

aws

Services

Search

[Alt+S]

N. Virginia

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Amazon S3 > Buckets > Create bucket

Info

Create bucket

Buckets are containers for data stored in S3.

General configuration

AWS Region

US East (N. Virginia) us-east-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

mybucketexp12

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

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Lambda > Functions > Create function

Info

Create function

Choose one of the following options to create your function.

☒ Author from scratch

Start with a simple Hello World example.

☐ Use a blueprint

Build a Lambda application from sample code and configuration presets for common use cases.

☐ Container image

Select a container image to deploy for your function.

Basic information

Function name

Enter a name that describes the purpose of your function.

S3ImageLoaderExp12

Use only letters, numbers, hyphens, or underscores with no spaces.

Runtime

Info

Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

Python 3.12

Architecture

Info

Choose the instruction set architecture you want for your function code.

☒ x86_64

☐ arm64

Permissions

Info

By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

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Successfully created the function **S3ImageLoaderExp12**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

Function URL [Info](#)

-

Code

Test

Monitor

Configuration

Aliases

Versions

Code source [Info](#)

Upload from

File Edit Find View Go Tools Window

Test

Deploy

Changes not deployed

Go to Anything (Ctrl-P)

Environment Var x

lambda_function x

Environment

S3ImageLoaderExp

lambda_function.py

```
1 import json
2
3 def lambda_handler(event, context):
4     # Extract bucket name and object key from the event
5     bucket_name = event['Records'][0]['s3']['bucket']['name']
6     object_key = event['Records'][0]['s3']['object']['key']
7
8     # Log a message
9     print(f"An Image has been added to the bucket {bucket_name}: {object_key}")
10
11     return {
12         'statusCode': 200,
13         'body': json.dumps('Log entry created successfully')
14     }
15
```

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Lambda > Add triggers

Add trigger

Trigger configuration [Info](#)

S3

aws asynchronous storage

Bucket

Choose or enter the ARN of an S3 bucket that serves as the event source. The bucket must be in the same region as the function.

s3/mybucketexp12

X

↺

Bucket region: us-east-1

Event types

Select the events that you want to have trigger the Lambda function. You can optionally set up a prefix or suffix for an event. However, for each bucket, individual events cannot have multiple configurations with overlapping prefixes or suffixes that could match the same object key.

All object create events X

Prefix - optional

Enter a single optional prefix to limit the notifications to objects with keys that start with matching characters. Any special characters must be URL encoded.

e.g. images/

Suffix - optional

Enter a single optional suffix to limit the notifications to objects with keys that end with matching characters. Any special characters must be URL encoded.

.jpg

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Upload succeeded

View details below.

Upload: status

Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination

s3://mybucketexp12

Succeeded

1 file, 783.3 KB (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 783.3 KB)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
Screenshot 2...	-	image/png	783.3 KB	Succeeded	-

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CloudWatch

Favorites and recents

Dashboards

Alarms 0 0 0

Logs

Log groups

Log Anomalies

Live Tail

Logs Insights

Contributor Insights

Metrics

X-Ray traces

Events

Application Signals

CloudWatch > Log groups > /aws/lambda/S3ImageLoaderExp12

2024/09/18/[\$LATEST]ab9ac7a03df3407fa95f0189ca50189f

Log events

Actions

Start tailing

Create metric filter

You can use the filter bar below to search for and match terms, phrases, or values in your log events. [Learn more about filter patterns](#)

Filter events - press enter to search

1m 1h Clear

UTC timezone

Display

Timestamp	Message
No older events at this moment. Retry	
2024-09-18T18:48:47.801Z	INIT_START Runtime Version: python:3.12.v30 Runtime Version A...
2024-09-18T18:48:47.993Z	START RequestId: 039f4190-fd93-498d-a0c4-b1978b5262f3 Version...
2024-09-18T18:48:47.998Z	An Image has been added to the bucket yash-naikwadi-04: Image...
2024-09-18T18:48:48.005Z	END RequestId: 039f4190-fd93-498d-a0c4-b1978b5262f3
2024-09-18T18:48:48.005Z	REPORT RequestId: 039f4190-fd93-498d-a0c4-b1978b5262f3 Durati...
No newer events at this moment. Auto retry paused. Resume	