

DynamoDB [NoSql]

Database

Amazon DynamoDB

A fast and flexible
NoSQL database
service for any scale

DynamoDB is a fully managed, key-value, and document database that delivers single-digit-millisecond performance at any scale.

Get started

Create a new table to start exploring
DynamoDB.

Create table

Table name

This will be used to identify your table.

test-dynamodb-1

Between 3 and 255 characters, containing only letters, numbers, underscores (_), hyphens (-), and periods (.).

Partition key

The partition key is part of the table's primary key. It is a hash value that is used to retrieve items from your table and allocate data across hosts for scalability and availability.

EmpId

Number ▼

1 to 255 characters and case sensitive.

Sort key - optional

You can use a sort key as the second part of a table's primary key. The sort key allows you to sort or search among all items sharing the same partition key.

Enter the sort key name

String ▼

1 to 255 characters and case sensitive.

Table settings

☐ Default settings

The fastest way to create your table. You can modify these settings now or after your table has been created.

☒ Customize settings

Use these advanced features to make DynamoDB work better for your needs.

Table class

Select table class to optimize your table's cost based on your workload requirements and data access patterns.

Choose table class

☒ DynamoDB Standard

The default general-purpose table class. Recommended for the vast majority of tables that store frequently accessed data, with throughput (reads and writes) as the dominant table cost.

☐ DynamoDB Standard-IA

Recommended for tables that store data that is infrequently accessed, with storage as the dominant table cost.

Read/write capacity settings [Info](#)

Capacity mode

☒ Provisioned

Manage and optimize your costs by allocating read/write capacity in advance.

☐ On-demand

Simplify billing by paying for the actual reads and writes your application performs.

Read capacity

Auto scaling [Info](#)

Dynamically adjusts provisioned throughput capacity on your behalf in response to actual traffic patterns.

☐ On

☒ Off

Provisioned capacity units

Write capacity

Auto scaling [Info](#)

Dynamically adjusts provisioned throughput capacity on your behalf in response to actual traffic patterns.

☐ On

☒ Off

Provisioned capacity units

DynamoDB > Tables

Tables (1/1) Info

Find tables

Any tag key

Any tag value

< 1 >

<input checked="" type="checkbox"/>	Name	Status	Partition key	Sort key	Indexes	Deletion protection
<input checked="" type="checkbox"/>	test-dynamodb-1	Active	Empld (N)	-	0	Off

Tables (1/1) Info

Find tables

Any tag key

Update settings

Explore items

Add tag to selection

Remove tags from selection

Turn on deletion protection

1 >

<input checked="" type="checkbox"/>	Name	Status	Partition key	Sort key
<input checked="" type="checkbox"/>	test-dynamodb-1	Active	Empld (N)	-

Create item

You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. [Learn more](#)

FormJSON view

Attributes

Add new attribute

Attribute name	Value	Type
Empld - Partition key	7001	Number
Attribute name	Empty value	String

CancelCreate item

Items returned (1)

Actions

Create item

< 1 >

<input type="checkbox"/>	Empld (Number)	Ename
<input type="checkbox"/>	7001	varshith

Items returned (1/2)

Actions

Create item

Edit item

Duplicate item

Delete items

Download selected items to CSV

Download results to CSV

<input type="checkbox"/>	Empld (Number)	Ename
<input checked="" type="checkbox"/>	7002	
<input type="checkbox"/>	7001	varshith

expand to query or scan items.

Completed. Read capacity units consumed: 0.5

Items returned (1/1)

7001

varshith

Duplicate item

Delete items

Download selected items to CSV

Download results to CSV

Actions ▲

Create item

1

⚙️

✖️

Attributes

Attribute name

Value

Type

EmplId - Partition key

7001

Number

Ename

Hello

String

Remove

Partition keys and sort keys must be unique before you can copy items.

[TO SOLVE THIS WE ARE GOING TO USE SORT KEY + PRIMARY KEY IN NEW TABLE]

Table name

This will be used to identify your table.

DynamoDB-Test-2-GameRank

Between 3 and 255 characters, containing only letters, numbers, underscores (_), hyphens (-), and periods (.).

Partition key

The partition key is part of the table's primary key. It is a hash value that is used to retrieve items from your table and allocate data across hosts for scalability and availability.

RankNo

Number ▼

1 to 255 characters and case sensitive.

Sort key - optional

You can use a sort key as the second part of a table's primary key. The sort key allows you to sort or search among all items sharing the same partition key.

UserId

String ▼

1 to 255 characters and case sensitive.

Tables (1/2) Info							
Find tables		Any tag key ▼	Any tag value ▼		1		
	Name	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode
<input checked="" type="checkbox"/>	DynamoDB-Test-2-GameRank	Active	RankNo (N)	UserId (S)	0	Off	Provisioned (1)
<input type="checkbox"/>	test-dynamodb-1	Active	EmplId (N)	-	0	Off	Provisioned (1)

Items returned (2)

Actions

Create item

< 1 >

<input type="checkbox"/>	RankNo (Number)	▼	UserId (String)	▼
<input type="checkbox"/>	1		Beta	
<input type="checkbox"/>	1		alpha	

BACK UP

[DynamoDB](#) > [Backups](#) > Create on-demand backup

Create on-demand backup

Create a one-time snapshot backup of your table. Schedule automatic backups of your table in [AWS Backup](#)

Source table

Source table

DynamoDB-Test-2-GameRank

Delete table

Delete table **DynamoDB-Test-2-GameRank** in **Asia Pacific (Mumbai)** permanently? This action cannot be undone.

Proceeding with this action will delete the table and you won't be able to retrieve this data.

☒ Delete all CloudWatch alarms for **DynamoDB-Test-2-GameRank**.

☐ Create an on-demand backup of **DynamoDB-Test-2-GameRank** before deletion.

You can create an on-demand backup of your table for long-term retention and data archiving. You can then use this backup to restore your data to its exact state before table deletion. Additional charges apply for on-demand backup and restore. For more information see [Pricing](#)

To avoid unintentional deletions, we ask you to provide additional confirmation.

To confirm this deletion, type "confirm".

confirm

Cancel

Delete