

## Step 1 :- Create S3 Bucket

Amazon S3 > Buckets > Create bucket

General configuration

AWS Region

Asia Pacific (Mumbai) ap-south-1

Bucket type

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

s3-bucket-cleanup

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

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Amazon S3 > Buckets > Create bucket

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings 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. If you require some level of 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 S3 resources using 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.

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Amazon S3 > Buckets

Successfully created bucket "s3-bucket-cleanup-adish"

To upload files and folders, or to configure additional bucket settings, choose [View details](#).

General purpose buckets (4)

Copy ARN

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

Find buckets by name

Name

AWS Region

Creation date

cdk-hnb659fds-assets-13356284627-ap-south-1

Asia Pacific (Mumbai) ap-south-1

June 17, 2025, 09:18:36 (UTC+05:30)

myngnixserverbucket

Asia Pacific (Mumbai) ap-south-1

August 31, 2025, 18:41:33 (UTC+05:30)

s3-bucket-cleanup-adish

Asia Pacific (Mumbai) ap-south-1

October 8, 2025, 20:12:41 (UTC+05:30)

Updated daily

[View dashboard](#)

Storage Lens provides visibility into storage usage and activity trends.

External access summary - new

Updated daily

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

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Amazon S3 > Buckets > s3-bucket-cleanup-adish

s3-bucket-cleanup-adish

Info

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (0)

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

Name

Type

Last modified

Size

Storage class

No objects

You don't have any objects in this bucket.

[Upload](#)

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Amazon S3 > Buckets > s3-bucket-cleanup-adish > Upload

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDKs 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, 1.1 MB)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Find by name

Name

Folder

Type

Size

☐

Automate Start-Stop EC2 Instances Usin...

-

application/vnd.openxmlformats-office...

1.1 MB

Destination

Destination

[s3://s3-bucket-cleanup-adish](#)

Destination details

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Amazon S3 > Buckets > s3-bucket-cleanup-adish

### s3-bucket-cleanup-adish [Info](#)

**Objects** Properties Permissions Metrics Management Access Points

**Objects (1)** [Refresh](#) [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

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">Automate Start-Stop EC2 Instances Using Lambda - Step-by-Step Guide.docx</a>	docx	October 8, 2025, 20:14:11 (UTC+05:30)	1.1 MB	Standard

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## Step 2 : - Create Lambda Function

Lambda > Functions > Create function

### Create function [Info](#)

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.  
  
Function name must be 1 to 64 characters, must be unique to the Region, and can't include spaces. Valid characters are a-z, A-Z, 0-9, hyphens (-), and underscores (\_).

**Runtime** [Info](#)  
Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

**Architecture** [Info](#)  
Choose the instruction set architecture you want for your function code.

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Lambda > Functions > Create function

### 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.

**Change default execution role**

**Execution role**  
Choose a role that defines the permissions of your function. To create a custom role, go to the [IAM console](#).

☐ Create a new role with basic Lambda permissions

☒ Use an existing role

☐ Create a new role from AWS policy templates

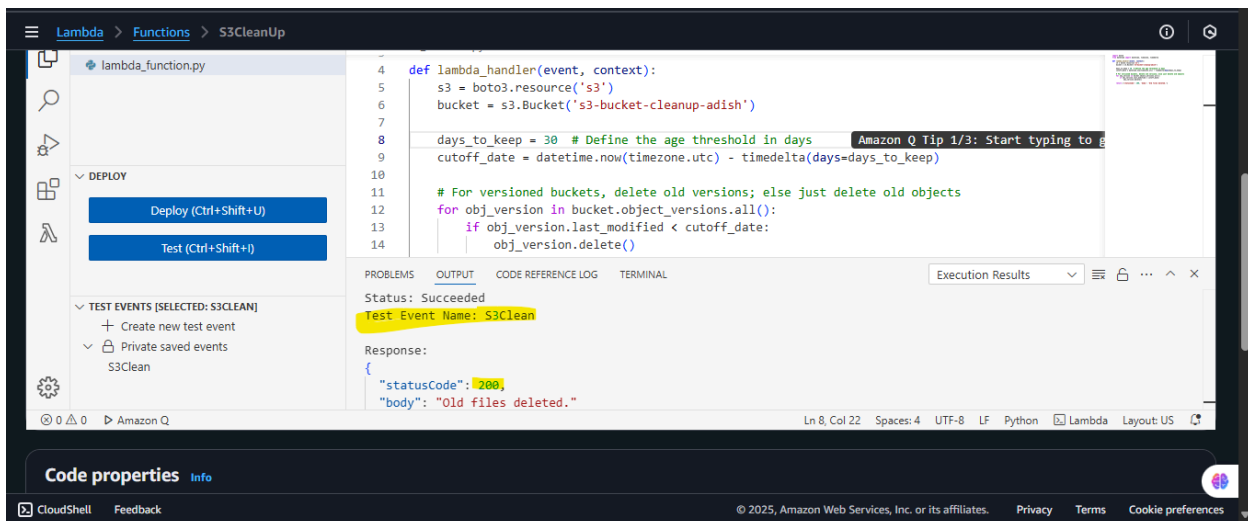
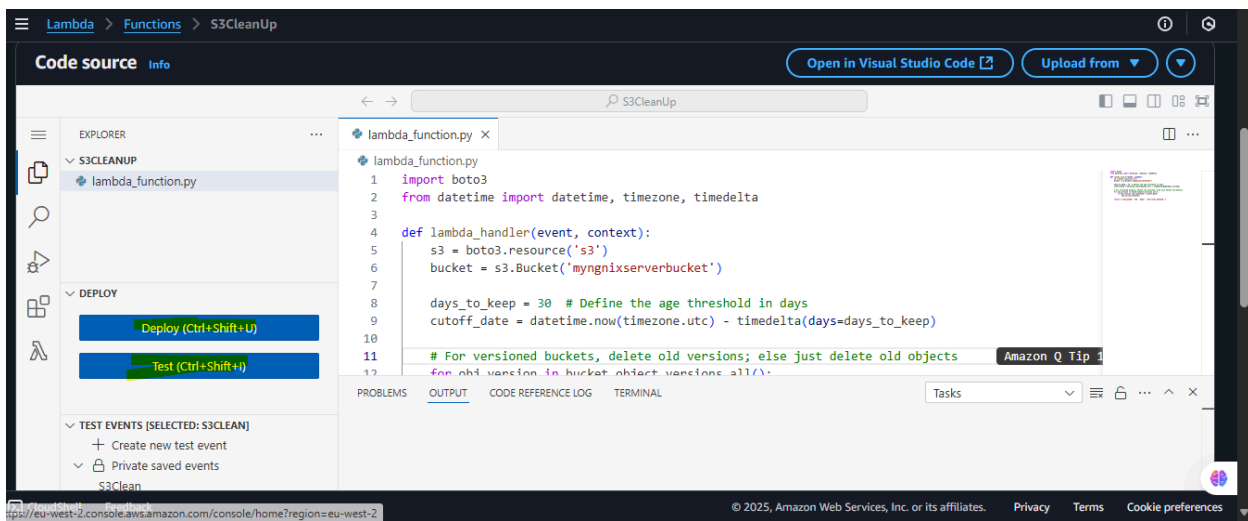
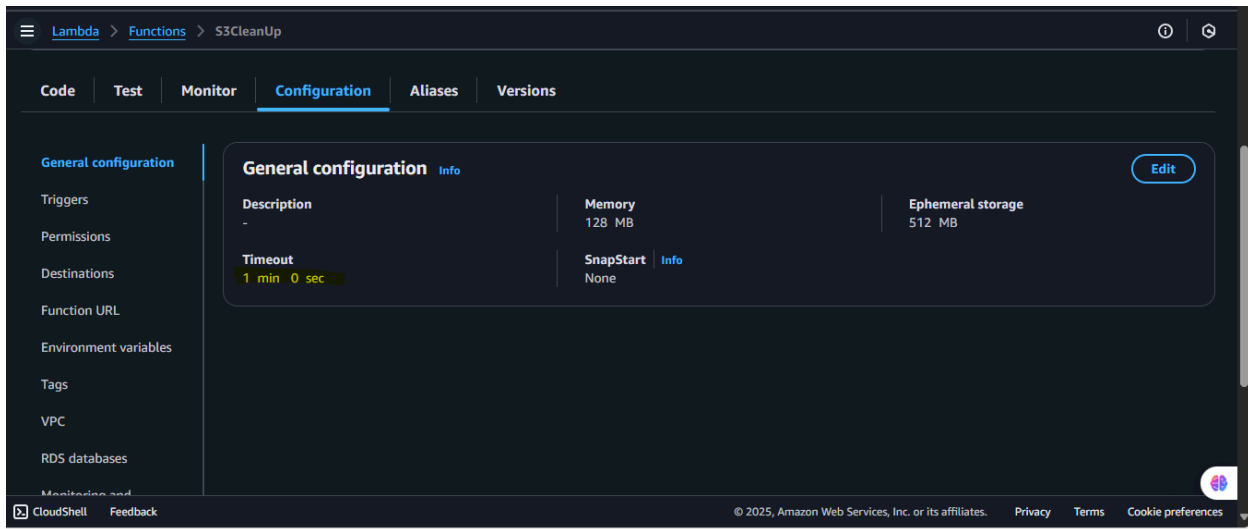
**Existing role**  
Choose an existing role that you've created to be used with this Lambda function. The role must have permission to upload logs to Amazon CloudWatch Logs.  
  
[View the Lambda\\_function-role-9I5yg9oh role](#) on the IAM console.

**Additional configurations**  
Use additional configurations to set up networking, security, and governance for your function. These settings help secure and customize your Lambda function deployment.

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## 1. IAM Role Policy

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "s3:ListBucket",
        "s3:GetObject",
        "s3:DeleteObject",
        "s3:ListBucketVersions",
        "s3:DeleteObjectVersion"
      ],
      "Resource": [
        "arn:aws:s3:::your-bucket-name",
        "arn:aws:s3:::your-bucket-name/*"
      ]
    },
    {
      "Effect": "Allow",
      "Action": [
        "logs:CreateLogGroup",
        "logs:CreateLogStream",
        "logs:PutLogEvents"
      ],
      "Resource": "arn:aws:logs:*:*:*"
    }
  ]
}
```



For now testing i use 0 days

Amazon S3> Buckets> s3-bucket-cleanup-adish

s3-bucket-cleanup-adish

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Find objects by prefix

<1>

Name

Type

Last modified

Size

Storage class

No objects

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Upload

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