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Sub: Adv Devops

EXPERIMENT 12

S3 Bucket:-

Create bucket [Info](#)

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](#)

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.

Format: s3://bucket/prefix

Successfully created bucket "exprimnent-12"
To upload files and folders, or to configure additional bucket settings, choose [View details](#).

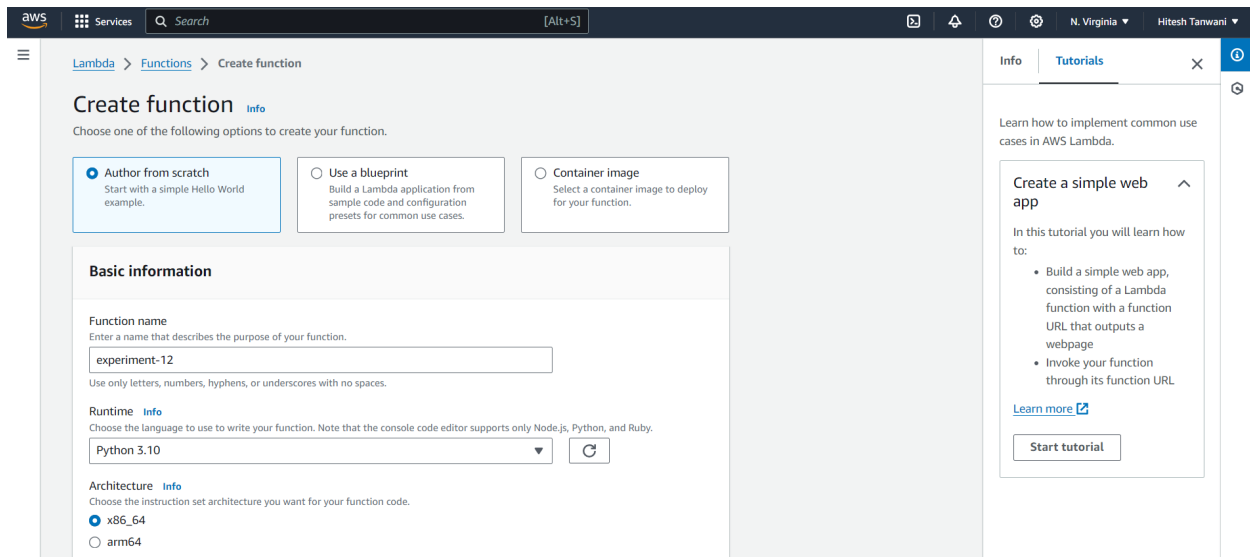
Account snapshot - updated every 24 hours [All AWS Regions](#) [View Storage Lens dashboard](#)
Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

General purpose buckets | Directory buckets

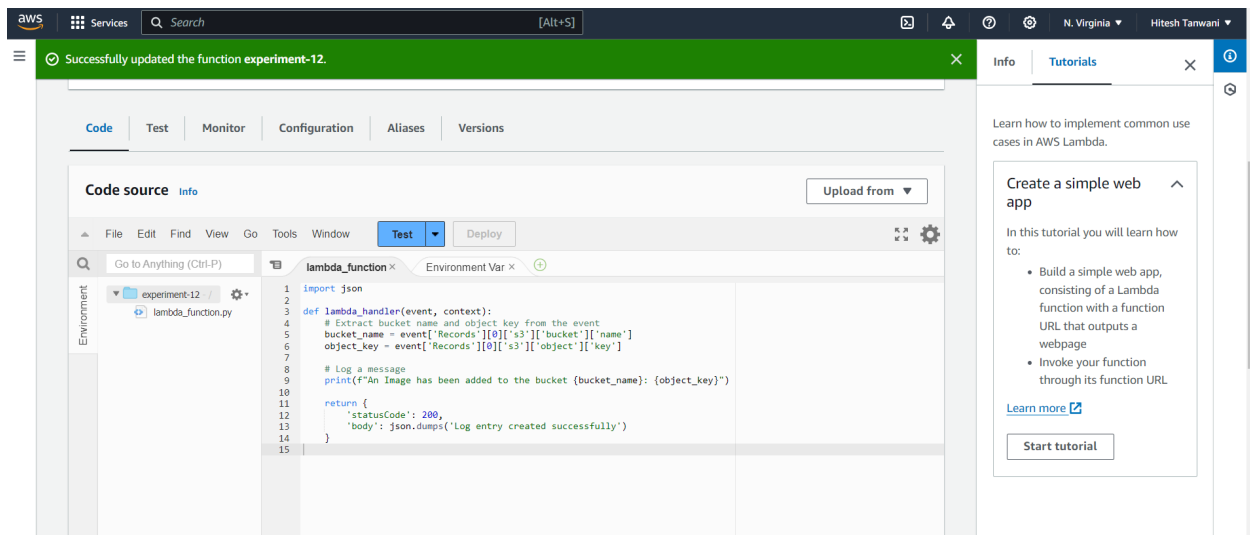
General purpose buckets (1) [Info](#) [All AWS Regions](#)
Buckets are containers for data stored in S3.

Name	AWS Region	IAM Access Analyzer	Creation date
<input type="radio"/> exprimnent-12	US East (N. Virginia) us-east-1	View analyzer for us-east-1	September 27, 2024, 21:25:38 (UTC+05:30)

Lambda Function:-



Changing the code:-



Uploading an image:-

aws

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Lambda

Add triggers

Add trigger

Trigger configuration

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/exprimment-12

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

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/

Info

Tutorials

Learn how to implement common use cases in AWS Lambda.

Create a simple web app
In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

[Learn more](#)

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Lambda

Functions

experiment-12

Throttle

Copy ARN

Actions

experiment-12

The trigger exprimment-12 was successfully added to function experiment-12. The function is now receiving events from the trigger.

Function overview

Diagram

Template

experiment-12

Layers (0)

S3

+ Add destination

+ Add trigger

Description

-

Last modified

7 minutes ago

Function ARN

arn:aws:lambda:us-east-1:448049820467:fn:ction:experiment-12

Function URL

Info

Export to Application Composer

Download

Info

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Amazon S3

Buckets

exprimment-12

Upload

Upload

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

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

Files and folders (1 Total, 11.2 KB)
All files and folders in this table will be uploaded.

Find by name

<input type="checkbox"/>	Name	Folder	Type
<input type="checkbox"/>	2.png	-	image/png

Destination

Destination
s3://exprimment-12

aws

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Upload succeeded

View details below.

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

Summary

Destination

s3://exprimment-12

Succeeded

1 file, 11.2 KB (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 11.2 KB)

Find by name

Name

Folder

Type

Size

Status

Error

2.png

-

image/png

11.2 KB

Succeeded

-

Console output:-

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Successfully updated the function experiment-12.

0.5

0

14:30

15:30

16:30

Destination delivery failures

Dead letter queue failures

0.5

0

14:30

15:30

16:30

Iterator age

CloudWatch Logs

Lambda logs all requests handled by your function and automatically stores logs generated by your code through Amazon CloudWatch Logs. To validate your code, instrument it with custom logging statements. The following tables list the most recent and most expensive function invocations across all function activity. To view logs for a specific function version or alias, visit the **Monitor** section at that

Recent invocations

#	Timestamp	RequestId	LogStream	DurationInMS	BilledDurationInMS	MemorySetIn
1	2024-09-27T16:34:51.712Z	041d9faa-aa96-41fe-8756-6aad7579d056	2024/09/27/[\$LATEST]5957ac5b40f241f5818500a1a67d8454	1.96	2.0	128.0
2	2024-09-27T16:33:32.689Z	5405fa3f-fd1d-4c24-9663-f7431fc3aa9e	2024/09/27/[\$LATEST]557e7e14fb474049a85221fee1ea5e1c	1388.68	1389.0	128.0
3	2024-09-27T16:31:27.390Z	09effc50-30a2-4351-9043-ca68fe2596a6	2024/09/27/[\$LATEST]723b3639482e48eca5532c7b092e8638	1.31	2.0	128.0
4	2024-09-27T16:30:56.044Z	d1077cfe-a18f-40ce-9804-d8cc4f58bd7f	2024/09/27/[\$LATEST]723b3639482e48eca5532c7b092e8638	13.97	14.0	128.0
5	2024-09-27T16:29:46.907Z	46898fce-943c-4c38-bfa0-dd8a5d41246	2024/09/27/[\$LATEST]723b3639482e48eca5532c7b092e8638	16.74	17.0	128.0
6	2024-09-27T16:27:07.658Z	66776b9d-09c8-49f4-a81c-55b1b4281437	2024/09/27/[\$LATEST]0cbced8a5ba84931b421de1f8011aaef	1.32	2.0	128.0
7	2024-09-27T16:25:10.012Z	16138720-06aa-4a2f-9481-a6503f139f01	2024/09/27/[\$LATEST]0cbced8a5ba84931b421de1f8011aaef	11.27	12.0	128.0

Most expensive invocations in GB-seconds (memorv assigned * billed duration)