

### Experiment 4

<b>Title:</b>	<b>Fundamentals of AWS Cloud Storage and Database Operations Lab</b>	<b>LO2</b>	
<b>Student Name</b>	<u>Mork Lopez</u>	<b>Roll no.</b>	<u>9943</u>
Sign here to indicate that you have read all relevant material provided/ available on Moodle/ Classroom while performing and writing this experiment			

**Rubrics:**

Criteria	Excellent	Good	Satisfactory	Poor	Total Marks
<b>AWS S3 Mastery (R1)</b>	Complete mastery over S3, including advanced bucket management, security features, and clear, comprehensive documentation with screenshots. (4)	Good understanding and application of S3 features with minor documentation or detail lapses. (3)	Basic bucket management and security implementation, with satisfactory documentation. (2)	Incomplete tasks, unclear documentation, or significant misunderstandings of S3 features. (1)	03
<b>AWS S3 Glacier Proficiency (R2)</b>	Full proficiency in using S3 Glacier for data archiving, including successful integration with other AWS services, documented with clear screenshots. (4)	Good use of S3 Glacier with minor issues in integration or documentation. (3)	Basic use of S3 Glacier for data archiving, with gaps in integration documentation or screenshots. (2)	Poor understanding or application of S3 Glacier, with significant documentation or integration issues. (1)	03
<b>Amazon RDS Management (R3)</b>	Excellent setup, operation, and scaling of databases using Amazon RDS, with comprehensive documentation including screenshots of the instance, connectivity, and data manipulation. (5)	Good setup and operation with minor issues in scaling or detailed documentation. (4)	Basic ability to set up and operate RDS instances, with noticeable gaps in documentation or scalability. (3)	Incomplete setup, poor operation practices, or significant documentation issues. (2)	04
<b>AWS DynamoDB Understanding (R4)</b>	Complete understanding and deployment of applications using AWS DynamoDB, with detailed documentation of the deployment process and application use. (5)	Good deployment with minor issues in application use or documentation completeness. (4)	Basic understanding and application deployment with noticeable gaps in documentation or application functionality. (3)	Poor deployment with significant misunderstanding of DynamoDB concepts or application integration. (2)	04
<b>Punctuality of Submission (R5)</b>	On time (2)	1-week late (1)	2-weeks late (0)	More than 2 weeks late (Deduct up to 5 marks)	1
<b>Total Marks</b>					15







Create database [Info](#)

Choose a database creation method

- ☒ **Standard create**  
You set all of the configuration options, including ones for availability, security, backups, and maintenance.
- ☐ **Easy create**  
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

Engine options

Engine type [Info](#)

<input type="radio"/> Aurora (MySQL Compatible) 	<input type="radio"/> Aurora (PostgreSQL Compatible) 
<input type="radio"/> MySQL 	<input checked="" type="radio"/> PostgreSQL 
<input type="radio"/> MariaDB 	<input type="radio"/> Oracle 

Engine version

PostgreSQL 16.8-R1

- ☐ **Enable RDS Extended Support** [Info](#)  
Amazon RDS Extended Support is a [paid offering](#). By selecting this option, you consent to being charged for this offering if you are running your database major version past the RDS end of standard support date for that version. Check the end of standard support date for your major version in the [RDS for PostgreSQL documentation](#).

Templates

Choose a sample template to meet your use case.

- ☐ **Production**  
Use defaults for high availability and fast, consistent performance.
- ☐ **Dev/Test**  
This instance is intended for development use outside of a production environment.
- ☒ **Free tier**  
Use RDS Free Tier to develop new applications, test existing applications, or gain hands-on experience with Amazon RDS. [Info](#)

Availability and durability

Deployment options [Info](#)

Choose the deployment option that provides the availability and durability needed for your use case. AWS is committed to a certain level of uptime depending on the deployment option you choose. Learn more in the [Amazon RDS service level agreement \(SLA\)](#).

<input type="radio"/> <b>Multi-AZ DB cluster deployment (3 instances)</b> Creates a primary DB instance with two readable standbys in separate Availability Zones. This setup provides: <ul style="list-style-type: none"><li>99.95% uptime</li><li>Redundancy across Availability Zones</li><li>Increased read capacity</li><li>Reduced write latency</li></ul>	<input type="radio"/> <b>Multi-AZ DB instance deployment (2 instances)</b> Creates a primary DB instance with a non-readable standby instance in a separate Availability Zone. This setup provides: <ul style="list-style-type: none"><li>99.95% uptime</li><li>Redundancy across Availability Zones</li></ul>	<input checked="" type="radio"/> <b>Single-AZ DB instance deployment (1 instance)</b> Creates a single DB instance without standby instances. This setup provides: <ul style="list-style-type: none"><li>99.5% uptime</li><li>No data redundancy</li></ul>
<div>Write/read endpoint AZ1</div> <div>Reader endpoints AZ2</div>	<div>Write/read endpoint AZ1</div> <div>Standby (no endpoint) AZ2</div>	<div>Write/read endpoint AZ1</div>

DB instance identifier [Info](#)

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

postgres

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 63 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ Credentials Settings

Master username [Info](#)

Type a login ID for the master user of your DB instance.

postgres

1 to 16 alphanumeric characters. The first character must be a letter.

Credentials management

You can use AWS Secrets Manager or manage your master user credentials.

- ☐ **Managed in AWS Secrets Manager - most secure**  
RDS generates a password for you and manages it throughout its lifecycle using AWS Secrets Manager.
- ☒ **Self managed**  
Create your own password or have RDS create a password that you manage.

☐ **Auto generate password**

Amazon RDS can generate a password for you, or you can specify your own password.

Master password [Info](#)

\*\*\*\*\*

Password strength **Strong**

Minimum constraints: At least 8 printable ASCII characters. Can't contain any of the following symbols: / ' \* @

Confirm master password [Info](#)

\*\*\*\*\*

▼ Hide filters

☐ Include previous generation classes

☐ Standard classes (includes m classes)

☐ Memory optimized classes (includes r and x classes)

☒ Burstable classes (includes t classes)

db.t4g.micro

2 vCPUs 1 GiB RAM Network: Up to 2,085 Mbps



## Storage

### Storage type [Info](#)

Provisioned IOPS SSD (io2) storage volumes are now available.

General Purpose SSD (gp2)

Baseline performance determined by volume size



### Allocated storage [Info](#)

20

GiB

Allocated storage value must be 20 GiB to 6,144 GiB

### ► Additional storage configuration

#### Connect to an EC2 compute resource

☒ Don't connect to an EC2 compute resource  
Don't set up a connection to a compute resource for this database. You can manually set up a connection to a compute resource later.

☐ Connect to an EC2 compute resource

Set up a connection to an EC2 compute resource for this database.

#### Virtual private cloud (VPC) [Info](#)

Choose the VPC. The VPC defines the virtual networking environment for this DB instance.

Default VPC (vpc-00a8b71bb6e71c81d)

3 Subnets, 3 Availability Zones



Only VPCs with a corresponding DB subnet group are listed.

ⓘ After a database is created, you can't change its VPC.

#### DB subnet group [Info](#)

Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.

default-vpc-00a8b71bb6e71c81d

3 Subnets, 3 Availability Zones



#### Public access [Info](#)

☒ Yes  
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.

☐ No  
RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.

#### VPC security group (firewall) [Info](#)

Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.

#### VPC security group (firewall) [Info](#)

Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

☒ Choose existing

Choose existing VPC security groups

☐ Create new

Create new VPC security group

#### Existing VPC security groups

Choose one or more options



default



#### Availability Zone [Info](#)

No preference



#### RDS Proxy

RDS Proxy is a fully managed, highly available database proxy that improves application scalability, resiliency, and security.

☐ Create an RDS Proxy [Info](#)

RDS automatically creates an IAM role and a Secrets Manager secret for the proxy. RDS Proxy has additional costs. For more information, see [Amazon RDS Proxy pricing](#).

#### Certificate authority - optional [Info](#)

Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database. It does so by checking the server certificate that is automatically installed on all databases that you provision.

rds-ca-rsa2048-g1 (default)

Expiry: May 20, 2061




If you don't select a certificate authority, RDS chooses one for you.

## Connectivity & security

### Endpoint & port

#### Endpoint

 postgres.cfck6ukym323.ap-south-1.rds.amazonaws.com

#### Port

5432

### Networking

#### Availability Zone

ap-south-1c

#### VPC

vpc-00a8b71bb6e71c81d

#### Subnet group

default-vpc-00a8b71bb6e71c81d

#### Subnets

subnet-0495f3380099a5529

subnet-0916d6899691790d2

subnet-0100d1cf77544d69c

#### Network type

IPv4

### Security

#### VPC security groups

default (sg-07737f3f010c7b8c5)

 Active

#### Publicly accessible

Yes

#### Certificate authority [Info](#)

rds-ca-rsa2048-g1

#### Certificate authority date

May 20, 2061, 00:10 (UTC+05:30)

#### DB instance certificate expiration date

March 29, 2026, 22:28 (UTC+05:30)

## Connected compute resources (0) [Info](#)

```
ubuntu@ip-172-31-7-194: ~/a  ×  +  v
Insta
ubuntu@ip-172-31-7-194:~/aws-rds$ sudo vim /etc/nginx/sites-available/demo|

server {
    listen 80;
    server_name 3.109.202.125;

    location / {
        proxy_pass http://127.0.0.1:3000;
        proxy_http_version 1.1;
        proxy_set_header Upgrade $http_upgrade;
        proxy_set_header Connection 'upgrade';
        proxy_set_header Host $host;
        proxy_cache_bypass $http_upgrade;
    }
}

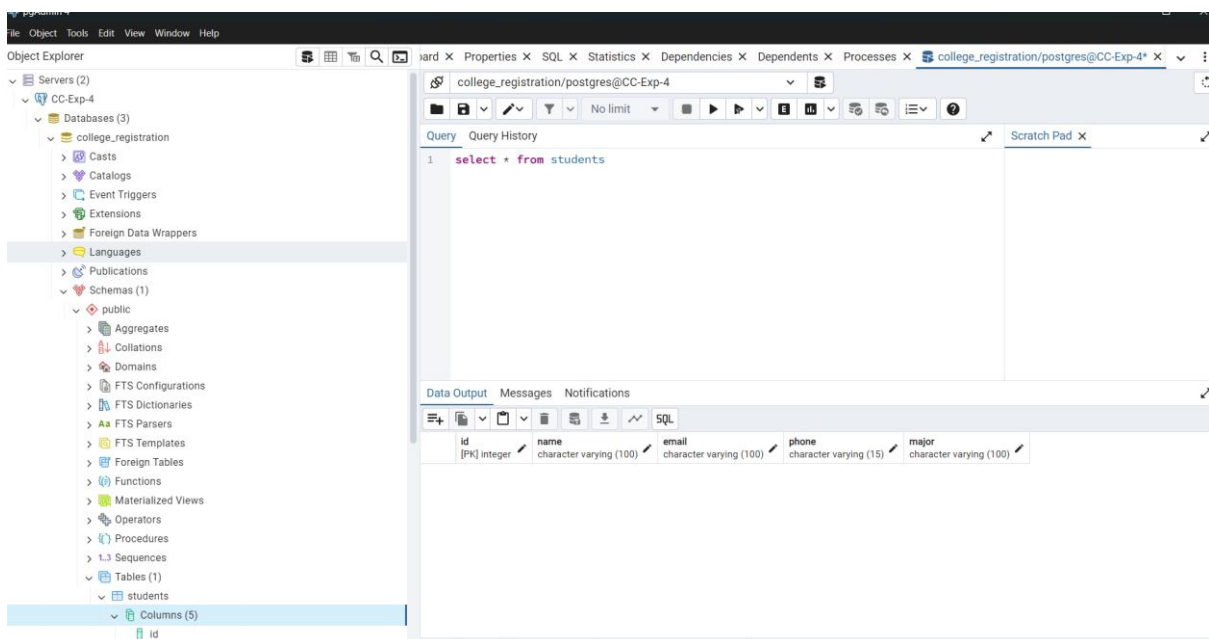
ubuntu@ip-172-31-7-194: ~/a  ×  +  v
ubuntu@ip-172-31-7-194:~/aws-rds$ sudo ln -s /etc/nginx/sites-available/demo /etc/nginx/sites-enabled
ubuntu@ip-172-31-7-194:~/aws-rds$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
ubuntu@ip-172-31-7-194:~/aws-rds$ sudo service nginx restart
ubuntu@ip-172-31-7-194:~/aws-rds$
```

```
ubuntu@ip-172-31-7-194: ~/a X Windows PowerShell X + v
(env) ubuntu@ip-172-31-7-194:~/aws-rds$ sudo vim config.py
(env) ubuntu@ip-172-31-7-194:~/aws-rds$ gunicorn -b 0.0.0.0:3000 app:app
[2025-03-29 17:06:21 +0000] [2561] [INFO] Starting gunicorn 23.0.0
[2025-03-29 17:06:21 +0000] [2561] [INFO] Listening at: http://0.0.0.0:3000 (2561)
[2025-03-29 17:06:21 +0000] [2561] [INFO] Using worker: sync
[2025-03-29 17:06:21 +0000] [2562] [INFO] Booting worker with pid: 2562

PS C:\Users\Mark Lopes> psql -h postgres.cfck6ukym323.ap-south-1.rds.amazonaws.com -U postgres -d postgres
Password for user postgres:

psql (16.4, server 16.8)
WARNING: Console code page (437) differs from Windows code page (1252)
8-bit characters might not work correctly. See psql reference
page "Notes for Windows users" for details.
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, compression: off)
Type "help" for help.

postgres=> CREATE DATABASE college_registration;
CREATE DATABASE
postgres=> \c college_registration;
psql (16.4, server 16.8)
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, compression: off)
You are now connected to database "college_registration" as user "postgres".
college_registration=>
college_registration=> CREATE TABLE students (
college_registration(>     id SERIAL PRIMARY KEY,
college_registration(>     name VARCHAR(100) NOT NULL,
college_registration(>     email VARCHAR(100) UNIQUE NOT NULL,
college_registration(>     phone VARCHAR(15),
college_registration(>     major VARCHAR(100)
college_registration(> );
CREATE TABLE
college_registration=> |
```



• Student Registration

## Register New Student

Name

Email

Phone

Major

Register

• Student Registration

## Register New Student

mark

test1@gmail.com

1245678

Comps

Register

Student Registration

## Register New Student

Register

**Name:** mark

**Email:** test1@gmail.com

**Phone:** 1245678

**Major:** Comps



Object Explorer

- Servers (2)
  - CC-Exp-4
    - Databases (3)
      - college\_registration
        - Casts
        - Catalogs
        - Event Triggers
        - Extensions
        - Foreign Data Wrappers
        - Languages
        - Publications
        - Schemas (1)
          - public
            - Aggregates
            - Collations
            - Domains
            - FTS Configurations
            - FTS Dictionaries
            - FTS Parsers
            - FTS Templates
            - Foreign Tables
            - Functions
            - Materialized Views
            - Operators
            - Procedures
            - Sequences
            - Tables (1)
              - students
                - Columns (5)

college\_registration/postgres@CC-Exp-4

Query Query History

1 select \* from students

Data Output Messages Notifications

	id	name	email	phone	major
	[PK] integer	character varying (100)	character varying (100)	character varying (15)	character varying (100)
1	1	mark	test1@gmail.com	1245678	Comps

Successfully run. Total query runtime: 697 msec. 1 rows affected

Amazon S3

>

Buckets

>

Create bucket

AWS Region

Asia Pacific (Mumbai) ap-south-1

Bucket type

Info

☒ General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ Directory

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name

Info

static1243

Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn More](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

Block all public access

apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ Block all public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ Block public access to buckets and objects granted through new access control lists (ACLs)

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to buckets and objects granted through any access control lists (ACLs).

☐ Block public access to buckets and objects granted through any access control lists (ACLs)

S3 will ignore all ACLs that grant public access to buckets and objects.

☐ Block public access to buckets and objects granted through new public bucket or access point policies

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ Block public and cross-account access to buckets and objects through any public bucket or access point policies

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Turning off block all public access might result in this bucket and the objects within becoming public

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

☐ Disable

☒ Enable

Default encryption

Info

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type

Info

☒ Server-side encryption with Amazon S3 managed keys (SSE-S3)

☐ Server-side encryption with AWS Key Management Service keys (SSE-KMS)

☐ Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)

Secure your objects with two separate layers of encryption. For details on pricing, see [DSSE-KMS pricing](#) on the [Amazon S3 pricing page](#).

Bucket Key

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

☐ Disable

☒ Enable

Advanced settings

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.



General purpose buckets

Directory buckets

General purpose buckets (3) Info All AWS Regions

Buckets are containers for data stored in S3.

Find buckets by name

	Name	AWS Region
<input type="radio"/>	<a href="#">elasticbeanstalk-ap-south-1-202533503126</a>	Asia Pacific (Mumbai) ap-south
<input type="radio"/>	<a href="#">markbucky</a>	Asia Pacific (Mumbai) ap-south
<input type="radio"/>	<a href="#">static1243</a>	Asia Pacific (Mumbai) ap-south

Drag and drop files and folders you want to upload here, or choose Add files or Add folder.

Files and folders (10 total, 21.7 MB)

Remove Add files

All files and folders in this table will be uploaded.

Find by name

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	index.html	-	text/html	2.9 KB
<input type="checkbox"/>	Cafe-Owners.png	images/	image/png	2.7 MB
<input type="checkbox"/>	Cake-Vitrine.png	images/	image/png	3.8 MB
<input type="checkbox"/>	Coffee-and-Pastries.png	images/	image/png	3.1 MB
<input type="checkbox"/>	Coffee-Shop.png	images/	image/png	726.8 KB
<input type="checkbox"/>	Cookies.png	images/	image/png	1.4 MB
<input type="checkbox"/>	Cup-of-Hot-Chocolate.png	images/	image/png	3.6 MB
<input type="checkbox"/>	Strawberry-&-Blueberry-Tarts.png	images/	image/png	2.9 MB
<input type="checkbox"/>	Strawberry-Tarts.png	images/	image/png	3.4 MB
<input type="checkbox"/>	styles.css	css/	text/css	541.0 B

## Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)



### We recommend using AWS Amplify Hosting for static website hosting

Deploy a fast, secure, and reliable website quickly with AWS Amplify Hosting. Learn more about [Amplify Hosting](#) or [View your existing website](#)

### S3 static website hosting

Enabled

### Hosting type

Bucket hosting

### Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://static1243.s3-website-ap-south-1.amazonaws.com>

## Bucket policy

The bucket policy, written in JSON, provides access to the ob

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::static1243/*"
    }
  ]
}
```

### Lifecycle configuration

To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rul day.

**Default minimum object size for transitions**  
All storage classes 128K

### Lifecycle rules (1)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiv

	Lifecycle rule name	Status	Scope	Current version actions	Non
<input type="radio"/>	<a href="#">30_days</a>	✔ Enabled	Filtered	Transition to Standard-IA, then	-

[View lifecycle configuration](#)

#### Lifecycle rule configuration

**Lifecycle rule name**  
30\_days

**Status**  
✔ Enabled

**Scope**  
Filtered

**Prefix**  
test

**Object tags**  
-

**Minimum object size**  
-  
When no minimum object size is specified, the minimum object size for tra determined by the lifecycle configuration. [Learn more](#)

**Maximum object size**  
-

#### Review transition and expiration actions

**Current version actions**

**Day 0**

- Objects uploaded

↓

**Day 30**

- Objects move to Standard-IA

↓

**Day 90**

- Objects move to Glacier Flexible Retrieval (formerly Glacier)

**Noncurrent versions actions**

**Day 0**

No actions defined.

# Café



The Café offers an assortment of delicious and delectable pastries and coffees that will put a smile on your face. From cookies to croissants, tarts and cakes, each treat is specially prepared to excite your tastebuds and brighten your day!

Frank bakes a rich variety of cookies. Try them all!



Tea  
Coffee  
Latte  
Hot



Our tarts are always a customer favorite!



DynamoDB > Tables > Create table

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.

Inventory

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.

ItemID

String

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 most of these settings after your table has been created. To modify these settings now, choose "Customize settings".

Customize settings

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

Setting	Value	Editable after creation
Table class	DynamoDB Standard	Yes
Capacity mode	On-demand	Yes
Maximum read capacity units	-	Yes
Maximum write capacity units	-	Yes
Local secondary indexes	-	No
Global secondary indexes	-	Yes
Encryption key management	Owned by Amazon DynamoDB	Yes
Deletion protection	Off	Yes
Resource-based policy	Not active	Yes

Tags

Tags are pairs of keys and optional values, that you can assign to AWS resources. You can use tags to control access to your resources or track your AWS spending.

No tags are associated with the resource.

Add new tag

You can add 50 more tags.

Cancel

Create table

Tables (1) Info

Find tables

	Name	Status	Partition key	Sort key
	<a href="#">Inventory</a>	Active	ItemID (S)	-

+

Add New Inventory Item

Item Name

phone

Quantity

1

Price (\$)

20000

Cancel

Add Item

Item deleted successfully

×

☰

Inventory Items

Search and Filter

Search by name or ID

Min Price

Max Price

Min Qty

Max Qty

Reset

Apply Filters

Items List

+

Add New Item

ID	Name	Quantity	Price	Actions
fd8b44eb...	phone	1	\$20000.00	<div><div></div><div></div></div>

Inventory

Tables (1)

Any tag key

Any tag value

Find tables

1

Inventory

▼ Scan or query items

Scan

Query

Select a table or index

Table - Inventory

Select attribute projection

All attributes

Filters

Run

Reset

Completed. Read capacity units consumed: 2

Items returned (1)

Actions

Create

1

	ItemID (String)	CreatedAt	ItemName	Price	Quantity
	fd8b44eb-4a88-46b8...	2025-03-2...	phone	20000	1