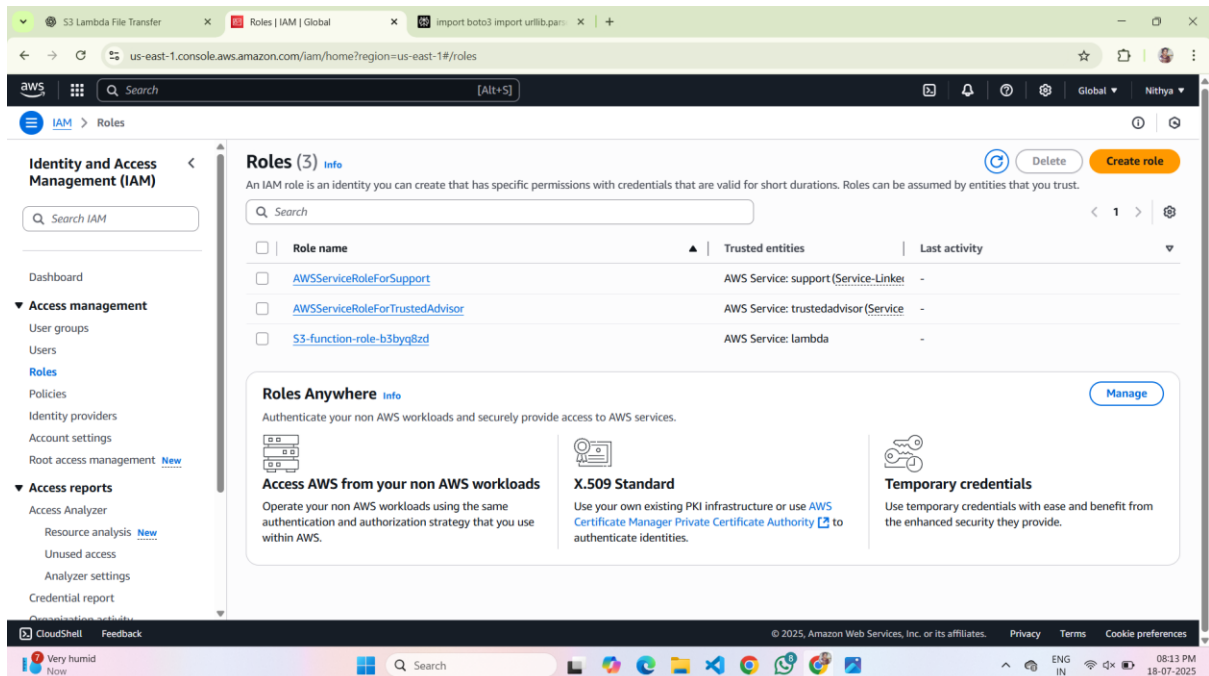
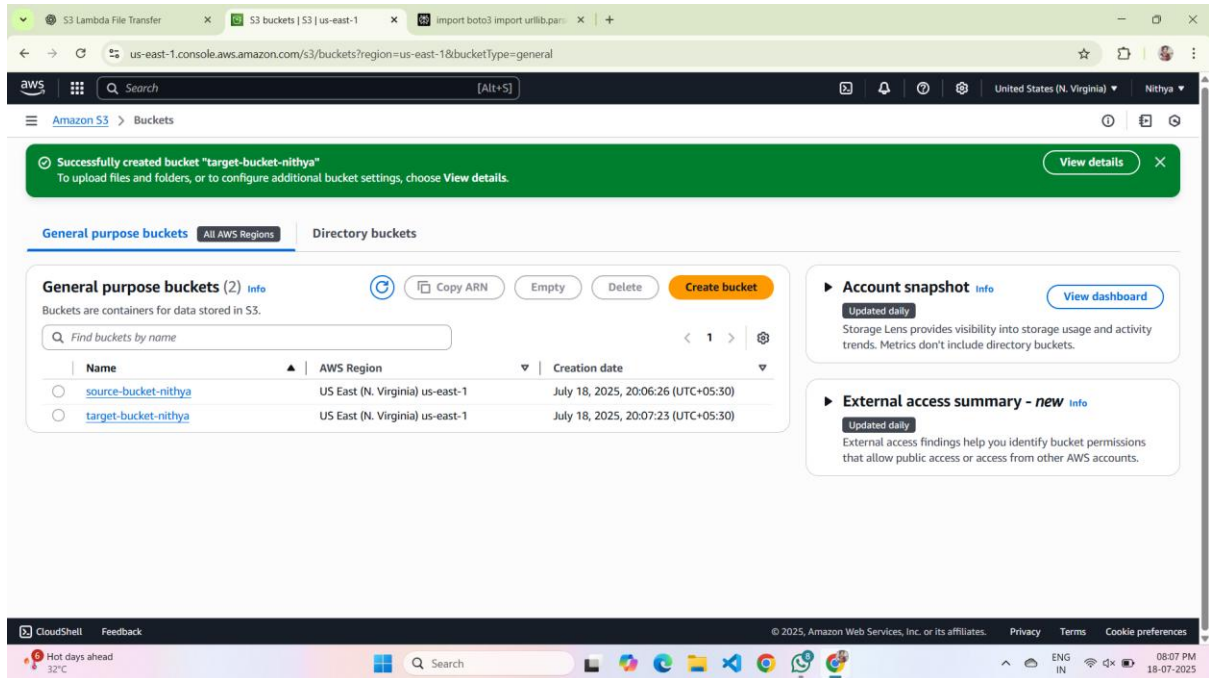
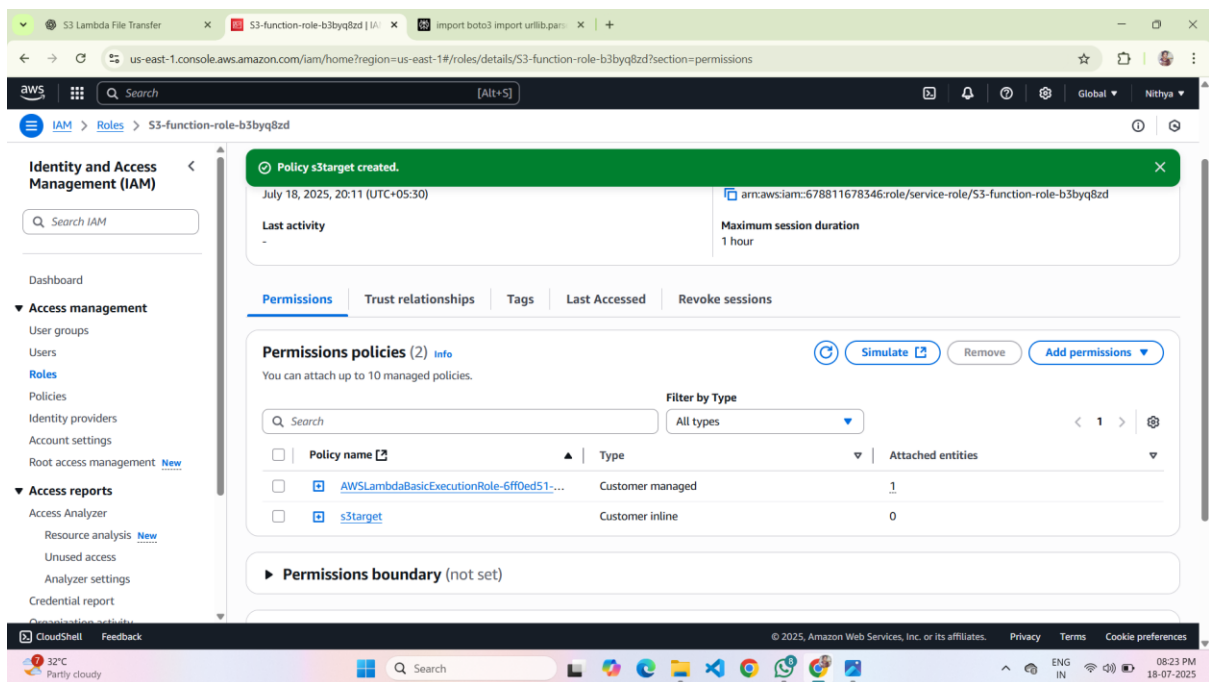
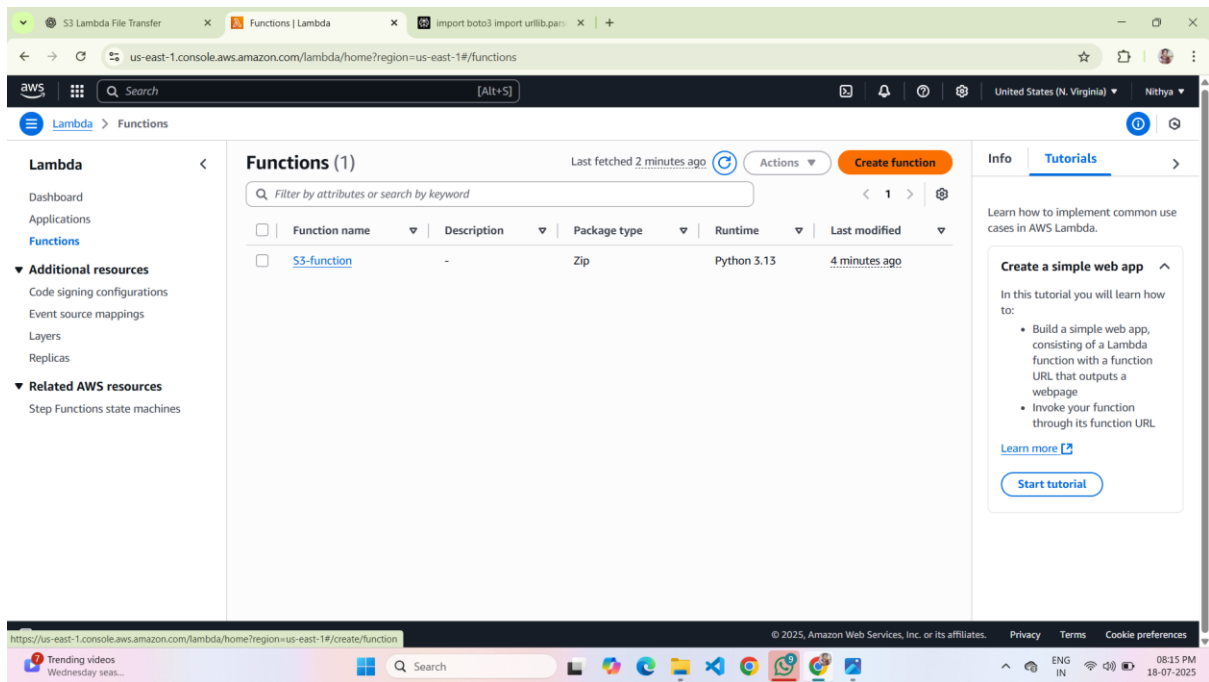


Automated S3 File Transfer with AWS Lambda





S3 Lambda File Transfer x Upload objects - S3 bucket sou x import boto3 import urllib.pars x +

us-east-1.console.aws.amazon.com/s3/upload/source-bucket-nithya?region=us-east-1&bucketType=general

Upload succeeded
For more information, see the Files and folders table.

Upload status

After you navigate away from this page, the following information is no longer available.

Summary

Destination
s3://source-bucket-nithya

Succeeded
1 file, 7.8 MB (100.00%)

Failed
0 files, 0 B (0%)

Files and folders Configuration

Files and folders (1 total, 7.8 MB)

Find by name

Name	Folder	Type	Size	Status	Error
IMG_9244.JPG	-	image/jpeg	7.8 MB	Succeeded	-

CloudShell Feedback

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S3 Lambda File Transfer x S3-function | Functions | Lambda x import boto3 import urllib.pars x +

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/S3-function?tab=configure

Lambda > Functions > S3-function

S3-function

Throttle Copy ARN Actions

The trigger source-bucket-nithya was successfully added to function S3-function. The function is now receiving events from the trigger.

Function overview

Diagram Template

S3-function

Layers (0)

S3

+ Add trigger

+ Add destination

Description

Last modified
17 minutes ago

Function ARN
arn:aws:lambda:us-east-1:678811678346:function:S3-function

Function URL Info

Export to Infrastructure Composer Download

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

Start tutorial

Code Test Monitor Configuration Aliases Versions

General configuration

General configuration

CloudShell Feedback

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Screenshot of the AWS Lambda console showing the configuration and execution of a function named "S3-function".

The console displays the function code, which uses the `boto3` library to copy an object from one S3 bucket to another. The code is as follows:

```
8 src_bucket = source['bucket']['name']
9 src_key = urllib.parse.unquote_plus
10 dest_bucket = 'target-bucket-nithya'
11
12 try:
13     s3.copy_object(
14         Bucket=dest_bucket,
15         CopySource=f's3://{src_bucket}/{src_key}',
16         Key=src_key
17     )
18     print(f"Copied {src_key} from {src_bucket} to {dest_bucket}")
19 except Exception as e:
20     print(f"Copy error: {e}")
21     raise
```

The console also shows the function's execution results, which include the event name "test-event" and the response "null".

On the right side of the console, there is a "Tutorials" section with a link to "Create a simple web app".

Screenshot of the AWS S3 console showing the contents of the "target-bucket-nithya" bucket.

The console displays the bucket's metadata, including its name, type, and permissions. The bucket is currently empty, except for a single object named "IMG_9244.JPG".

The object's details are as follows:

Name	Type	Last modified	Size	Storage class
IMG_9244.JPG	JPG	July 18, 2025, 20:31:44 (UTC+05:30)	7.8 MB	Standard