

EN-US

browser tabs at the same time so that you can follow the lab steps.

⚠ Do not change the lab Region unless specifically instructed to do so.

## Task 1: Create a new table

In this task, you create a new table named **Music** in DynamoDB. Each table requires a partition key (or a primary key) that is used to partition data across DynamoDB servers. A table can also have a sort key. The combination of a partition key and sort key uniquely identifies each item in a DynamoDB table.

5. In the AWS Management Console, choose the **Services** menu. Under **Database**, choose **DynamoDB**.
6. Choose **Create table**.
7. For the **Table name**, enter `Music`
8. For the **Partition key**, enter `Artist` and leave **String** selected in the dropdown list.
9. For **Sort key - optional**, enter `Song` and leave **String** selected.

Your table will use the default settings for indexes and provisioned capacity.

10. Scroll down, and choose **Create table**.

The table will be created in less than 1 minute. Wait for the **Music** table to be **Active** before moving on to the next task.

## Task 2: Add data

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Share feedback

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 has on-demand capacity mode and provisioned capacity mode, and these modes have pricing for processing reads and writes on your tables.

Learn more about pricing

How it works

What is Amazon DynamoDB?

Copy link

# 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.

String ▼

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.

String ▼

1 to 255 characters and case sensitive.

## Table settings

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DynamoDB > Tables

### Tables (1/1) [Info](#)

Find tables by table name

Any tag key



Actions

Delete

Create table

Update settings

Explore items

Add tag to selection

Remove tags from selection

Turn on deletion protection

<input checked="" type="checkbox"/>	Na...	Status	Partition key	Sort key	Indexes	Deletion protection	Read
<input checked="" type="checkbox"/>	<a href="#">Music</a>	Active	Artist (S)	Song (S)	0	Off	Provi...



Search





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DynamoDB > Explore items > Music

Tables (1)

Any tag key

Any tag value

Find tables by table name

1

Music

Music

Autopreview

View table details

Scan or query items

Expand to query or scan items.

Completed. Read capacity units consumed: 0.5

Items returned (0)

Actions

Create item

No items

No items to display.

Create item

## 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](#)

Attributes

Add new attribute ▼

<div>+ Attribute name</div>	Value	Type	
Artist - Partition key	<input type="text" value="AMAR"/>	String	
Song - Sort key	<input type="text" value="amarnath"/>	String	
<div><input type="text" value="Year"/></div>	<input type="text" value="1999"/>	Number	<div>Remove</div>

Cancel

Create item

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### Tables (1)

Any tag key

Any tag value

Find tables by table name

< 1 > ⚙

Music

## Music

Autopreview

View table details

### ▼ Scan or query items

Scan

Query

Select a table or index

Table - Music

Select attribute projection

Specific attributes

Specific attributes to project

Enter attribute name

Add attribute

Song X

### ▼ Filters

Attribute name

Song X

Type

String

Condition

Equal to

Value

amarnath

Remove

Add filter

Run

Reset

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17:02

07-01-2024