

Screenshot of the AWS S3 console showing the object details for `s3_lambda sns_reports.csv`.

The browser tab shows the URL: `us-east-1.console.aws.amazon.com/s3/object/student-data-lake-34?region=us-east-1&prefix=reports/daily/s3_lambda sns_reports.csv`

The AWS S3 navigation bar indicates the bucket is located in the United States (N. Virginia) region.

Object overview:

- Owner:** eaa026e3c6db0b35d217552b71c26348a930133f5f1c68237a663701bee5c015
- AWS Region:** US East (N. Virginia) us-east-1
- Last modified:** November 10, 2025, 09:28:06 (UTC+05:30)
- Size:** 2.9 KB
- Type:** CSV
- Key:** reports/daily/s3_lambda sns_reports.csv

S3 URI: `s3://student-data-lake-34/reports/daily/s3_lambda sns_reports.csv`

Amazon Resource Name (ARN): `arn:aws:s3:::student-data-lake-34/reports/daily/s3_lambda sns_reports.csv`

Entity tag (Etag): `14cd005f70f3176c6b56054171d51c25`

Object URL: `https://student-data-lake-34.s3.us-east-1.amazonaws.com/reports/daily/s3_lambda sns_reports.csv`

Object management overview:

The following bucket properties and object management configurations impact the behavior of this object.

Bucket properties:

Management configurations:

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Screenshot of the AWS Lambda console showing the function `s3-daily-report-trigger`.

Function Overview:

- Description:** An Amazon S3 trigger that retrieves metadata for the object that has been updated.
- Last modified:** 1 hour ago
- Function ARN:** arn:aws:lambda:us-east-1:567329923344:function:s3-daily-report-trigger
- Function URL:** -

Code Source: The code is written in Python and is named `lambda_function.py`. It contains the following code:

```
def lambda_handler(event, context):  
    # Add your logic here to process the S3 event  
    pass
```

Code Tab: Other tabs include Test, Monitor, Configuration, Aliases, and Versions.

Code Editor: The code editor shows the file `lambda_function.py` with the placeholder code provided above.

Browser Address Bar: `https://us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/s3-daily-report-trigger?tab=code`

System Taskbar: Includes icons for Search, Links, MobaXterm, and system status indicators.

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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/s3-daily-report-trigger?subtab=permissions&tab=code

aws | Search [Alt+S] | Account ID: 5673-2992-3344
vodabs/user4548998=rohamrutkar2525@gmail.com

Lambda > Functions > s3-daily-report-trigger

EXPLORER

S3-DAILY-REPORT-TRIGGER

lambda_function.py

lambda_function.py

```
def lambda_handler(event, context):
    try:
        message = (
            f"Sent automatically by AWS Lambda"
        )

        # Publish to SNS topic
        sns_client.publish(
            TopicArn=TOPIC_ARN,
            Subject="New Daily Sales Report Uploaded",
            Message=message
        )

        print(f"Metadata published to SNS for file: {object_key}")

    except Exception as e:
        print("Error publishing to SNS:", str(e))
        print(traceback.format_exc())
        raise e
```

DEPLOY

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+I)

TEST EVENTS [NONE SELECTED]

+ Create new test event

ENVIRONMENT VARIABLES

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us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#logsV2.log-groups/log-group/%2Faws%2Flambda%2Fs3-daily-report-trigger

aws Search [Alt+S] United States (N. Virginia) Account ID: 5673-2992-3344 vorlabs/user4548998=rohamrutkar2525@gmail.com

CloudWatch Log groups /aws/lambda/s3-daily-report-trigger

CloudWatch

- Favorites and recents
- Dashboards
- AI Operations
- Alarms
- Logs
- Log groups
- Log Anomalies
- Live Tail
- Logs Insights
- Contributor Insights
- Metrics
- Application Signals (APM)
- GenAI Observability
- Network Monitoring
- Insights
- Settings

Log group details

Log class: Standard ARN: arn:aws:logs:us-east-1:567329923344:log-group:/aws/lambda/s3-daily-report-trigger:*

Creation time: 1 hour ago

Retention: Never expire

Stored bytes: -

Metric filters: 0

Subscription filters: 0

Contributor Insights rules: -

KMS key ID: -

Anomaly detection: [Configure](#)

Data protection: -

Sensitive data count: -

Custom field indexes: [Configure](#)

Transformer: [Configure](#)

Log streams

Log streams (1)

By default, we only load the most recent log streams.

Filter log streams or try prefix search Exact match Show expired [Info](#)

Log stream Last event time 2025-11-10 09:28:07 (UTC+05:30)

[Create log stream](#) [Search all log streams](#)

https://us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-ea... © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

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us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#logsV2.log-groups/log-group/\$252Faws\$252Flambda\$252Fs3-daily-report-trigg...

aws Search [Alt+S] Account ID: 5673-2992-3344
CloudWatch Log groups /aws/lambda/s3-daily-report-trigger 2025/11/10/[LATEST]9163395fe3b04ed0a3c4aa28cfded02d United States (N. Virginia) vorlabs/user4548998=rohamrutkar2525@gmail.com

CloudWatch Log events

You can use the filter bar below to search for and match terms, phrases, or values in your log events. [Learn more about filter patterns](#)

Filter events - press enter to search Clear 1m 30m 1h 12h Custom Local timezone Display

No older events at this moment. [Retry](#)

INIT_START Runtime Version: python:3.12.v93 Runtime Version ARN: arn:aws:lambda:us-east-1:runtime:c010741a32d362a2a9a445adf0a7418ce4fac7ec907bcf1371249e79b7ece18a

START RequestId: 0a3401a6-392c-45f7-86d7-2e27660f85df Version: \$LATEST

Metadata published to SNS for file: reports/daily/s3_lambda_sns_reports.csv

END RequestId: 0a3401a6-392c-45f7-86d7-2e27660f85df

REPORT RequestId: 0a3401a6-392c-45f7-86d7-2e27660f85df Duration: 313.70 ms Billed Duration: 1052 ms Memory Size: 128 MB Max Memory Used: 85 MB Init Duration: 738.13 ms

No newer events at this moment. Auto retry paused. [Resume](#)

Message

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Gmail

Compose

Inbox 3,490

- Starred
- Snoozed
- Sent
- Drafts 31
- Purchases 3
- More

Labels +

New Daily Sales Report Uploaded

AWS Notifications <no-reply@sns.amazonaws.com> to me 09:28 (1 hour ago)

New Daily Sales Report Uploaded!

Bucket: student-data-lake-34
File Name: reports/daily/s3_lambda_sns_reports.csv
File Size: 3012 bytes
Upload Time: 2025-11-10T03:58:05.297Z

Sent automatically by AWS Lambda

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<https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:567329923344:daily-reports-alerts:3bf78e2e-d699-477c-bf35-a161013e05d2&Endpoint=roshaniamrutkar14@gmail.com>

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