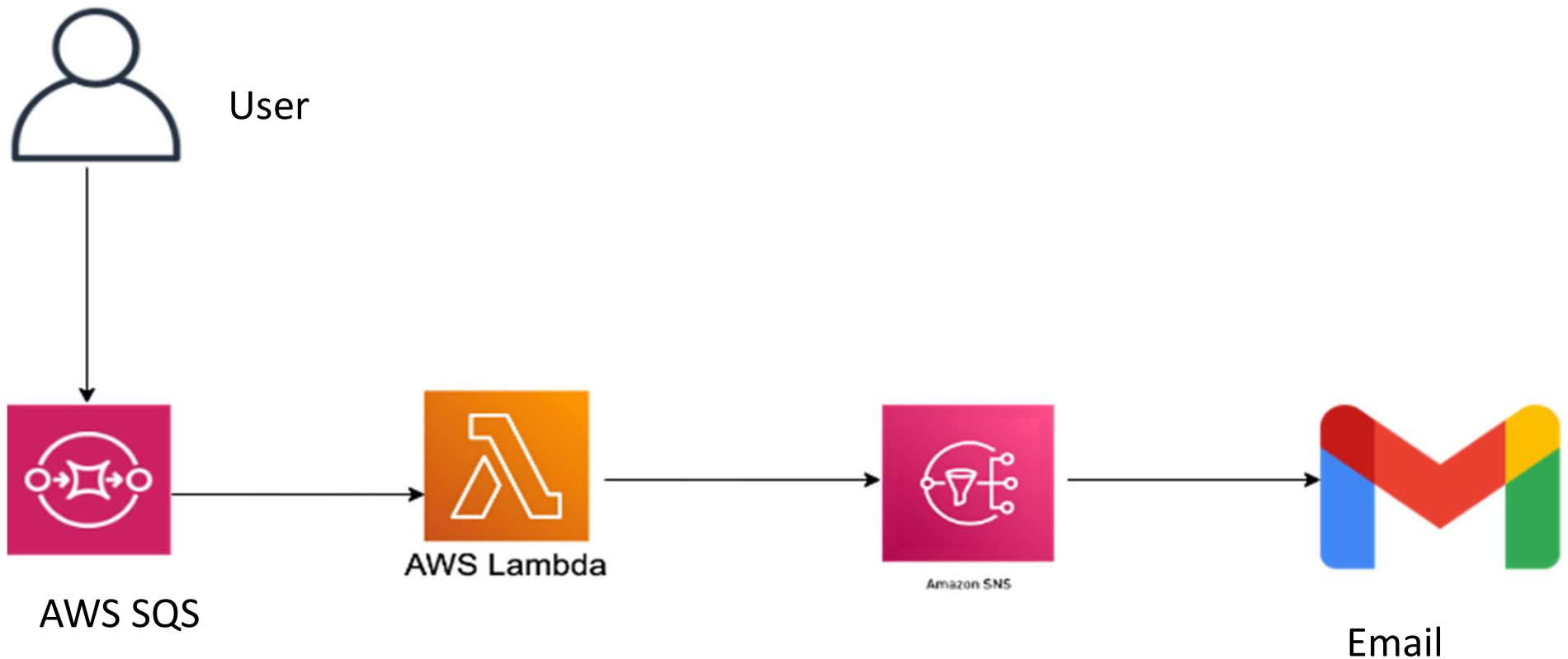


# **Project 3**

Create a integration between SQS  
Lambda and SNS.

send a message via SQS to Lambda  
and Lambda will send that message  
to SNS and SNS should send same  
message to your email.

# Architecture Diagram of AWS Lambda Function and AWS SQS and AWS SNS



# Create a lambda function

Create function - Lambda

https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/create/function

aws Services Search [Alt+S]

Mumbai kumar biju

Lambda > Functions > Create function

## Create function [Info](#)

AWS Serverless Application Repository applications have moved to [Create application](#).

☒ **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.

project3

Use only letters, numbers, hyphens, or underscores with no spaces.

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

Python 3.11

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

x86\_64

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78%

Live

ENG IN 6:07 PM 10/30/2023

# Give a name project3 lambda function and scroll down.

Create function - Lambda

https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/create/function

Services Search [Alt+S]

☐ Create a new role with basic Lambda permissions

☐ Use an existing role

☒ Create a new role from AWS policy templates

*Role creation might take a few minutes. Please do not delete the role or edit the trust or permissions policies in this role.*

**Role name**  
Enter a name for your new role.

prorole

Use only letters, numbers, hyphens, or underscores with no spaces.

**Policy templates - optional** [Info](#)  
Choose one or more policy templates.

Amazon SQS poller permissions X  
SQS

► **Advanced settings**

Cancel **Create function**

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Type here to search

78% 28°C Partly cloudy 6:08 PM 10/30/2023

# Lambda function successfully create.

The screenshot displays the AWS Lambda console interface. At the top, a green notification bar states: "Successfully created the function **project3**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

The main content area shows the details for the function **project3**. It includes a "Function overview" section with a card for the function, showing the Lambda icon and the name "project3". Below this, there is a "Layers" section with a stack icon and the text "(0)". To the left of the function card is a button labeled "+ Add trigger", and to the right is a button labeled "+ Add destination".

On the right side, there is a "Description" section with a minus icon. Below it, the "Last modified" timestamp is "now". The "Function ARN" is displayed as "arn:aws:lambda:ap-south-1:133935829274:func:project3". The "Function URL" is also shown with an "Info" link.

The bottom of the console shows the "CloudShell" button, a "Feedback" link, and the copyright notice "© 2023, Amazon Web Services, Inc. or its affiliates." along with links for "Privacy", "Terms", and "Cookie preferences".

The Windows taskbar at the very bottom shows the search bar, task view button, and several application icons. The system tray on the right indicates the date and time as "10/30/2023 6:09 PM" and shows the language as "ENG IN".

# Create AWS SQS

The screenshot shows the AWS Management Console interface for creating a new Amazon SQS queue. The browser address bar indicates the URL: `https://ap-south-1.console.aws.amazon.com/sqs/v2/home?region=ap-south-1#/create-queue`. The console header includes the AWS logo, a 'Services' menu, a search bar, and the user's name 'kumar biju'.

The main heading is 'Create queue'. Below it, the 'Details' section is active. It contains a 'Type' dropdown menu with two options:

- Standard** (selected): At-least-once delivery, message ordering isn't preserved.
  - At-least once delivery
  - Best-effort ordering
- FIFO**: First-in-first-out delivery, message ordering is preserved.
  - First-in-first-out delivery
  - Exactly-once processing

A warning message states: 'You can't change the queue type after you create a queue.'

The 'Name' field is populated with 'prosq'. A note below the field states: 'A queue name is case-sensitive and can have up to 80 characters. You can use alphanumeric characters, hyphens (-), and underscores (\_).'

The 'Configuration' section is partially visible at the bottom. The footer of the console shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates. The system taskbar at the bottom of the screen shows the date and time as 6:15 PM on 10/30/2023.

# Give a prosqs as sqs and scroll down page and set configuration.

**Create queue | Simple Queue Service**

https://ap-south-1.console.aws.amazon.com/sqs/v2/home?region=ap-south-1#/create-queue

**Configuration** [Info](#)

Set the maximum message size, visibility to other consumers, and message retention.

**Visibility timeout** [Info](#)

30 Seconds

Should be between 0 seconds and 12 hours.

**Message retention period** [Info](#)

4 Days

Should be between 1 minute and 14 days.

**Delivery delay** [Info](#)

0 Seconds

Should be between 0 seconds and 15 minutes.

**Maximum message size** [Info](#)

256 KB

Should be between 1 KB and 256 KB.

**Receive message wait time** [Info](#)

0 Seconds

Should be between 0 and 20 seconds.

**Encryption** [Info](#)

Amazon SQS provides in-transit encryption by default. To add at-rest encryption to your queue, enable server-side encryption.

**Server-side encryption**

☐ Disabled

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Type here to search

82% 28°C Partly cloudy ENG IN 6:15 PM 10/30/2023



# Set the access policy and scroll down to page

The screenshot shows the AWS Management Console interface for creating a new Simple Queue Service (SQS) queue. The browser address bar indicates the URL: `https://ap-south-1.console.aws.amazon.com/sqs/v2/home?region=ap-south-1#/create-queue`. The page title is "Create queue | Simple Queue Service".

The main content area is divided into two sections:

- Encryption** (Info icon):
  - Amazon SQS provides in-transit encryption by default. To add at-rest encryption to your queue, enable server-side encryption.
  - Server-side encryption:** ☒ Enabled, ☐ Disabled.
  - Encryption key type:** ☒ Amazon SQS key (SSE-SQS), ☐ AWS Key Management Service key (SSE-KMS).
    - Amazon SQS key (SSE-SQS): An encryption key that Amazon SQS creates, manages, and uses for you.
    - AWS Key Management Service key (SSE-KMS): An encryption key protected by AWS Key Management Service (AWS KMS).
- Access policy** (Info icon):
  - Define who can access your queue.
  - Choose method:** ☒ Basic, ☐ Advanced.
    - Basic: Use simple criteria to define a basic access policy.
    - Advanced: Use a JSON object to define an advanced access policy.
  - Define who can send messages to the queue:** ☒ Only the queue owner.
  - JSON (read-only):** A text area containing a JSON object: `{`.

The footer of the console shows "CloudShell", "Feedback", and copyright information: "© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences". The Windows taskbar at the bottom shows the search bar, task view, and several application icons, along with system status: "82%", "Rain tomorrow", "ENG IN", "6:16 PM", and "10/30/2023".



# Check the configuration and scroll down page.

aws | Services | Search [Alt+S] | Mumbai | kumar biju

https://ap-south-1.console.aws.amazon.com/sqs/v2/home?region=ap-south-1#/create-queue

**Only the queue owner**  
Only the owner of the queue can send messages to the queue.

☐ Only the specified AWS accounts, IAM users and roles  
Only the specified AWS account IDs, IAM users and roles can send messages to the queue.

**Define who can receive messages from the queue**

☒ Only the queue owner  
Only the owner of the queue can receive messages from the queue.

☐ Only the specified AWS accounts, IAM users and roles  
Only the specified AWS account IDs, IAM users and roles can receive messages from the queue.

```
{
  "Version": "2012-10-17",
  "Id": "__default_policy_ID",
  "Statement": [
    {
      "Sid": "__owner_statement",
      "Effect": "Allow",
      "Principal": {
        "AWS": "133935829274"
      },
      "Action": [
        "SQS:*"
      ],
      "Resource": "arn:aws:sqs:ap-south-1:133935829274:prosqs"
    }
  ]
}
```

**Redrive allow policy** - Optional [Info](#)  
Identify which source queues can use this queue as the dead-letter queue.

Select which source queues can use this queue as the dead-letter queue.

☒ Disabled

☐ Enabled

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Type here to search | 84% | Rain tomorrow | ENG IN | 6:16 PM | 10/30/2023

# Click the create button.

The screenshot shows the AWS Management Console interface for creating a new Simple Queue Service (SQS) queue. The browser address bar indicates the URL: `https://ap-south-1.console.aws.amazon.com/sqs/v2/home?region=ap-south-1#/create-queue`. The page title is "Create queue | Simple Queue Service".

The main content area is divided into two sections:

- Dead-letter queue - Optional** [Info](#)  
Send undeliverable messages to a dead-letter queue.  
Set this queue to receive undeliverable messages.  
☒ Disabled  
☐ Enabled
- Tags - Optional** [Info](#)  
A tag is a label assigned to an AWS resource. Use tags to search and filter your resources or track your AWS costs.  
Key:   
Value - optional:   
  
  
You can add 49 more tags.

At the bottom right of the form, there are two buttons: "Cancel" and "Create queue".

The footer of the console shows "CloudShell", "Feedback", and copyright information: "© 2023, Amazon Web Services, Inc. or its affiliates." It also includes links for "Privacy", "Terms", and "Cookie preferences".

The Windows taskbar at the bottom shows the search bar, several application icons, a battery level of 84%, and the system clock displaying "28°C Partly cloudy", "6:17 PM", and "10/30/2023".

# Sqs function successfully create.

The screenshot displays the AWS Management Console interface for an Amazon SQS queue named 'prosq'. A green notification banner at the top states 'Queue prosq created successfully' and 'You can now send and receive messages.' The breadcrumb navigation shows 'Amazon SQS > Queues > prosq'. The queue name 'prosq' is prominently displayed, followed by action buttons: 'Edit', 'Delete', 'Purge', 'Send and receive messages', and 'Start DLQ redrive'. Below this, the 'Details' tab is active, showing a table of queue properties:

Name	Type	ARN
prosq	Standard	arn:aws:sqs:ap-south-1:133935829274:prosq
Encryption	URL	Dead-letter queue
Amazon SQS key (SSE-SQS)	https://sqs.ap-south-1.amazonaws.com/133935829274/prosq	-

A 'More' link is available below the details table. At the bottom, a horizontal menu includes links for 'SNS subscriptions', 'Lambda triggers', 'Dead-letter queue', 'Monitoring', 'Tagging', 'Access policy', 'Encryption', and 'Dead-letter queue redrive tasks'. The footer of the console shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates. The Windows taskbar at the very bottom shows the search bar, task icons, system tray with weather (28°C Partly cloudy), and date/time (6:17 PM, 10/30/2023).

# Create sns topic

Create topic | Topics | Amazon SNS

https://ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/create-topic

aws Services Search [Alt+S] Mumbai kumar biju

## Create topic

### Details

Type [Info](#)  
Topic type cannot be modified after topic is created

☐ FIFO (first-in, first-out)

- Strictly-preserved message ordering
- Exactly-once message delivery
- High throughput, up to 300 publishes/second
- Subscription protocols: SQS

☒ Standard

- Best-effort message ordering
- At-least once message delivery
- Highest throughput in publishes/second
- Subscription protocols: SQS, Lambda, HTTP, SMS, email, mobile application endpoints

Name

prosns

Maximum 256 characters. Can include alphanumeric characters, hyphens (-) and underscores (\_).

Display name - optional [Info](#)  
To use this topic with SMS subscriptions, enter a display name. Only the first 10 characters are displayed in an SMS message.

project

Maximum 100 characters.

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Type here to search

85% 28°C Partly cloudy ENG IN 6:20 PM 10/30/2023

# Create sns and give a name prosns and set all default setting and click the create

The screenshot shows the 'Create topic' page in the AWS Management Console for the ap-south-1 region. The page is titled 'Create topic | Topics | Amazon SNS' in the browser tab. The URL is <https://ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/create-topic>. The AWS logo and 'Services' menu are visible in the top left. A search bar and user profile 'kumar biju' are in the top right. The main content area has three sections: 'Delivery status logging - optional', 'Tags - optional', and 'Active tracing - optional'. The 'Active tracing' section has two radio button options: 'Use active tracing' (selected) and 'Don't use active tracing'. At the bottom right, there are 'Cancel' and 'Create topic' buttons. The footer includes 'CloudShell', 'Feedback', copyright information, and links for 'Privacy', 'Terms', and 'Cookie preferences'. The Windows taskbar at the bottom shows the search bar, task view, and system tray with date and time.

Create topic | Topics | Amazon SNS

https://ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/create-topic

aws Services Search [Alt+S] Mumbai kumar biju

► **Delivery status logging - optional** Info  
These settings configure the logging of message delivery status to CloudWatch Logs.

► **Tags - optional**  
A tag is a metadata label that you can assign to an Amazon SNS topic. Each tag consists of a key and an optional value. You can use tags to search and filter your topics and track your costs. [Learn more](#)

▼ **Active tracing - optional** Info  
Use AWS X-Ray active tracing for this topic to view its traces and service map in Amazon CloudWatch. Additional costs apply.

☒ Use active tracing [Learn more](#)  
AWS X-Ray active tracing helps you analyze and debug the end-to-end request paths of your application. When you activate active tracing on this topic, the Amazon SNS console verifies your AWS X-Ray resource policies. If your policies do not have the required permissions, the Amazon SNS console attempts to automatically create a policy that allows the Amazon SNS service to send data to AWS X-Ray. Additional costs apply, check AWS X-Ray pricing for more information.

☐ Don't use active tracing

Cancel Create topic

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Type here to search 90% 28°C Partly cloudy ENG IN 6:27 PM 10/30/2023

prosns | Topics | Amazon SNS | S x

https://ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/topic/arn:aws:sns:ap-south-1:133935829274:prosns

aws Services Search [Alt+S]

Mumbai kumar biju

Amazon SNS

Dashboard

Topics

Subscriptions

Mobile

Push notifications

Text messaging (SMS)

Origination numbers

New Feature

Amazon SNS FIFO topics now support message delivery to Amazon SQS Standard queues. [Learn more](#)

Topic prosns created successfully.

You can create subscriptions and send messages to them from this topic.

[Amazon SNS](#) > [Topics](#) > prosns

prosns

Edit Delete Publish message

Details

Name	prosns	Display name	-
ARN	arn:aws:sns:ap-south-1:133935829274:prosns	Topic owner	133935829274
Type	Standard		

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Type here to search

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28°C Partly cloudy

ENG IN 5:51 PM 10/31/2023



# Now create subscription and choose email.

Create subscription | Subscription x +

https://ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/create-subscription

aws Services Search [Alt+S]

Amazon SNS > Subscriptions > Create subscription

## Create subscription

**Details**

Topic ARN

arn:aws:sns:ap-south-1:133935829274:prosns

Protocol

The type of endpoint to subscribe

Email

Endpoint

An email address that can receive notifications from Amazon SNS.

srinfotechpr@gmail.com

After your subscription is created, you must confirm it. [Info](#)

Subscription filter policy - optional [Info](#)

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28°C Partly cloudy

ENG IN 5:58 PM 10/31/2023



# Click the create subscription button.

Create subscription | Subscription x +

https://ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/create-subscription

aws Services Search [Alt+S]

Mumbai kumar biju

**Protocol**  
The type of endpoint to subscribe

Email

**Endpoint**  
An email address that can receive notifications from Amazon SNS.

srinfotechpr@gmail.com

After your subscription is created, you must confirm it. [Info](#)

► **Subscription filter policy - optional** [Info](#)  
This policy filters the messages that a subscriber receives.

► **Redrive policy (dead-letter queue) - optional** [Info](#)  
Send undeliverable messages to a dead-letter queue.

Cancel Create subscription

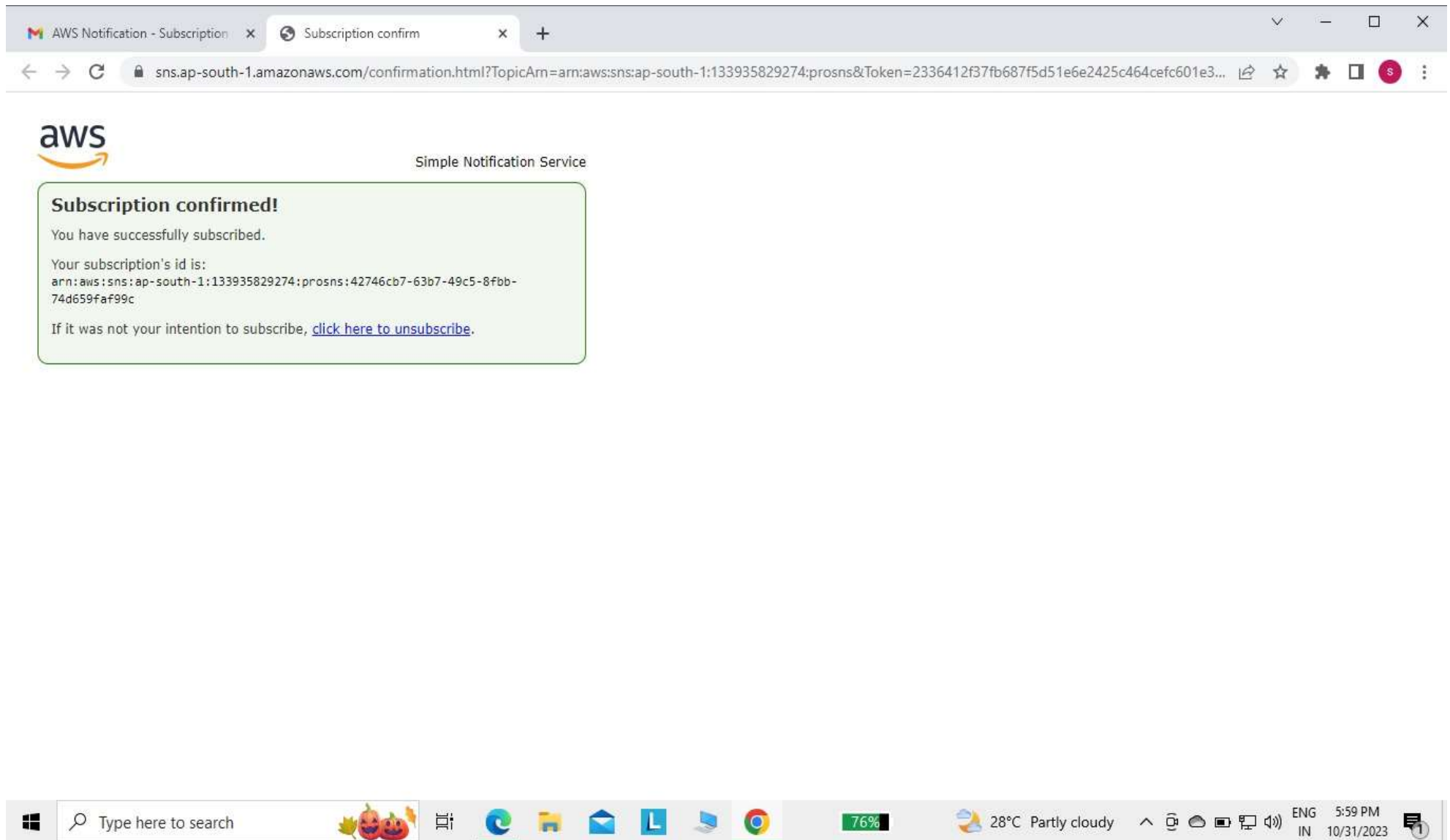
CloudShell Feedback

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Type here to search

76% 28°C ENG IN 5:58 PM 10/31/2023

# Open the email and click the aws subscription and successfully subscribe



# Click the early create lambda function and click add trigger and select sqs.

The screenshot shows the AWS Lambda console's 'Add trigger' page. The browser address bar indicates the URL is `https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/add/relation?focus=aws%2Flambda&target=arn...`. The page title is 'Add trigger'. Under the 'Trigger configuration' section, the 'SQS' trigger type is selected. Below this, the 'SQS queue' field contains the ARN `arn:aws:sqs:ap-south-1:133935829274:prosqs`. The 'Activate trigger' checkbox is checked. The 'Batch size - optional' field is set to 10. The 'Batch window - optional' field is empty. The bottom of the page shows the AWS footer with copyright information and links to Privacy, Terms, and Cookie preferences. The Windows taskbar at the bottom displays the search bar, task view button, and several application icons, including Edge, File Explorer, Mail, and Chrome, along with a 75% battery indicator and system clock showing 6:01 PM on 10/31/2023.

aws Add triggers - Lambda

https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/add/relation?focus=aws%2Flambda&target=arn...

Services Search [Alt+S]

Mumbai kumar biju

Lambda > Add trigger

## Add trigger

### Trigger configuration [Info](#)

**SQS**  
aws event-source-mapping polling queue

**SQS queue**  
Choose or enter the ARN of an SQS queue.

☒ **Activate trigger**  
Select to activate the trigger now. Keep unchecked to create the trigger in a deactivated state for testing (recommended).

**Batch size - optional**  
The number of records in each batch to send to the function.

The maximum is 10,000 for standard queues and 10 for FIFO queues.

**Batch window - optional**

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75%

Live

ENG 6:01 PM  
IN 10/31/2023

# Click the add button and successfully add in lambda function

**Add triggers - Lambda**

https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/add/relation?focus=aws%2Flambda&target=arn...

**Batch window - optional**  
The maximum amount of time to gather records before invoking the function, in seconds.

0

When the batch size is greater than 10, set the batch window to at least 1 second.

**Maximum concurrency - optional**  
The maximum number of concurrent function instances that the SQS event source can invoke.

Specify a value between 2 and 1000. To deactivate, leave the box empty.

**Report batch item failures - optional**  
Allow your function to return a partial successful response for a batch of records.

☐

**Filter criteria - optional**  
Define the filtering criteria to determine whether or not to process an event. Each filter must be in a valid JSON format in filter rule syntax. Lambda processes an event if any one of the filters are met. Otherwise, Lambda discards the event. [Learn more](#)

**Add**

During trigger creation, Lambda translates your filter(s) into a single JSON structure containing all your filtering criteria.

In order to read from the SQS trigger, your execution role must have proper permissions.

Cancel **Add**

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Type here to search 75% ENG IN 6:01 PM 10/31/2023

# Click the add destination button

project3 - Lambda

https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/project3?tab=configure

aws Services Search [Alt+S]

Mumbai kumar biju

Lambda > Functions > project3

project3

Throttle Copy ARN Actions

✓ The trigger prosqs was successfully added to function project3. The trigger is in a disabled state.

▼ Function overview Info

project3

Layers (0)

SQS

+ Add trigger

+ Add destination

Description

Last modified yesterday

Function ARN

arn:aws:lambda:ap-south-1:133935829274:function:project3

Function URL Info

CloudShell Feedback

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Type here to search

74%

Live

ENG IN 6:02 PM 10/31/2023

# Select the destination and scroll down page

The screenshot shows the AWS Lambda console interface for adding a destination. The browser address bar displays the URL: `https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/project3/create/destination?tab=code`. The page title is "Add destination (project3) - Lambda". The breadcrumb navigation shows the path: `Lambda > Functions > project3 > Add destination`. The main heading is "Add destination".

**Destination configuration** [Info](#)

Configure a destination to receive invocation records. Lambda can send records when your function is invoked asynchronously, or when your function processes records from an event source mapping.

**Source**  
Choose the invocation type that Lambda sends records for.

- ☒ Asynchronous invocation
- ☐ Event source mapping invocation

**Condition**  
Choose whether to send invocation records for event processing failures or for successful invocations.

- ☐ On failure
- ☒ On success

**Destination type**  
Choose the destination type that Lambda sends invocation records to.

SNS topic

**Destination**  
Choose the ARN of the destination, or enter the ARN manually.

The bottom of the page shows the AWS footer with "CloudShell", "Feedback", and copyright information. The Windows taskbar at the very bottom includes a search bar, task view, and various application icons.



# Click the save button

Browser tabs: Add destination (project3) - Lam x +

Address bar: <https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/project3/create/destination?tab=code>

Navigation: aws Services Search [Alt+S] Mumbai kumar biju

**Source**  
Choose the invocation type that Lambda sends records for.

- ☒ Asynchronous invocation
- ☐ Event source mapping invocation

**Condition**  
Choose whether to send invocation records for event processing failures or for successful invocations.

- ☐ On failure
- ☒ On success

**Destination type**  
Choose the destination type that Lambda sends invocation records to.

SNS topic

**Destination**  
Choose the ARN of the destination, or enter the ARN manually.

arn:aws:sns:ap-south-1:133935829274:prosns

**► Permissions**  
If your execution role doesn't have the required permissions for the selected destination, then Lambda will attempt to add the permissions to the role.

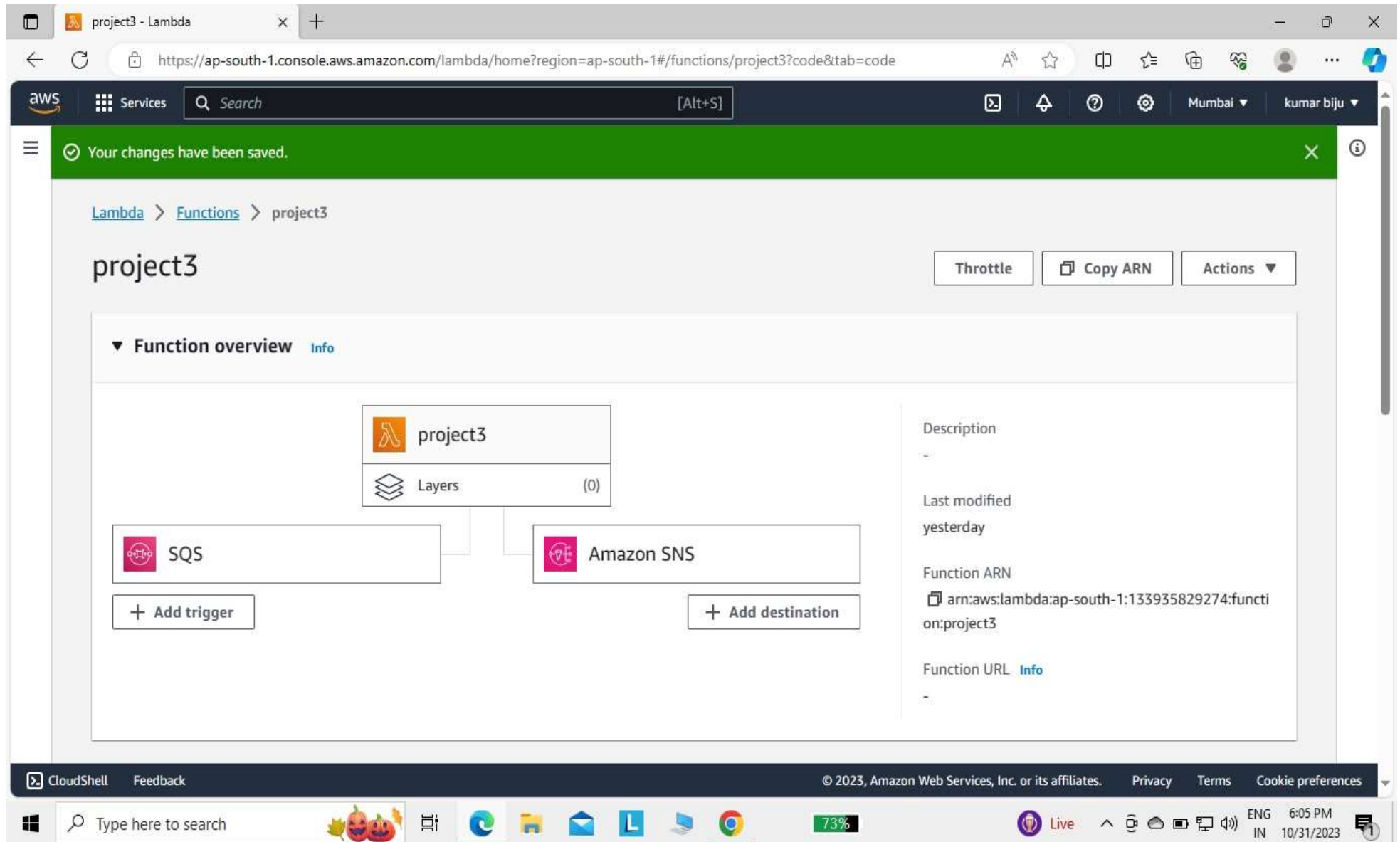
Cancel Save

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Type here to search 74% ENG IN 6:04 PM 10/31/2023



# Successfully save the destination



The screenshot shows the AWS Lambda console for a function named 'project3'. A green notification bar at the top states 'Your changes have been saved.' The breadcrumb navigation shows 'Lambda > Functions > project3'. The function name 'project3' is displayed prominently. To the right of the name are buttons for 'Throttle', 'Copy ARN', and 'Actions'. Below the function name is the 'Function overview' section, which includes a diagram showing the function connected to 'SQS' and 'Amazon SNS' triggers. The 'Add destination' button is visible, indicating the destination has been successfully saved. On the right side, the 'Description' field is empty, 'Last modified' is 'yesterday', and the 'Function ARN' is 'arn:aws:lambda:ap-south-1:133935829274:function:project3'. The 'Function URL' field is also empty. The bottom of the console shows the 'CloudShell' button, 'Feedback' link, and copyright information. The Windows taskbar at the bottom displays the search bar, system tray icons, and the date/time '10/31/2023'.

project3 - Lambda

https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/project3?code&tab=code

Services Search [Alt+S]

Mumbai kumar biju

✓ Your changes have been saved.

Lambda > Functions > project3

project3

Throttle Copy ARN Actions

▼ Function overview Info

project3

Layers (0)

SQS

Amazon SNS

+ Add trigger

+ Add destination

Description

Last modified yesterday

Function ARN

arn:aws:lambda:ap-south-1:133935829274:function:project3

Function URL Info

CloudShell Feedback

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Type here to search

73%

Live

ENG IN 6:05 PM 10/31/2023

# Check the trigger is enabled

The screenshot displays the AWS Lambda console interface. At the top, a green notification bar states "Your changes have been saved." The main content area is divided into tabs: Code, Test, Monitor, Configuration (selected), Aliases, and Versions. On the left sidebar, the "Triggers" tab is selected under the "General configuration" section. The "Triggers (1)" section shows a single trigger named "prosqs" of type "SQS". The trigger's state is "Enabled", and its ARN is "arn:aws:sqs:ap-south-1:133935829274:prosqs". A "Details" link is provided for the trigger. The bottom of the screen shows the Windows taskbar with the search bar, taskbar icons, and system tray information including the date and time (10/31/2023, 6:05 PM).

project3 - Lambda

https://ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/project3?code&tab=code

Services Search [Alt+S]

Mumbai kumar biju

✓ Your changes have been saved.

on:project3

Function URL [Info](#)

Code Test Monitor **Configuration** Aliases Versions

General configuration

**Triggers**

Permissions

Destinations

Function URL

Environment variables

Tags

VPC

**Triggers (1)** [Info](#)

[Refresh](#) [Fix errors](#) [Edit](#) [Delete](#) [Add trigger](#)

☐ Trigger

**SQS: prosqs**

arn:aws:sqs:ap-south-1:133935829274:prosqs

state: **Enabled**

[Details](#)

CloudShell Feedback

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# Check the cloud watch and all detail is shown in cloud watch

The screenshot shows the AWS Lambda console for a function named 'project3' in the 'ap-south-1' region. The 'Monitoring' tab is selected, displaying a table of 'Recent invocations'. The table includes columns for invocation number, timestamp, request ID, log stream, duration in milliseconds, and billed duration. A single invocation is listed with a duration of 1.5 ms and a billed duration of 2.0 ms. Below this, a section titled 'Most expensive invocations in GB-seconds (memory assigned \* billed duration)' shows the same invocation as the most expensive, with a billed duration of 2.0 ms and a memory usage of 128 MB. The interface includes a navigation bar with the AWS logo, a search bar, and a list of services. The bottom of the screen shows a Windows taskbar with various application icons and system information.

alias, visit the **Monitor** section at that level.

1h 3h 12h 1d 3d 1w UTC timezone

### Recent invocations

#	Timestamp	RequestID	LogStream	DurationInMS	BilledDur
1	2023-10-31T12:37:42.336Z	991f69dd-3450-5a8f-842b-3467c31f0f75	2023/10/31/[\$LATEST]480a9facbbb3498aadba858ea3e736c	1.5	2.0

### Most expensive invocations in GB-seconds (memory assigned \* billed duration)

#	Timestamp	RequestID	LogStream	BilledDurationInMS	Mem
1	2023-10-31T12:37:42.336Z	991f69dd-3450-5a8f-842b-3467c31f0f75	2023/10/31/[\$LATEST]480a9facbbb3498aadba858ea3e736c	2.0	128

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