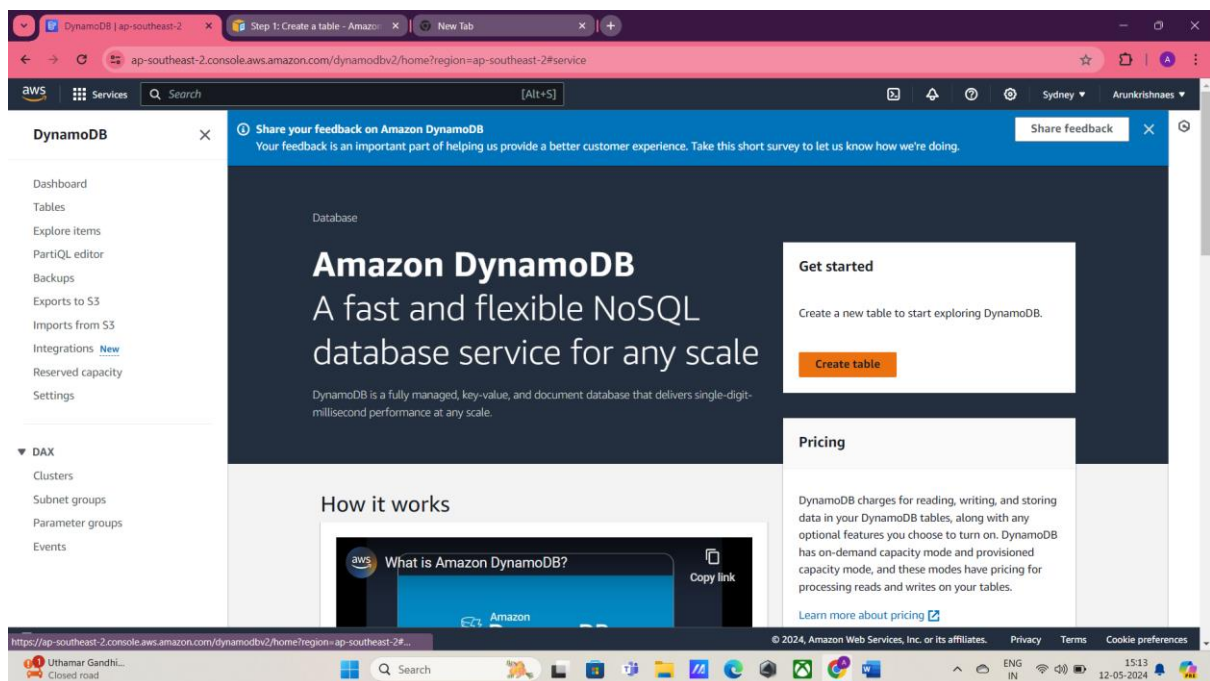


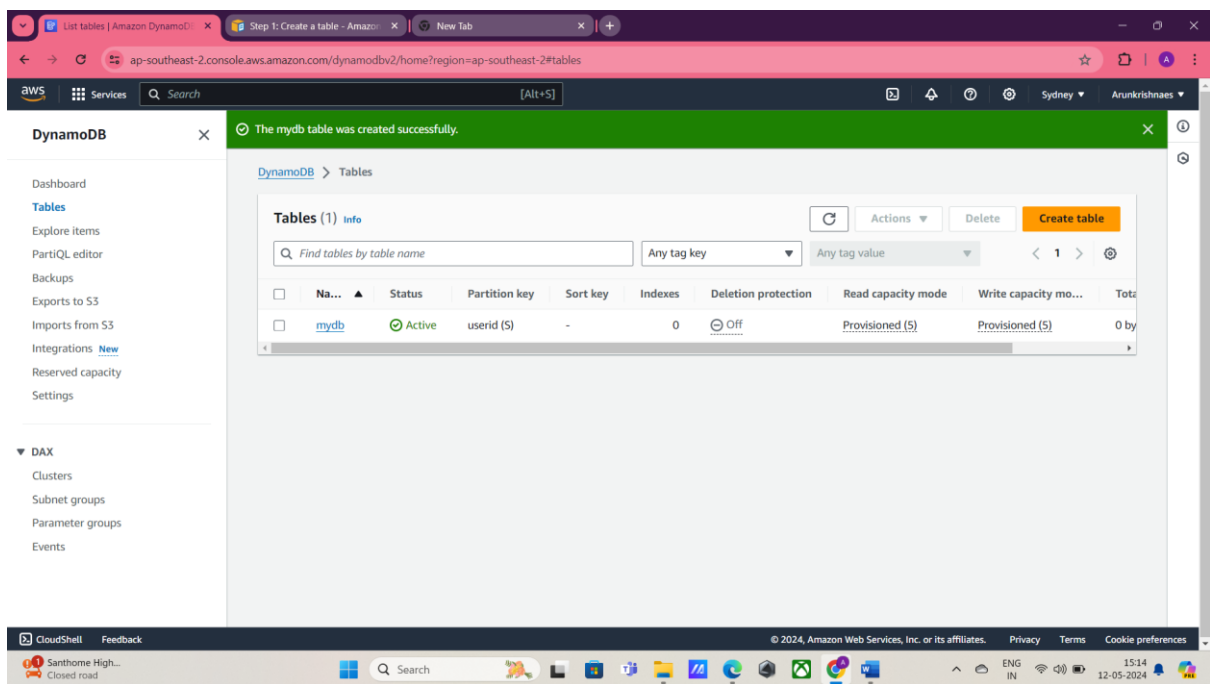
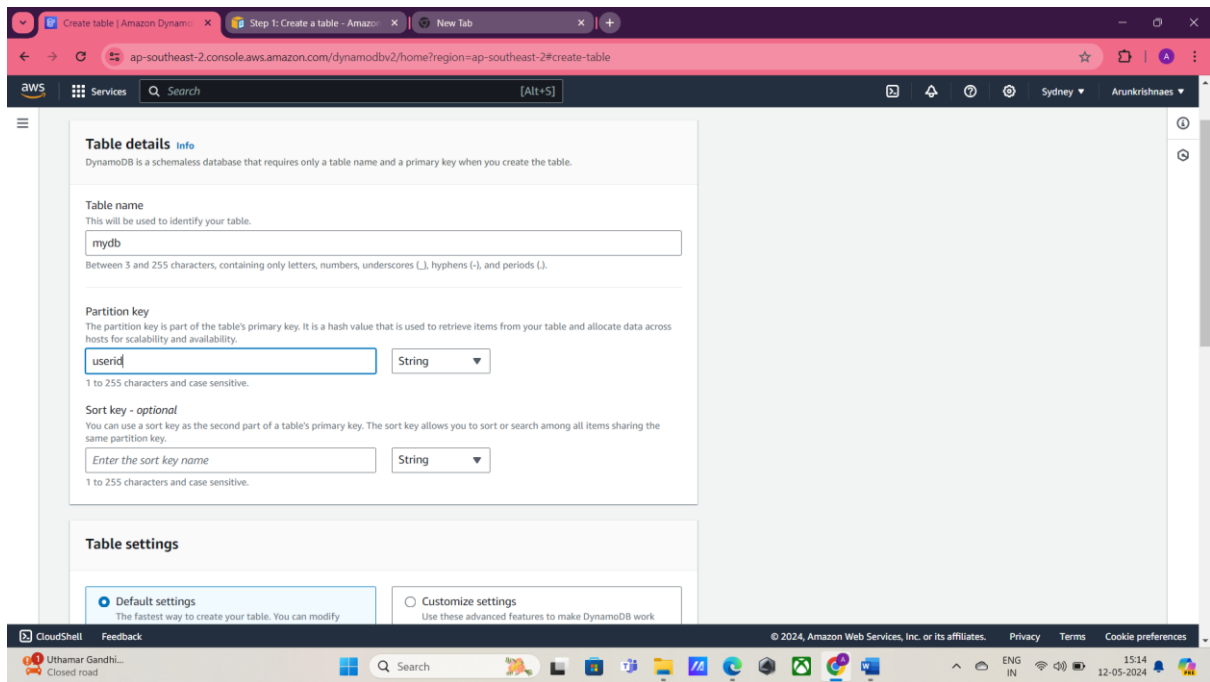
## Problem Statement:

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





ap-southeast-2.console.aws.amazon.com/dynamodbv2/home?region=ap-southeast-2#tables

**DynamoDB**

Dashboard  
Tables  
Explore items  
 PartiQL editor  
 Backups  
 Exports to S3  
 Imports from S3  
 Integrations **New**  
 Reserved capacity  
 Settings

▼ **DAX**  
 Clusters  
 Subnet groups  
 Parameter groups  
 Events

**Tables (1/1) Info**

Find tables by table name Any tag key Any tag value

<input checked="" type="checkbox"/>	Na...	Status	Partition key	Sort key	Indexes	Deletion protection	Re
<input checked="" type="checkbox"/>	mydb	Active	userid (S)	-	0	Off	Pr

Actions ▲ Delete Create table

- Update settings
- Explore items
- Add tag to selection
- Remove tags from selection
- Turn on deletion protection

1 > ⚙

ity mo... Total

(5) 0 by

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ap-southeast-2.console.aws.amazon.com/dynamodbv2/home?region=ap-southeast-2#item-explorer/table=mydb

**DynamoDB**

Dashboard  
Tables  
Explore items  
 PartiQL editor  
 Backups  
 Exports to S3  
 Imports from S3  
 Integrations **New**  
 Reserved capacity  
 Settings

▼ **DAX**  
 Clusters  
 Subnet groups  
 Parameter groups  
 Events

Find tables by table name

1 > ⚙

mydb

Scan Query

Select a table or index Select attribute projection

Table - mydb All attributes

Filters

Run Reset

Completed. Read capacity units consumed: 0.5

Items returned (0)

Actions ▼ Create item

1 > ⚙

No items

No items to display.

Create item

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Items | Amazon DynamoDB M... x

ap-southeast-2.console.aws.amazon.com/dynamodbv2/home?region=ap-southeast-2#item-explorer?operation=SCAN&table=mydb

Services Search [Alt+S]

DynamoDB x mydb

Dashboard  
Tables  
Explore items  
 PartiQL editor  
 Backups  
 Exports to S3  
 Imports from S3  
 Integrations [New](#)  
 Reserved capacity  
 Settings

▼ DAX  
 Clusters  
 Subnet groups  
 Parameter groups  
 Events

Table: mydb All attributes

Filters

Run Reset

Completed. Read capacity units consumed: 0.5

Items returned (1/5)

Actions Create item

< 1 > ⚙

	userid (String)	age	city	first_name	frist_name	se
<input type="checkbox"/>	5					
<input type="checkbox"/>	4					
<input type="checkbox"/>	3	23	chennai	gokul		k
<input checked="" type="checkbox"/>	2	18	chennai	geetha		d
<input type="checkbox"/>	1					

CloudShell Feedback

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Search

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List backups | Amazon Dynam... x

ap-southeast-2.console.aws.amazon.com/dynamodbv2/home?region=ap-southeast-2#list-backups

Services Search [Alt+S]

DynamoDB x

Dashboard  
Tables  
Explore items  
 PartiQL editor  
 Backups  
 Exports to S3  
 Imports from S3  
 Integrations [New](#)  
 Reserved capacity  
 Settings

▼ DAX  
 Clusters  
 Subnet groups  
 Parameter groups  
 Events

DynamoDB > Backups

## Backups [Info](#)

**Backup settings** [Info](#) [Turn off](#)

Settings apply to new backups in this account and Region.

Advanced features with AWS Backup [Activated](#)

Allow options for cross-Region and cross-account copy, cost allocation tags, and cold storage tiering for backups.

**Backups (0)** [Info](#) [Refresh](#) [View details](#) [Restore](#) [Copy](#) [Delete](#) [Create backup](#)

[Schedule automatic backups](#) and [view backup job details](#) in [AWS Backup](#)

Find backups by ARN or name

	Name	Table	Status	Creation time	ARN	Size
No backups						

Create a backup to save your data.

[Create backup](#)

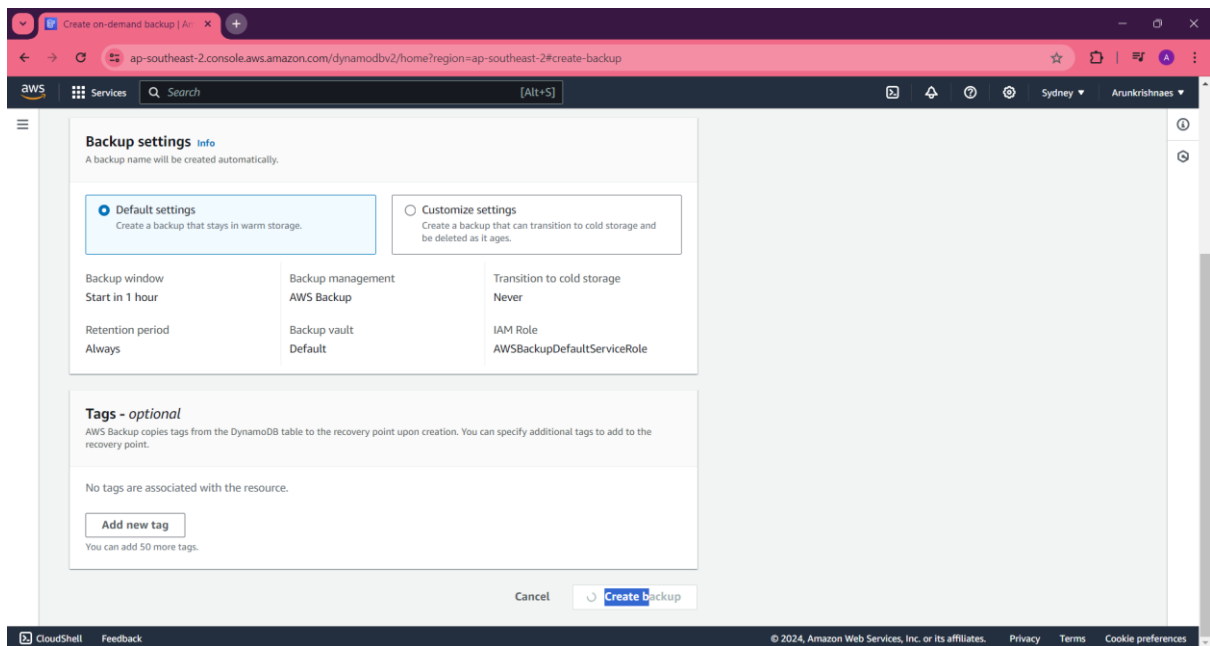
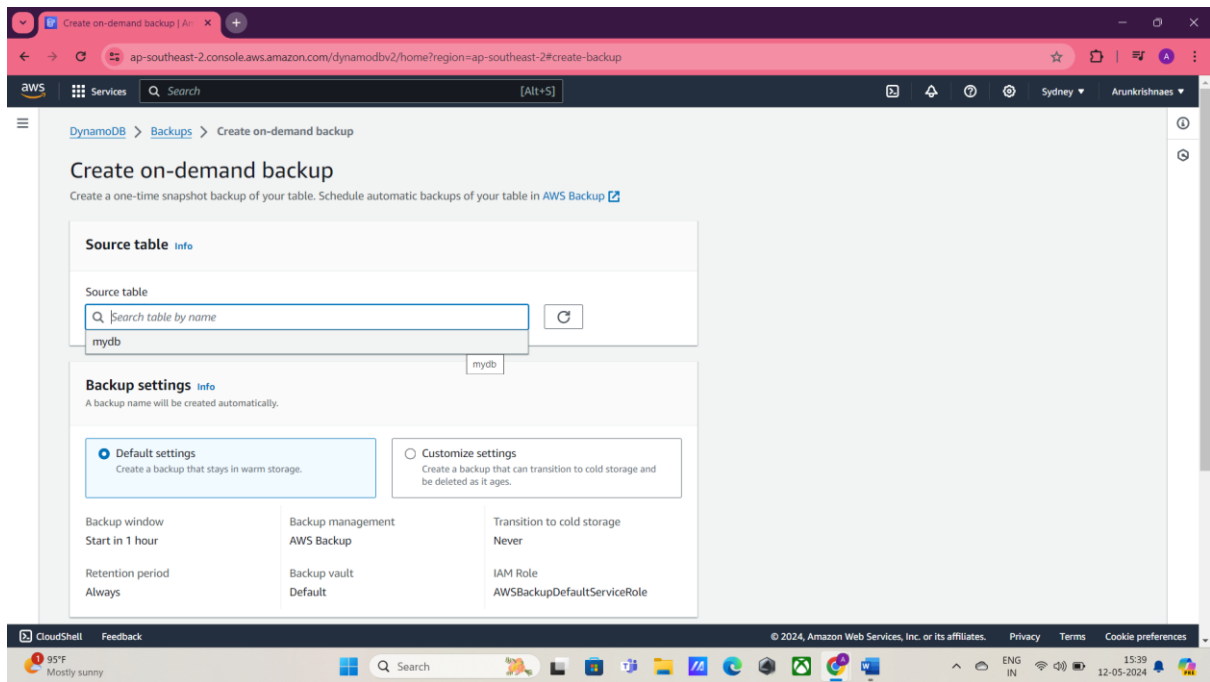
https://ap-southeast-2.console.aws.amazon.com/dynamodbv2/home?region=ap-southeast-2#partiql-editor

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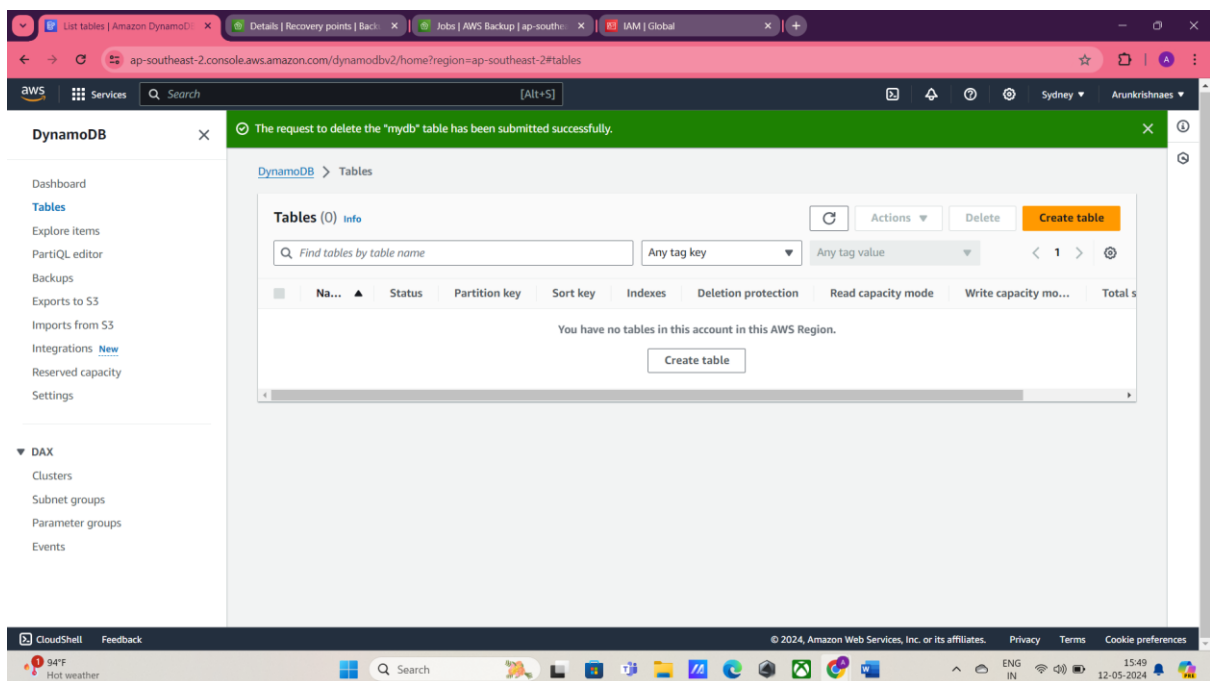
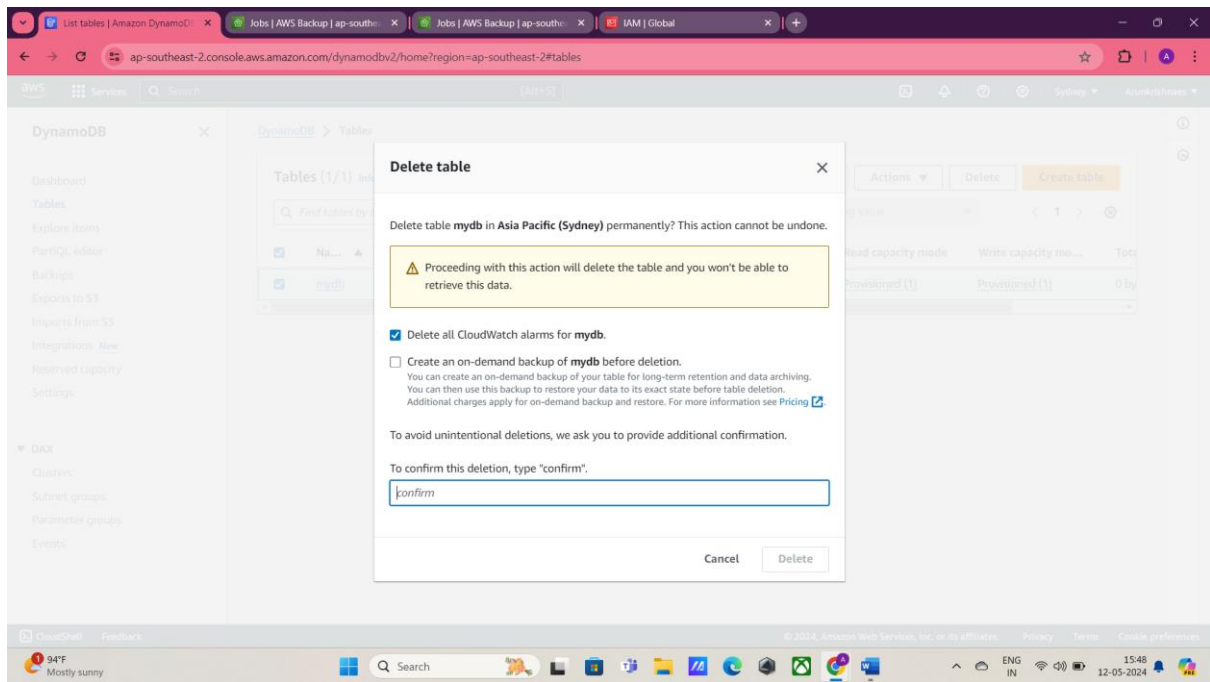
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Search

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ap-southeast-2.console.aws.amazon.com/backup/home?region=ap-southeast-2#/backupvaults/details/Default/arm%3Aaws%3Abackup%3Aap-southeast-2%3A765940942684%3Arecovery-poin...

Services

[Alt+S]

Sydney

Arunkrishnaes

AWS Backup > Backup vaults > Default > Restore backup

Restore backup

Settings

New table name

mydb

Between 3 and 255 characters long. (A-Z,a-z,0-9,-,\_)

Original table name

mydb

Backup ARN

arn:aws:backup:ap-southeast-2:765940942684:recovery-point:94d49231-8317-441a-ace3-a3cb3111d3ff

Primary partition key

userid

Sort key

-

Provisioned read capacity units

1

Provisioned write capacity units

1

Encryption type

Default

KMS encryption key ARN

Not Applicable

Auto scaling

Disabled

Stream enabled

Disabled

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Search

ENG IN

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ap-southeast-2.console.aws.amazon.com/backup/home?region=ap-southeast-2#/backupvaults/details/Default/arm%3Aaws%3Abackup%3Aap-southeast-2%3A765940942684%3Arecovery-poin...

Services

[Alt+S]

Sydney

Arunkrishnaes

AWS Backup > Backup vaults > Default > 94d49231-8317-441a-ace3-a3cb3111d3ff - DynamoDB

94d49231-8317-441a-ace3-a3cb3111d3ff - DynamoDB

Copy Delete Restore

Details

ARN

arn:aws:backup:ap-southeast-2:765940942684:recovery-point:94d49231-8317-441a-ace3-a3cb3111d3ff

Resource type

DynamoDB

Status

Completed

Backup type

Backup

Creation time

May 12, 2024, 15:43:40 (UTC+05:30)

Resource name

mydb

Resource ID

table/mydb

Storage tier

Warm

Backup summary

Edit

Backup type

Manual

Backup vault

Default

Backup plan

-

Expiration date

-

Move to cold date

-

IAM role

Default role

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Search

ENG IN

15:49 12-05-2024



ap-southeast-2.console.aws.amazon.com/backup/home?region=ap-southeast-2#/jobs/restore

ServicesSearch[Alt+S]

SydneyArunkrishnaes

AWS Backup

My account

Dashboard

Jobs dashboard New

Backup vaults

Backup vault locks New

Backup plans

Protected resources

Jobs

Restore testing New

Legal holds New

Settings

External resources

Gateways New

Hypervisors

Virtual machines

My organization

Cross-account monitoring

Backup policies

Restore in progress for 94d49231-8317-441a-ace3-a3cb3111d3ff

This may take several hours. For status updates and to view the resource, go to the DynamoDB console.

AWS Backup > Jobs

Jobs

In jobs, you can monitor the status and other details of backup, restore, and copy activity.

Backup jobs

Restore jobs

Copy jobs

Restore jobs (1) Info

Records of your backup restoration.

Filter restore jobs by job ID, status or resource ID

Restore job ID

Status

Restore time

Restore type

Resource ID

Resource type

Creation time

35AE877E-C18B-2688-0668-02AE656A8009

Completed

3 minutes

Restore

table/mydb

DynamoDB

May 12, 2024, 15:00

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Search

ENG IN 15:55 12-05-2024

ap-southeast-2.console.aws.amazon.com/dynamodbv2/home?region=ap-southeast-2#tables

ServicesSearch[Alt+S]

SydneyArunkrishnaes

DynamoDB

Dashboard

Tables

Explore items

PartiQL editor

Backups

Exports to S3

Imports from S3

Integrations New

Reserved capacity

Settings

DAX

Clusters

Subnet groups

Parameter groups

Events

DynamoDB > Tables

Tables (1) Info

Find tables by table name

Any tag key

Any tag value

Na...

Status

Partition key

Sort key

Indexes

Deletion protection

Read capacity mode

Write capacity mo...

Total s

mydb

Active

user1 (S)

-

0

Off

Provisioned (1)

Provisioned (1)

0 byte

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Search

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