

DynamoDB

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Share your feedback on Amazon DynamoDB

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Share feedback

Introducing deletion protection for DynamoDB tables.

Deletion protection for a DynamoDB table protects the table from being deleted unintentionally. While this setting is on, you can't delete the table. [Learn more](#)

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

Pricing

DynamoDB charges for reading, writing, and storing data in your DynamoDB tables, along with any optional features you choose to turn on. DynamoDB

How it works

Create table

Table details [Info](#)

DynamoDB is a schemaless database that requires only a table name and a primary key when you create the table.

Table name

This will be used to identify your table.

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.

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.

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.

► Capacity calculator

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Read/write capacity settings [Info](#)

Capacity mode

☐ On-demand

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

☒ Provisioned

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

Read capacity

Auto scaling [Info](#)

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

☒ On☐ Off

Minimum capacity units

1

Maximum capacity units

10

Target utilization (%)

70

Write capacity

Auto scaling [Info](#)

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

☒ On☐ Off

Minimum capacity units

Maximum capacity units

Target utilization (%)

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🎉 The mytable table was created successfully.



DynamoDB > Tables

Tables (1) [Info](#)



Actions ▼

Delete

Create table

🔍 Find tables by table name

Any table tag ▼

< 1 > ⚙️

<input type="checkbox"/>	Na... ▲	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity mod
<input type="checkbox"/>	mytable	🟢 Active	myname (S)	-	0	⊖ Off	Provisioned with auto scaling (1)	Provisioned with aut

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DynamoDB > Items: mytable > Edit item

Create item

Form

JSON view

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](#)

Attributes

Add new attribute ▼

+ Attribute name

Value

Type

myname - Partition key

Diah

String

Cancel

Create item

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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

AttributesAdd new attribute ▼

Attribute name	Value	Type	
myname - Partition key	Diah	String	
mynumber	Insert a field	Number set	Remove
0	123456789	Number	Remove
1	234567890	Number	Remove
Student	<input type="radio"/> True <input checked="" type="radio"/> False	Boolean	Remove
listitems	Insert a field ▼	List	Remove
0	firstname	String	Remove
1	lastname	String	Remove
mymap	Insert a field ▼	Map	Remove
mapvalue	10	Number	Remove

CancelCreate item

Tables (1) ×

Any table tag ▼

Find tables by table name

< 1 > ⚙

☒ mytable

mytable

Autopreview

View table details

▼ Scan or query items

☐ Scan ☒ Query

Select a table or index
Table - mytable ▼

Select attribute projection
All attributes ▼

myname (Partition key)
Diah

► Filters

✔ Completed. Read capacity units consumed: 0.5 ×

Items returned (1) ↻ Actions ▼ Create item

< 1 > ⚙ ⌕

<input type="checkbox"/>	myname ▼	listitems ▼	mymap ▼	mynumber ▼	Student ▼
<input type="checkbox"/>	Diah	[{"S": "firs...	{ "mapvalue...	(23456789...	false

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DynamoDB > Tables > mytable

Tables (1)

Any table tag

Find tables by table name

mytable

mytable

OverviewIndexesMonitorGlobal tablesBacku

Protect your DynamoDB table from accidental writes and deletes

When you turn on point-in-time recovery (PITR), DynamoDB backs up y automatically so that you can restore to any given second in the preced Additional charges apply. [Learn more](#)

General information

Partition key	Sort key	Capacity mode	Table status
myname (String)	-	Provisioned	Active

Actions

Explore table items

Edit capacity

Update table class

Delete table

Create item

Create index

Create replica

Export to S3

Turn on TTL

Manage tags

Create access control policy

DynamoDB



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✓ The request to delete the "mytable" table has been submitted successfully.

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DAX

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Tables (1) [Info](#)

[Actions](#)[Delete](#)[Create table](#)[<](#) [1](#) [>](#) [Settings](#)

<input type="checkbox"/>	Na... ▲	Status	Partition key	Sort key	Indexes	Deletion protection	Read capacity mode	Write capacity mo...	To
<input type="checkbox"/>	mytable	⚠ Deleting	-	-	0	⊖ Off	Provisioned (1)	Provisioned (1)	0