

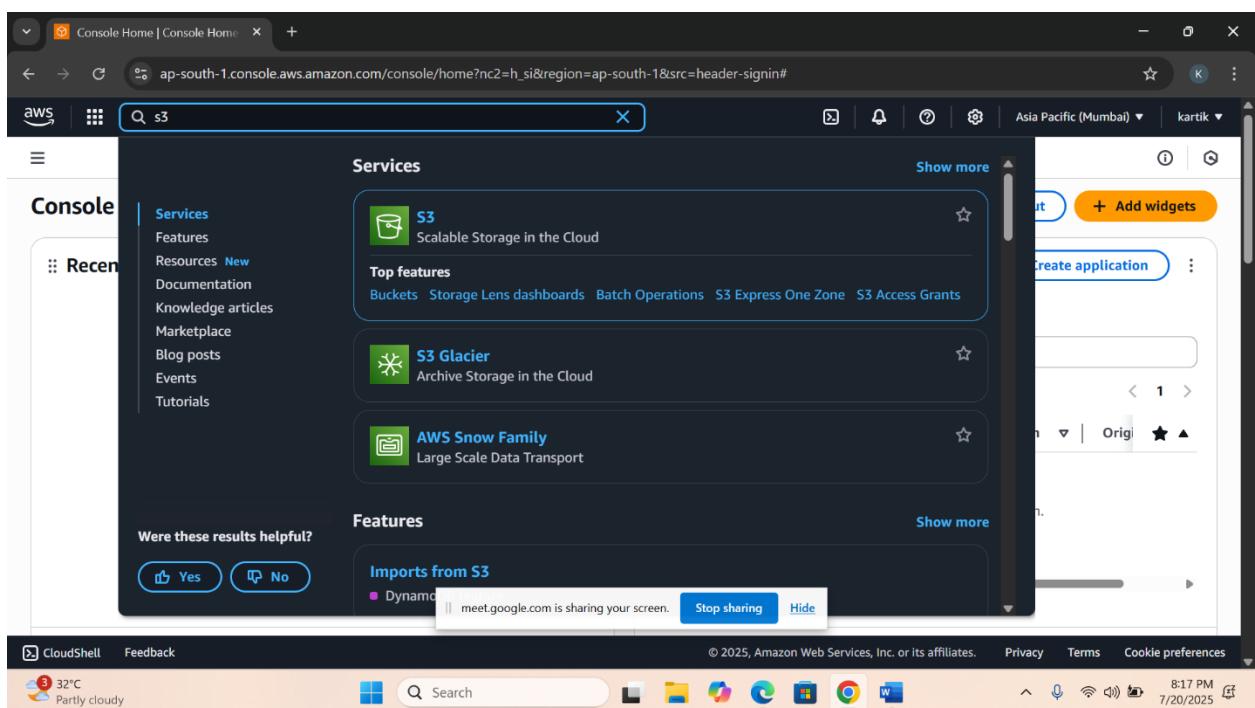
## Step-by-Step Setup: AWS-Based Receipt Automation Pipeline

This walkthrough will help you build a serverless receipt processing system using AWS tools from start to finish.

### 1 Set Up Amazon S3 Bucket (for receipt uploads)

#### Instructions:

1. Go to S3 Console → Click "Create Bucket"
2. Choose your region (e.g., ap-south-1)
3. Give it a name (e.g., scanvault-storage-kartik07)
4. Click "Create bucket"
5. Inside the bucket, create a folder (e.g., scanvault-incoming/) for organized uploads



Screenshot of the AWS S3 'Create bucket' configuration page.

**General configuration**

**AWS Region**: Asia Pacific (Mumbai) ap-south-1

**Bucket type**: General purpose (selected)

**Bucket name**: scanvault-storage-kartik07

**Copy settings from existing bucket - optional**: Choose bucket

Buckets are containers for data stored in S3.

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 8:19 PM 7/20/2025

Screenshot of the AWS S3 'Buckets' page showing the newly created bucket.

**Successfully created bucket "scanvault-storage-kartik07"**

**General purpose buckets (1)**

Name	AWS Region	Creation date
scanvault-storage-kartik07	Asia Pacific (Mumbai) ap-south-1	July 20, 2025, 20:20:40 (UTC+05:30)

**Account snapshot**: Updated daily

**External access summary - new**: Updated daily

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 8:20 PM 7/20/2025

Console Home | Console Home Create folder - S3 bucket scanvault-storage-kartik07

ap-south-1.console.aws.amazon.com/s3/buckets/scanvault-storage-kartik07/object/create\_folder?region=ap-south-1&bucketType=general

Amazon S3 > Buckets > scanvault-storage-kartik07 > Create folder

**Create folder** Info

Use folders to group objects in buckets. When you create a folder, S3 creates an object using the name that you specify followed by a slash (/). This object then appears as folder on the console. [Learn more](#)

**Your bucket policy might block folder creation**  
If your bucket policy prevents uploading objects without specific tags, metadata, or access control list (ACL) grantees, you will not be able to create a folder using this configuration. Instead, you can use the [upload configuration](#) to upload an empty folder and specify the appropriate settings.

**Folder**

**Folder name**

Incoming /

Folder names can't contain "/". [See rules for naming](#)

**Server-side encryption** Info  
Server-side encryption protects data at rest.

Console Home | Console Home scanvault-storage-kartik07 - S3

ap-south-1.console.aws.amazon.com/s3/buckets/scanvault-storage-kartik07?region=ap-south-1&bucketType=general&tab=objects

Amazon S3 > Buckets > scanvault-storage-kartik07

**Successfully created folder "Incoming".**

**scanvault-storage-kartik07** Info

**Objects** **Properties** **Permissions** **Metrics** **Management** **Access Points**

**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](#)

<input type="checkbox"/> Name	Type	Last modified	Size	Storage class
<a href="#">Incoming</a>	Folder	-	-	-

## 2 Configure DynamoDB Table (for storing extracted data)

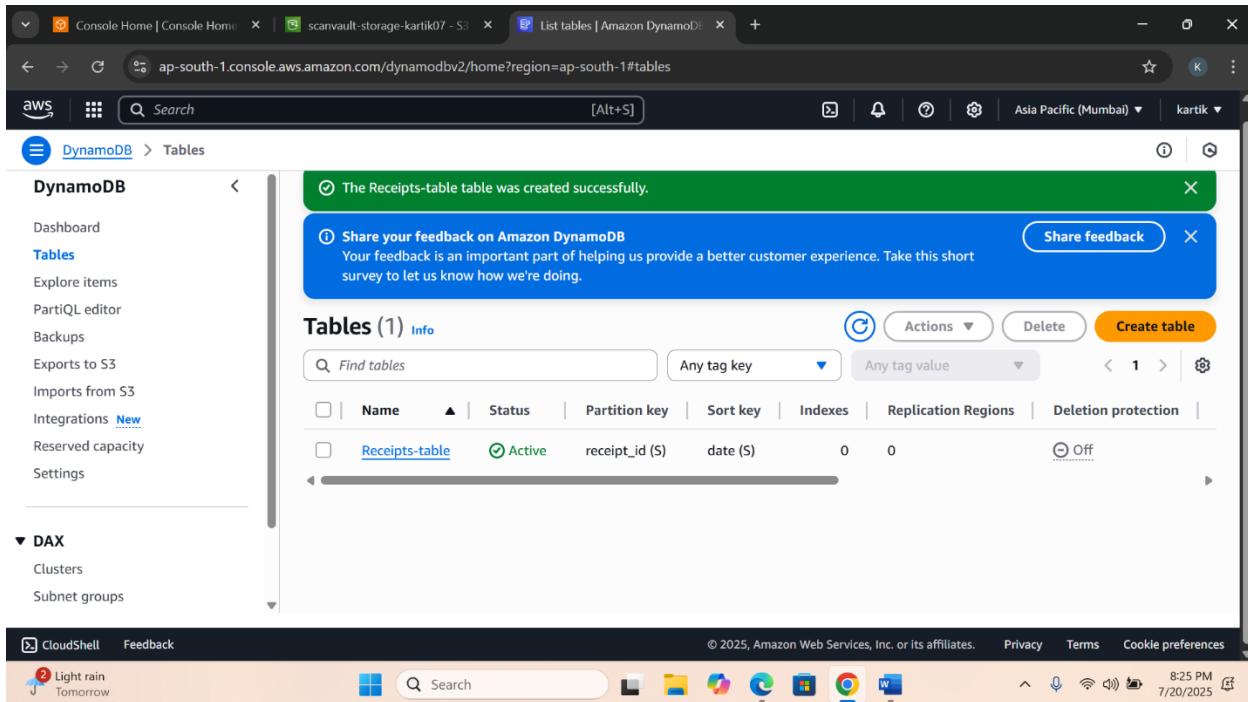
### ✓ Instructions:

1. Navigate to DynamoDB Console → Click "Create Table"

2. Table Name: ScanVault-Receipts-Table
3. Set Partition Key as receipt\_id (Type: String)
4. Set Sort Key as date (Type: String)
5. Click "Create"

The screenshot shows the AWS Lambda console interface. At the top, there's a search bar with 'dynamoDB' typed in. Below it, the main area displays the 'Services' section with three items: 'DynamoDB' (Managed NoSQL Database), 'Amazon DocumentDB' (Fully-managed MongoDB-compatible database service), and 'Athena' (Serverless interactive analytics service). To the right, there's a sidebar with a 'Create application' button and a 'CloudWatch Metrics' section. At the bottom, there's a navigation bar with links for 'Console Home', 'Search', and other AWS services.

The screenshot shows the AWS DynamoDB console. At the top, there's a search bar with 'Search' and a keyboard shortcut '[Alt+S]'. Below it, the main area displays the 'DynamoDB' service with a 'Tables' section and a 'Create table' button. The 'Create table' page is open, showing the 'Table details' section where the table name 'Receipts-table' is specified. It also shows the 'Partition key' (receipt\_id) and 'Sort key - optional' (date). The 'Table settings' section includes options for CloudWatch Metrics, CloudWatch Metrics Insights, and CloudWatch Metrics Stream. The table status is shown as 'Creating'.



### 3 Setup Amazon SES (for email alerts)

#### ✓ Instructions:

1. Open Amazon SES Console
2. Under Verified Identities, verify your sender email
3. If your account is in sandbox mode, also verify recipient email
4. Note the selected region (e.g., ap-south-1) for Lambda usage

5.

The screenshot shows the 'Configuration: Identities' page in the Amazon SES console. A blue banner at the top right provides information about tiered pricing for Virtual Deliverability Manager (VDM). The main section, titled 'Identities', shows a message stating 'No identities' and 'No identities to display.' There is a 'Create identity' button. On the left sidebar, under 'Configuration', the 'Identities' option is selected. The status bar at the bottom indicates 'CloudShell Feedback' and shows the date and time as '7/20/2025 8:28 PM'.

The screenshot shows the AWS Console search results for 'amazon simple'. The search bar at the top contains the query 'amazon simple'. The results are categorized into 'Services' and 'Features'. Under 'Services', there are three items: 'Amazon Simple Email Service' (Email Sending and Receiving Service), 'Simple Queue Service' (SQS Managed Message Queues), and 'Simple Notification Service' (SNS managed message topics for Pub/Sub). Under 'Features', there are two items: 'Create Macie sensitive data discovery job' (Amazon Macie feature) and 'Create Macie allow list'. At the bottom of the search results, there are 'Yes' and 'No' buttons for a feedback question. The status bar at the bottom indicates 'Light rain Tomorrow' and shows the date and time as '7/20/2025 8:26 PM'.

**Identity details** Info

**Identity type**

Domain  
To verify ownership of a domain, you must have access to its DNS settings to add the necessary records.

Email address  
To verify ownership of an email address, you must have access to its inbox to open the verification email.

ⓘ Sending email from an email address identity without having the domain identity verified will result in your message being quarantined or rejected depending on the domain's DMARC policy. [Learn more about DMARC and how to look up a domain's DMARC policy](#).

**Email address**

kartikgrewal02@gmail.com

Email address can contain up to 320 characters, including plus signs (+), equals signs (=) and underscores (\_).

**Assign a default configuration set**  
Enabling this option ensures that the assigned configuration set is applied to messages sent from this identity by default whenever a configuration set isn't specified at the time of sending.

**Gmail**

Compose

Inbox 675

Starred

Snoozed

Sent

Drafts

More

Labels +

Amazon Web Services – Email Address Verification Request in region Asia Pacific (Mumbai)

Amazon Web Services <no-reply-aws@amazon.com>  
to me ▾

8:29 PM (0 minutes ago)

Dear Amazon Web Services Customer,

We have received a request to authorize this email address for use with Amazon SES and Amazon Pinpoint in region Asia Pacific (Mumbai). If you requested this verification, please go to the following URL to confirm that you are authorized to use this email address:

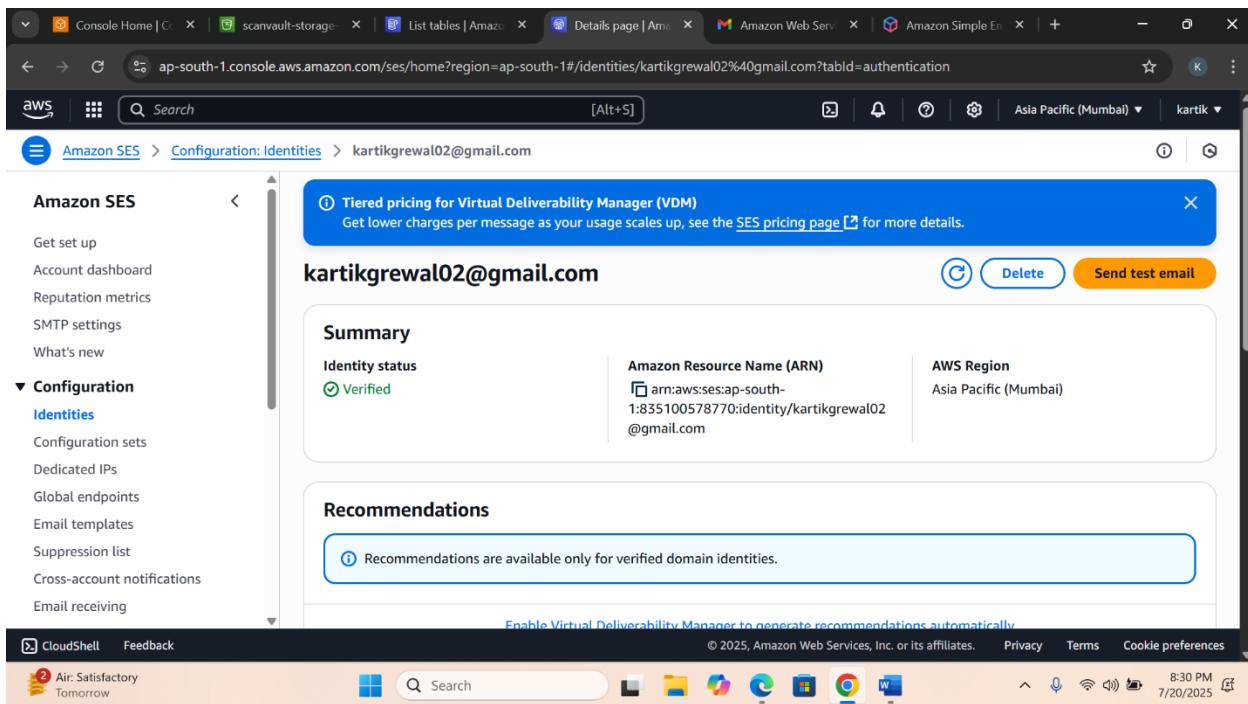
[https://email-verification.ap-south-1.amazonaws.com/?Context=835100578770&X-Amz-Date=20250720T145932Z&IdentityName=kartikgrewal02%40gmail.com&X-Amz-Algorithm=AWS4-HMAC-SHA256&IdentityType=EmailAddress&X-Amz-SignedHeaders=host&X-Amz-Credential=AKIA52FYEQVMNPOWHIVP%2F20250720%2Fap-south-1%2ses%2faws4\\_request&Operation=ConfirmVerification&Namespace=Bacon&X-Amz-Signature=b6247d1ad2a09cab4e7b5e6fc55bf519aa3733ed921c53ae56d6220a6dd1f3b6](https://email-verification.ap-south-1.amazonaws.com/?Context=835100578770&X-Amz-Date=20250720T145932Z&IdentityName=kartikgrewal02%40gmail.com&X-Amz-Algorithm=AWS4-HMAC-SHA256&IdentityType=EmailAddress&X-Amz-SignedHeaders=host&X-Amz-Credential=AKIA52FYEQVMNPOWHIVP%2F20250720%2Fap-south-1%2ses%2faws4_request&Operation=ConfirmVerification&Namespace=Bacon&X-Amz-Signature=b6247d1ad2a09cab4e7b5e6fc55bf519aa3733ed921c53ae56d6220a6dd1f3b6)

Your request will not be processed unless you confirm the address using this URL. This link expires 24 hours after your original verification request.

If you did NOT request to verify this email address, do not click on the link. Please note that many times, the situation isn't a phishing attempt, but of how to use our service, or someone setting up email-sending capabilities on your behalf as part of a legitimate service.

Enable desktop notifications for Gmail. **OK** **No thanks**

8:29 PM 7/20/2025



## 👉 Create IAM Role for Lambda (permissions handler)

### ✓ Instructions:

1. Go to IAM Console → Click Roles → Create Role
2. Choose Lambda as the use case
3. Attach the following policies:
  - AmazonS3ReadOnlyAccess
  - AmazonTextractFullAccess
  - AmazonDynamoDBFullAccess
  - AmazonSESFullAccess
  - AWSLambdaBasicExecutionRole
4. Name the role: ScanVault-lambdaRole

The screenshot shows the AWS IAM console home page. The search bar at the top contains the text "iam". The main content area is titled "Services" and lists three services: "IAM" (Manage access to AWS resources), "IAM Identity Center" (Manage workforce user access to multiple AWS accounts and cloud applications), and "Resource Access Manager" (Share AWS resources with other accounts or AWS Organizations). Below this, there's a section titled "Features" with a "Groups" item listed under "IAM feature". A sidebar on the left titled "Console" includes a "Recent" section with links to CloudShell, Feedback, Amazon S3, Amazon DynamoDB, and AWS Lambda. At the bottom, there are "Were these results helpful?" buttons for "Yes" and "No". The footer includes standard AWS links like Privacy, Terms, and Cookie preferences, along with a timestamp of 7/20/2025.

The screenshot shows the "Roles" page within the AWS IAM console. The URL is "us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles". The left sidebar shows the "Identity and Access Management (IAM)" navigation path. The main content area displays a list of roles with two items: "AWSServiceRoleForSupport" and "AWSServiceRoleForTrustedAdvisor". Each role entry includes a checkbox for "Role name", a "Trusted entities" section showing "AWS Service: support (Service-Linked)" and "AWS Service: trustedadvisor (Service)", and a "Last activity" section. Below the role list, there's a "Roles Anywhere" section with links to "Access AWS from your non AWS workloads", "X.509 Standard", and "Temporary credentials". The footer includes standard AWS links like Privacy, Terms, and Cookie preferences, along with a timestamp of 8:31 PM 7/20/2025.

Screenshot of the AWS IAM 'Create role' wizard Step 1: Select trusted entity.

The page shows the 'Trusted entity type' section with five options:

- AWS service** (selected): Allows AWS services like EC2, Lambda, or others to perform actions in this account.
- AWS account**: Allows entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
- Web identity**: Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.
- SAML 2.0 federation**: Allows users federated with SAML 2.0 from a corporate directory to perform actions in this account.
- Custom trust policy**: Create a custom trust policy to enable others to perform actions in this account.

Left sidebar navigation:

- Step 1: **Select trusted entity** (selected)
- Step 2: Add permissions
- Step 3: Name, review, and create

Header: us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/create

Screenshot of the AWS IAM 'Create role' wizard Step 1: Select trusted entity.

The page shows the 'Trusted entity type' section with five options:

- AWS service** (selected): Allows AWS services like EC2, Lambda, or others to perform actions in this account.
- AWS account**: Allows entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
- Web identity**: Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.
- SAML 2.0 federation**: Allows users federated with SAML 2.0 from a corporate directory to perform actions in this account.
- Custom trust policy**: Create a custom trust policy to enable others to perform actions in this account.

Below the trusted entity type section, there is a 'Use case' section:

**Use case**  
Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

**Service or use case** dropdown: Lambda

**Choose a use case for the specified service.**

**Use case**  
 **Lambda**  
Allows Lambda functions to call AWS services on your behalf.

Header: us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/create

Screenshot of the AWS IAM 'Create role' wizard Step 3: Name, review, and create.

**Role details**

**Role name:** lambdarole

**Description:** Allows Lambda functions to call AWS services on your behalf.

**Step 1: Select trusted entities**

**Trust policy:**

```
1- [ { 2-   "Version": "2012-10-17", 3-   "Statement": [ 4-     { 5-       "Effect": "Allow", 6-       "Action": [ 7-         "sts:AssumeRole" 8-       ], 9-       "Principal": { 10-         "Service": [ 11-           "lambda.amazonaws.com" 12-         ] 13-       } 14-     } 15-   ] 16- } ]
```

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 8:38 PM 7/20/2025

Screenshot of the AWS IAM 'Create role' wizard Step 2: Add permissions.

**Permissions policy summary:**

Policy name	Type	Attached as
AmazonDynamoDBFullAccess	AWS managed	Permissions policy
AmazonS3ReadOnlyAccess	AWS managed	Permissions policy
AmazonSESFullAccess	AWS managed	Permissions policy
AmazonTextractFullAccess	AWS managed	Permissions policy
AWSLambdaBasicExecutionRole	AWS managed	Permissions policy

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 8:39 PM 7/20/2025

The screenshot shows the AWS IAM Roles page. A success message at the top says "Role lambdarole created." Below it, a table lists three roles:

Role name	Trusted entities	Last activity
AWSServiceRoleForSupport	AWS Service: support (Service-Linker)	-
AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor (Service)	-
lambdarole	AWS Service: lambda	-

Below the table, there are sections for "Roles Anywhere" and "Temporary credentials".

## 5 Deploy the Lambda Function (core processor)

### ✓ Instructions:

1. Visit AWS Lambda Console → Click "Create Function"
2. Function Name: processingLambda
3. Runtime: Choose Python 3.9 or Node.js
4. Use existing role → Select ScanVault-lambdrole
5. In Configuration → Environment variables, add required key-values
6. Go to Code section → Paste the code from your python.py → Click Deploy
7. In Configuration → General settings, click Edit
8. Increase the timeout to 2 minutes (default is too low for large files)

The screenshot shows the AWS Lambda console search results for the term "lambda". The results are categorized into "Services" and "Features".

**Services**

- Lambda** Run code without thinking about servers
- CodeBuild** Build and Test Code
- AWS Signer** Ensuring trust and integrity of your code

**Features**

- Lambda Insights** CloudWatch feature
- Object Lambda Access Points**

At the bottom left, there's a question: "Were these results helpful?" with "Yes" and "No" buttons. On the right side, there are "Show more" buttons for both the services and features sections.

Console Home | X Create function | F Roles | IAM | Global scanvault-storage List tables | Amazon Details page | Amazon + - K ...

ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/create/function?firstrun=true&intent=authorFromScratch

aws Search [Alt+S] AWS Lambda Functions Create 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.  
 arm64  x86\_64

**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

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

31°C Partly cloudy Search

8:50 PM 7/20/2025

The screenshot shows the 'Create function' wizard in the AWS Lambda console. The 'Info' tab is selected. Under 'Execution role', the 'Use an existing role' option is selected, with 'lambda-role' chosen from a dropdown. The 'Existing role' section also lists 'lambda-role'. A note says '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.' Below this is a 'View the lambda-role role' link. The 'Additional configurations' section is collapsed.

The screenshot shows the 'process-lambda' function details page. The 'Code' tab is selected. A green success message at the top states: 'Successfully created the function process-lambda. You can now change its code and configuration. To invoke your function with a test event, choose "Test".' The 'Function overview' section shows the function name 'process-lambda', a diagram icon, and a 'Layers (0)' button. Buttons for 'Throttle', 'Copy ARN', and 'Actions' are visible. The 'Description' section shows 'Last modified 14 seconds ago'. The 'Function ARN' section shows 'arn:aws:lambda:ap-south-1:83510057877:function:process-lambda'. The 'Function URL' section is collapsed. On the left, navigation tabs include 'Code', 'Test', 'Monitor', 'Configuration', 'Aliases', and 'Versions'. The bottom of the screen shows the standard Windows taskbar with icons for File Explorer, Task View, and others.

Screenshot of the AWS Lambda console showing the code source for the function "process-lambda".

The "Code source" tab is selected. The code editor shows the file "lambda\_function.py" with the following content:

```
lambda_function.py
1 import json
2 import os
3 import boto3
4 import uuid
5 from datetime import datetime
6 import urllib.parse
7
8 # Initialize AWS clients
9 s3 = boto3.client('s3')
10 textract = boto3.client('textract')
11 dynamodb = boto3.resource('dynamodb')
12 ses = boto3.client('ses')
13
14 # Environment variables
15 DYNAMO_DB_TABLE = os.environ.get('DYNAMO_DB_TABLE', 'Receipts')
16 SES_SENDER_EMAIL = os.environ.get('SES_SENDER_EMAIL', 'your-email@example.com')
```

The sidebar shows the function name "PROCESS-LAMBDA" and a deployment history entry. Buttons for "Deploy" and "Test" are visible.

Screenshot of the AWS Lambda console showing the configuration for the function "process-lambda".

The "Configuration" tab is selected. The "General configuration" section displays the following settings:

Description	Value	Description	Value
Memory	128 MB	Ephemeral storage	512 MB
Timeout	0 min 3 sec	SnapStart	None

The sidebar on the left lists other configuration sections: Triggers, Permissions, Destinations, Function URL, and Environment variables.

The screenshot shows the 'Edit basic settings' page for a Lambda function named 'process-lambda'. The 'Info' tab is selected. Key settings include:

- SnapStart**: Info - Set ephemeral storage (/tmp) to between 512 MB and 10240 MB.
- Execution role**: Use an existing role - Selected role: 'lambda-role'.
- Existing role**: Choose an existing role that's been created to be used with this Lambda function. The role must have permission to upload logs to Amazon CloudWatch Logs.

Other visible tabs include 'Code', 'Test', 'Monitor', 'Configuration' (selected), 'Aliases', and 'Versions'. A 'Save' button is at the bottom right.

The screenshot shows the 'Configuration' page for the 'process-lambda' function. The 'Environment variables' section is highlighted. The sidebar on the left lists other configuration options: General configuration, Triggers, Permissions, Destinations, Function URL, Environment variables (selected), Tags, VPC, RDS databases, and Monitoring.

**Environment variables (0)**

Key	Value
No environment variables No environment variables associated with this function.	

A green success message at the top states: "Successfully updated the function process-lambda." Other tabs in the header include 'Code', 'Test', 'Monitor', 'Configuration' (selected), 'Aliases', and 'Versions'. A 'Save' button is at the bottom right.

The screenshot shows the AWS Lambda console interface. The user is editing environment variables for a function named 'process-lambda'. There are three variables defined:

- DYNAMODB\_TABLE**: Value - Receipts-table
- SES\_SENDER\_EMAIL**: Value - kartikgrewal02@gmail.com
- SES\_RECIPIENT\_EMAIL**: Value - kartikgrewal001@gmail.com

A 'Create a simple web app' tutorial is open on the right side of the screen.

## 6 Set Up S3 Trigger for Lambda

### ✓ Instructions:

1. Open the S3 Bucket
2. Go to the Properties tab
3. Scroll to Event Notifications → Click "Create event notification"
4. Prefix: incoming/
5. Event type: All object create events

The screenshot shows the AWS S3 console interface for uploading objects. The top navigation bar includes links for 'Console Home', 'process-lambda', 'Roles | IAM | Global', 'Upload objects - S', 'View table | Amazon S3', 'Details page | Amazon S3', and a '+' button. The main search bar contains 'Search [Alt+S]'. The breadcrumb navigation path is 'Amazon S3 > Buckets > scanvault-storage-kartik07 > Incoming/ > Upload'. The main area is titled 'Upload' with a 'Info' link. A note states: '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.' Below this is a large blue dashed box with the placeholder text 'Drag and drop files and folders you want to upload here, or choose Add files or Add folder.' A table titled 'Files and folders (1 total, 3.7 MB)' lists the uploaded file: 'SHIV GENERAL STORE.pdf' (application/pdf, 3.7 MB). Action buttons include 'Remove', 'Add files', and 'Add folder'. The 'Destination' section shows the destination as 's3://scanvault-storage-kartik07/Incoming/'. The 'Destination details' section includes a note about bucket policies. The bottom of the screen shows a Windows taskbar with icons for CloudShell, Feedback, Search, File Explorer, File History, Task View, Microsoft Edge, Google Chrome, and Microsoft Word, along with system status icons.

The screenshot shows the AWS S3 console after the upload has completed. The top navigation bar and search bar are identical to the previous screenshot. The breadcrumb path is 'Amazon S3 > Buckets > scanvault-storage-kartik07 > Incoming/ > Upload'. The main area displays a green success message: 'Upload succeeded. For more information, see the Files and folders table.' Below this is a 'Summary' section with a table showing the upload results: 'Destination s3://scanvault-storage-kartik07/Incoming/' with 'Succeeded' (1 file, 3.7 MB (100.00%)) and 'Failed' (0 files, 0 B (0%)). There are tabs for 'Files and folders' (selected) and 'Configuration'. The 'Files and folders' table lists the uploaded file: 'SHIV GENERAL STORE.pdf' (application/pdf, 3.7 MB, Status: Succeeded). The bottom of the screen shows a Windows taskbar with icons for CloudShell, Feedback, Search, File Explorer, File History, Task View, Microsoft Edge, Google Chrome, and Microsoft Word, along with system status icons.

Screenshot of the Amazon SES 'Create identity' page.

**Identity details**

**Identity type**

- Domain: To verify ownership of a domain, you must have access to its DNS settings to add the necessary records.
- Email address: To verify ownership of an email address, you must have access to its inbox to open the verification email.

**Note:** Sending email from an email address identity without having the domain identity verified will result in your message being quarantined or rejected depending on the domain's DMARC policy. [Learn more about DMARC and how to look up a domain's DMARC policy.](#)

**Email address**: kartikgrewal001@gmail.com

Email address can contain up to 320 characters, including plus signs (+), equals signs (=) and underscores (\_).

**Assign a default configuration set**: Enabling this option ensures that the assigned configuration set is applied to messages sent from this identity by default whenever a configuration set isn't specified at the time of sending.

**Tags - optional**

You can add one or more tags to help manage and organize your resources, including identities.

No tags associated with the resource.

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences Rainy days ahead 31°C 7/20/2025

Screenshot of the Amazon S3 'Create event notification' page.

**General configuration**

**Event name**: Eventnotification

Event name can contain up to 255 characters.

**Prefix - optional**: incoming/

Limit the notifications to objects with key starting with specified characters.

**Suffix - optional**: jpg

Limit the notifications to objects with key ending with specified characters.

**Event types**

Specify at least one event for which you want to receive notifications. For each group, you can choose an event type for all events, or you can choose one or more individual events.

**Object creation**

All object create events  
s3:ObjectCreated\*

Put  
s3:ObjectCreated:Put

Post  
s3:ObjectCreated:Post

Copy

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences Light rain Tomorrow 9:03 PM 7/20/2025

The screenshot shows the 'Create event notification' configuration page. Under the 'Destination' section, it is set to a Lambda function named 'process-lambda'. The 'Specify Lambda function' dropdown also contains 'process-lambda'. At the bottom right are 'Cancel' and 'Save changes' buttons.

The screenshot shows the AWS CloudShell interface. It displays a weather forecast for 'Light rain Tomorrow' and various system status icons like signal strength, battery, and network.

The screenshot shows the 'Upload' configuration for an 'Incoming' folder. A file named 'bill.pdf' is listed in the 'Files and folders' table. The 'Destination' field is set to 's3://scanvault-storage-kartik07/Incoming/'. The 'Permissions' section indicates public access is granted. At the bottom right are 'Cancel' and 'Upload' buttons.

The screenshot shows the AWS CloudShell interface. It displays a new message from 'Sports headline Marcus Rashford...' and various system status icons.

## Result

## Receipt Processed: Unknown - ₹256.37



kartikgrewal001@gmail.com

to me ▾

4:00 PM (2 minutes ago)



Why is this message in spam? This message is similar to messages that were

[Report not spam](#)



### Hurray!! Completed My Automation Project

**Receipt ID:** 22508ae4-41a7-4d26-adad-01b50c8d9453

**Vendor:** Rechargezone Pvt. Ltd.

**Date:** 14 July 2025

**Total Amount:** ₹256

**S3 Location:** s3://scavault-storage-kartik07/scavault-incoming/Recharge Bill.pdf

**Items:**

- Plan cost - ₹256.00 × 1
- Convenience fee - ₹0.37 × 1

The receipt has been processed and stored in DynamoDB.

Thank You.....