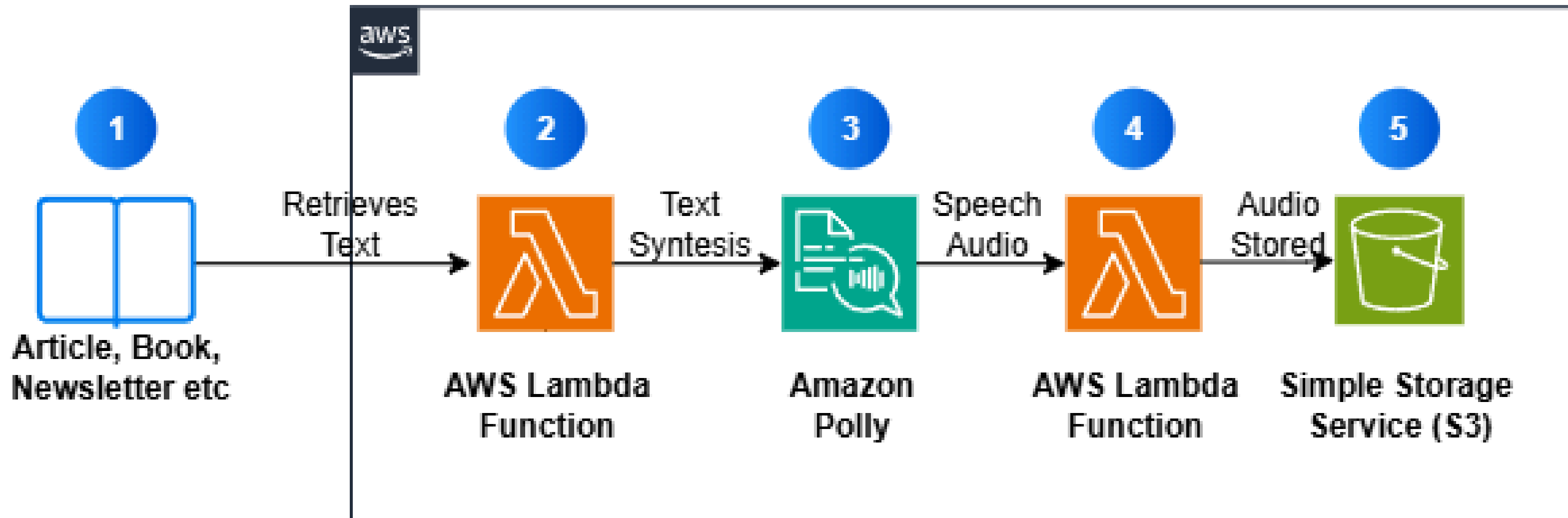


BOOK NARRATOR USING AWS POLLY



General purpose buckets

All AWS Regions

Directory buckets

General purpose buckets (1) Info

Buckets are containers for data stored in S3.



Copy ARN

Empty

Delete

Create bucket

Find buckets by name

< 1 > | Settings

Name



AWS Region



Creation date



book-narrator-123

Asia Pacific (Mumbai) ap-south-1

September 2, 2025, 08:23:23
(UTC+05:30)

Account snapshot Info

View dashboard

Updated daily

Storage Lens provides visibility into storage usage and activity trends.

External access summary - new Info

Updated daily

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

book-narrator-123 Info

- Objects
- Properties
- Permissions
- Metrics
- Management
- Access Points

Objects (2)

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

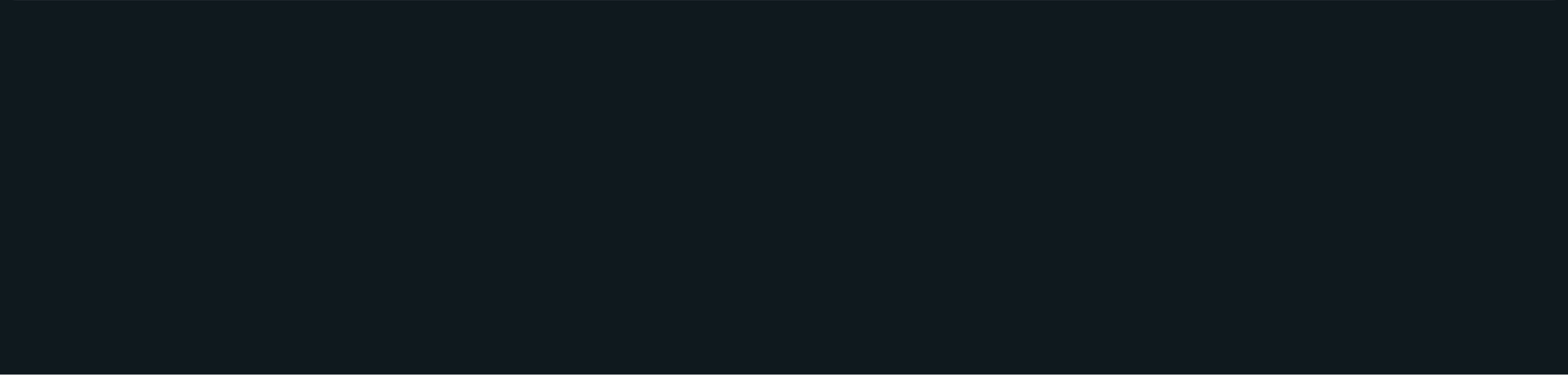
Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 >

Settings

<input type="checkbox"/>	Name ▲	Type ▼	Last modified ▼	Size ▼	Storage class ▼
<input type="checkbox"/>	input/	Folder	-	-	-
<input type="checkbox"/>	output/	Folder	-	-	-





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

✕

Upload: status

Close

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

Summary

Destination

s3://book-narrator-123/input/

Succeeded

1 file, 488.0 B (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 total, 488.0 B)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
sample.txt	-	text/plain	488.0 B	Succeeded	-

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

bookNarratorLambda

Throttle

Copy ARN

Actions

Function overview Info

Export to Infrastructure Composer

Download

Diagram

Template



bookNarratorLambda



Layers

(0)

+ Add trigger

+ Add destination

Description

-

Last modified

2 minutes ago

Function ARN

arn:aws:lambda:ap-south-1:047861165358:function:bookNarratorLambda

Function URL Info

-

Code

Test

Monitor

Configuration

Aliases

Versions

Code source Info

Open in Visual Studio Code

Upload from

▼

← →

bookNarratorLambda

File Explorer View Toggle



EXPLORER



lambda_function.py



BOOKNARRATORLAMBDA

lambda_function.py

1 import json

Amazon Q Tip 1/3: Start typing to get suggestions. (ESC) to exit

✓ Policies have been successfully attached to role.

bookNarratorLambda-role-t8z7mvqf Info

Delete

Edit

Summary

Creation date

September 02, 2025, 08:29 (UTC+05:30)

Last activity

-

ARN

arn:aws:iam::047861165358:role/service-role/bookNarratorLambda-role-t8z7mvqf

Maximum session duration

1 hour

Permissions

Trust relationships

Tags

Last Accessed

Revoke sessions

Permissions policies (4) Info

You can attach up to 10 managed policies.



Simulate

Remove

Add permissions

Search

Filter by Type

All types

< 1 >



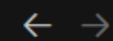
<input type="checkbox"/>	Policy name	Type	Attached entities
<input type="checkbox"/>	AmazonPollyFullAccess	AWS managed	1
<input type="checkbox"/>	AmazonS3FullAccess	AWS managed	1
<input type="checkbox"/>	AWSLambdaBasicExecutionRole-bd58e0f7-...	Customer managed	1
<input type="checkbox"/>	AWSLambdaVPCAccessExecutionRole-49d6...	Customer managed	1

✓ Successfully updated the function **bookNarratorLambda**.

Code source Info

Open in Visual Studio Code

Upload from



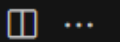
bookNarratorLambda



EXPLORER



lambda_function.py



BOOKNARRATORLAMBDA

lambda_function.py



DEPLOY

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+I)

TEST EVENTS [NONE SELECTED]

+ Create new test event

lambda_function.py

```
1 import boto3
2 import os
3 import uuid
4
5 def lambda_handler(event, context):
6     # Initialize clients
7     polly = boto3.client('polly')
8     s3 = boto3.client('s3')
9
10    # Example text (you can change this or pass it from event)
11    text_to_convert = "Welcome to the world of cloud computing with AWS Polly."
12    voice_id = "Joanna" # Choose voice, e.g., Matthew, Ivy, Justin, etc.
13    output_format = "mp3"
14
15    # Call Polly
16    response = polly.synthesize_speech(
17        Text=text_to_convert,
18        OutputFormat=output_format,
19        VoiceId=voice_id
20    )
21
22    # Save audio to S3
23    bucket_name = "book-narrator-123"
24    file_name = f"narration-{uuid.uuid4()}.mp3"
25
26    # Write stream to S3
```

Code **Test** Monitor Configuration Aliases Versions

✔ Executing function: succeeded ([logs](#) 🔗)

▶ Details

Test event Info

CloudWatch Logs Live Tail

Save

Test

To invoke your function without saving an event, configure the JSON event, then choose Test.

Test event action

☒ Create new event

☐ Edit saved event

Event name

Test1

Maximum of 25 characters consisting of letters, numbers, dots, hyphens and underscores.

Event sharing settings

☒ Private

This event is only available in the Lambda console and to the event creator. You can configure a total of 10. [Learn more](#) 🔗

☐ Shareable

This event is available to IAM users within the same account who have permissions to access and use shareable events. [Learn more](#) 🔗

Template - *optional*

Hello World



Event JSON

Format JSON

1



output/

Copy S3 URI

Objects

Properties

Objects (1)



Copy S3 URI

Copy URL

Download

Open

Delete

Actions


Create folder

Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 > Settings

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	 narration-8b336892-e677-4491-94b7-4feecbea4943.mp3	mp3	September 2, 2025, 08:42:45 (UTC+05:30)	19.0 KB	Standard