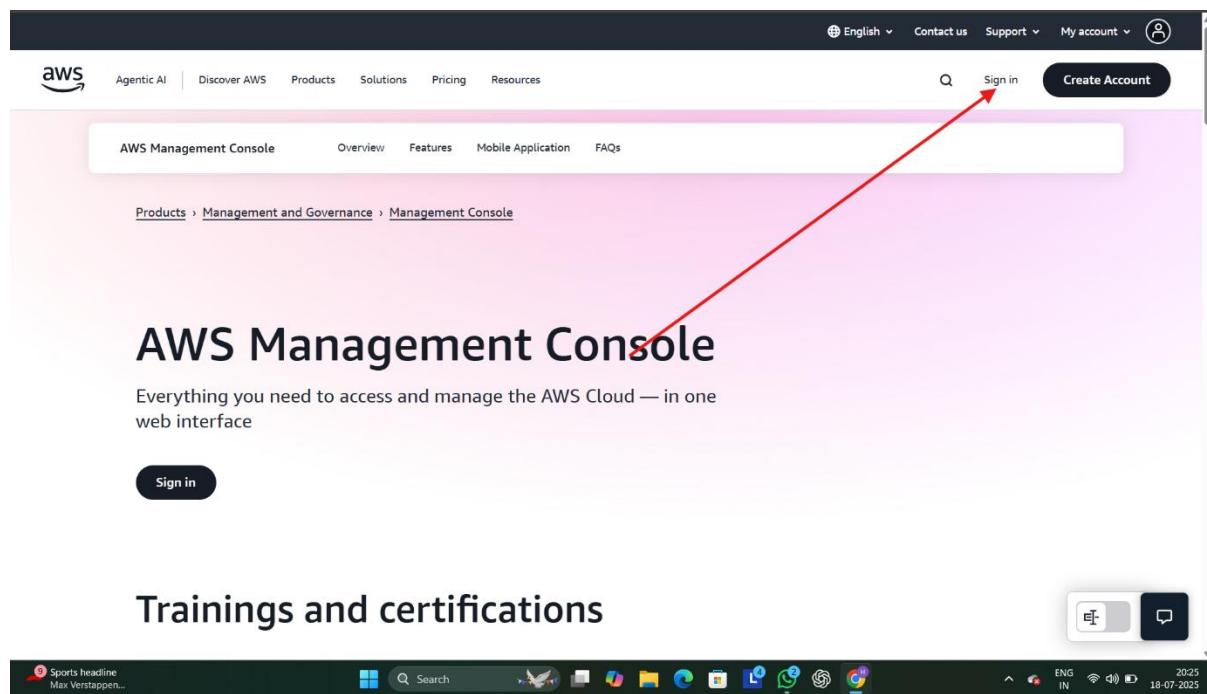


CREATING AN AMAZON SQS QUEUE AND SUBSCRIBING IT TO AN SNS TOPIC (USING AMAZON SQS PROTOCOL)

Step 1: Sign in to AWS Console

Visit <https://console.aws.amazon.com/>

Login with your credentials (or sign up if you don't have an account).

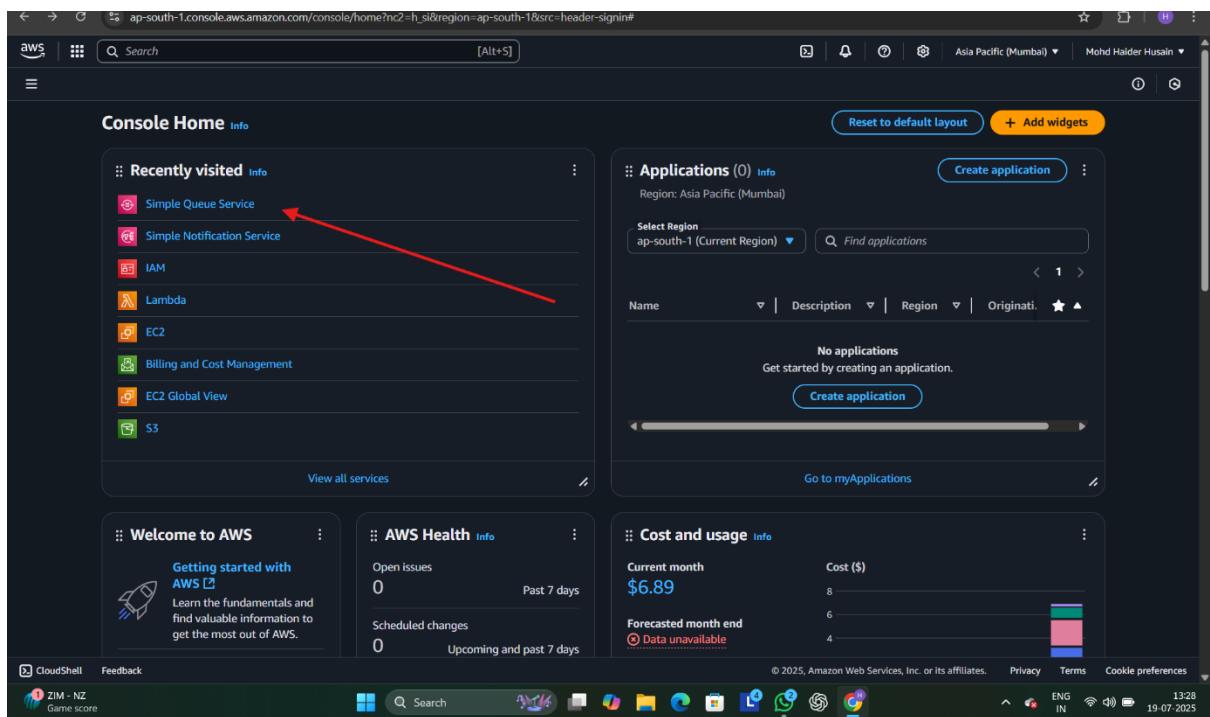


Step 2: Navigate to Amazon SQS

From the AWS Console Home, either:

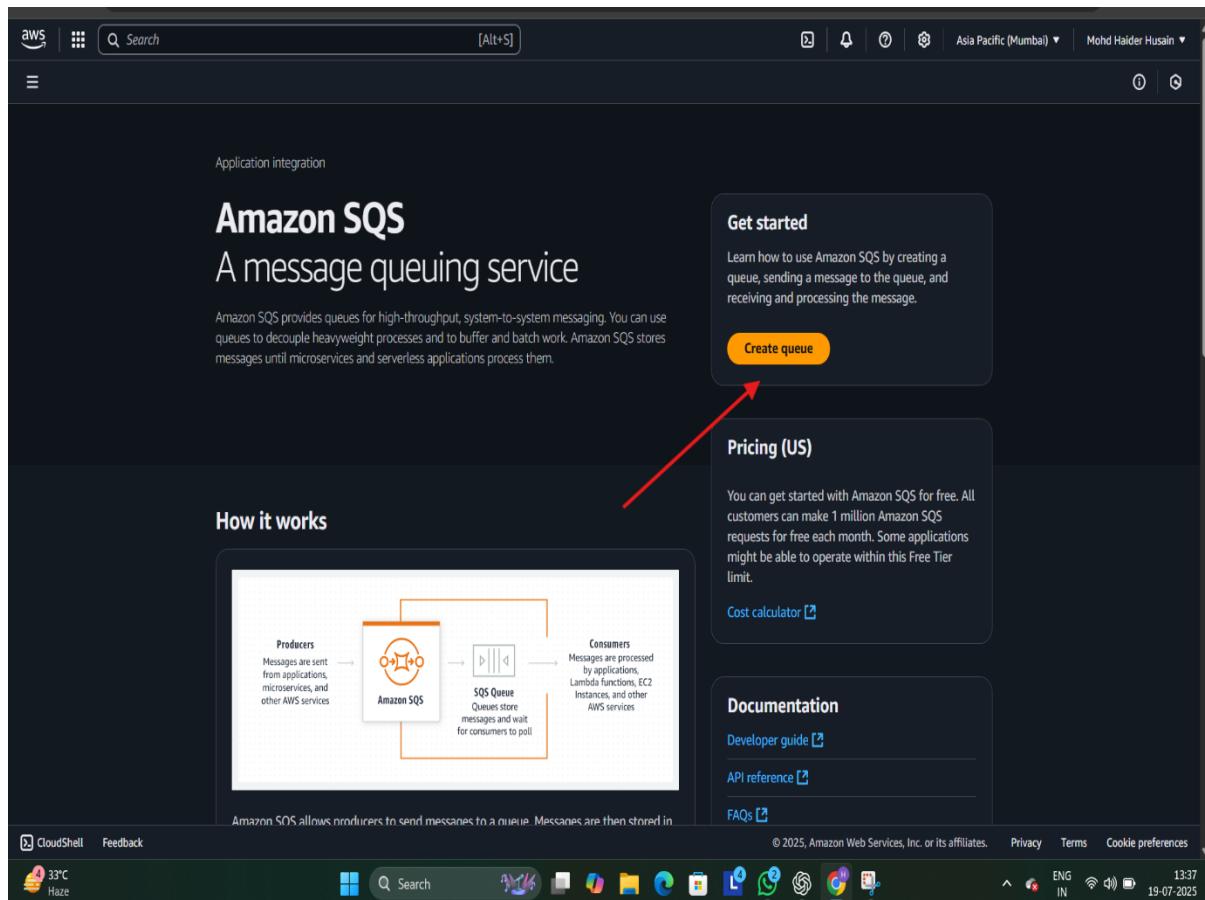
Click on "Simple Queue Service" under “Recently visited” (as shown in Screenshot 2)

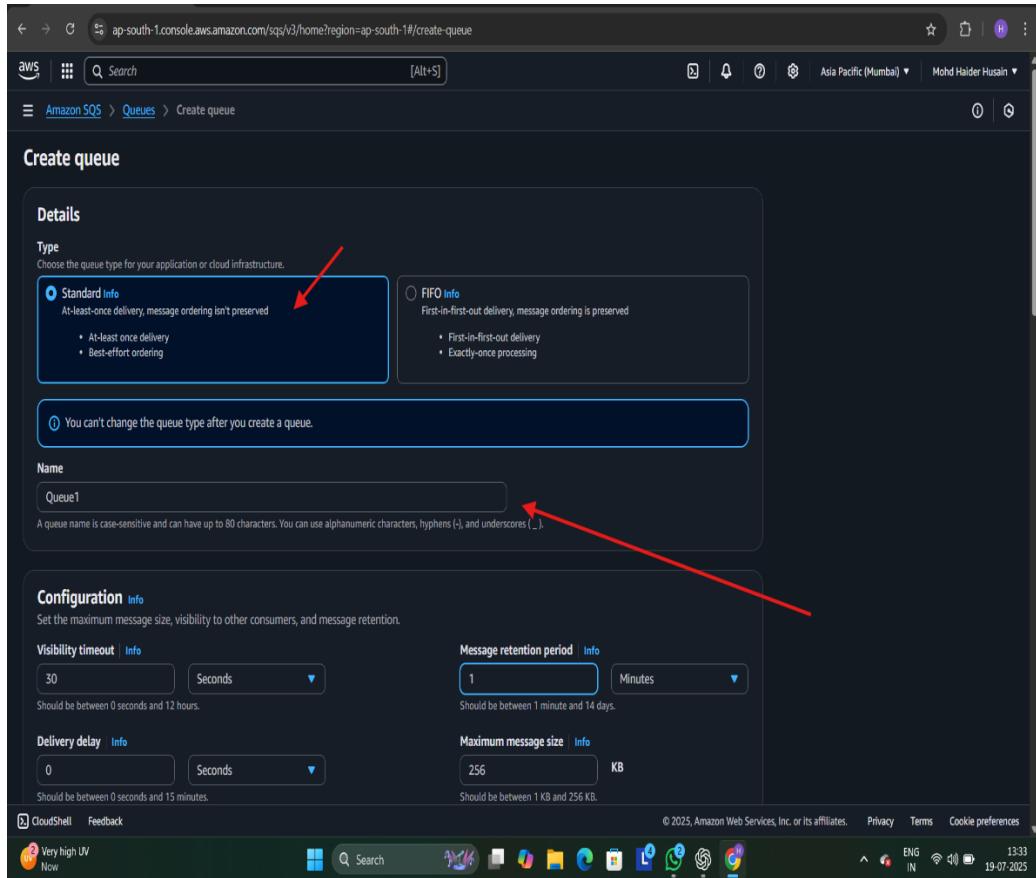
Or, search for “SQS” in the top search bar and select Simple Queue Service.



Step 3: Create a New Queue

- Click on “Create queue”
- Choose queue type:
- Standard (for at-least-once delivery, no guaranteed order)
- FIFO (for exactly-once, ordered delivery)
- Enter a Queue Name (e.g., Queue1)
- Configure settings (like visibility timeout, delivery delay, etc.)
- In Screenshot 3, retention is set to 1 minute, max message size to 256 KB
- Scroll down and click Create Queue





Step 4: Confirm Queue Creation

You'll see the queue listed (Screenshot 4 shows Queue1 created)

You can click on the queue to send, receive, or configure further.

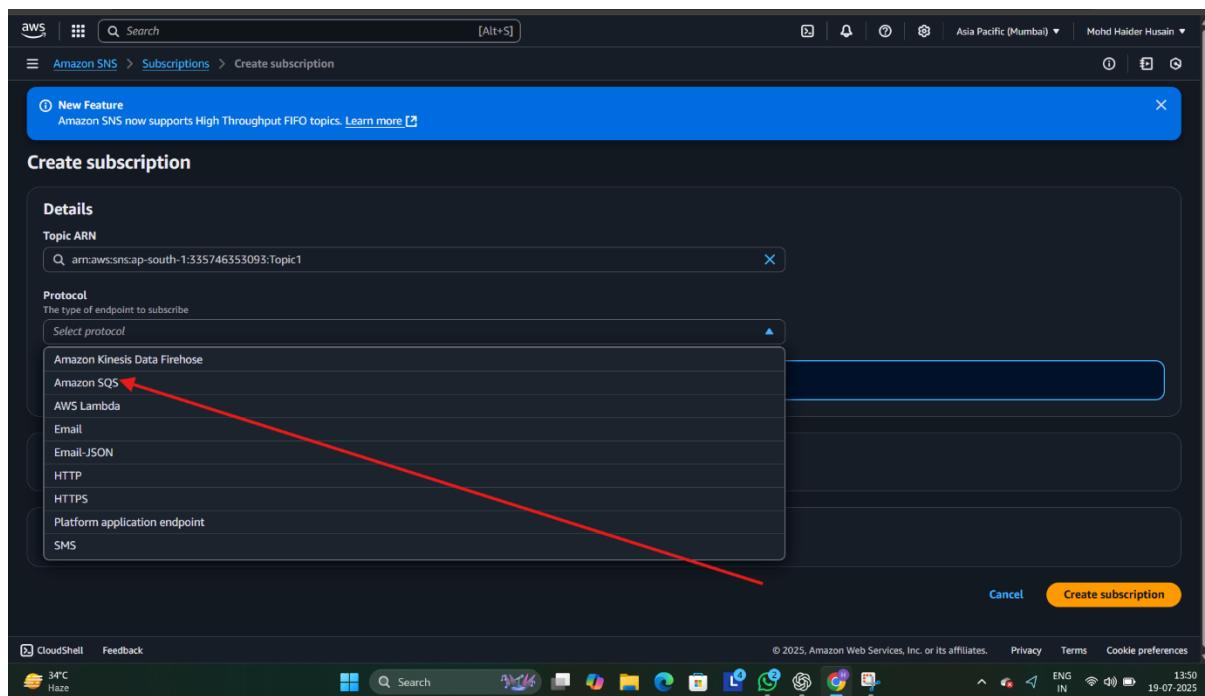
The screenshot shows the AWS Simple Queue Service (SQS) console. At the top, there's a navigation bar with links for 'Amazon SQS' and 'Queues'. Below it is a search bar and a toolbar with buttons for 'Edit', 'Delete', 'Send and receive messages', 'Actions', and 'Create queue'. A table lists 'Queues (1)'. The columns are: Name, Type, Created, Messages available, Messages in flight, Encryption, and Content-based deduplication. The single row shows 'Queue1' as Standard type, created on '2025-07-19T13:38+05:30', with 1 message available, 0 in flight, and 'Amazon SQS key (SSE-SQS)' under Encryption. Red arrows point from the text 'Encryption' in the section title to both the column header and the specific value in the table row.

◆ Step 5: Create an SNS Topic (if not already created)

- Go to Simple Notification Service from AWS Console
- Create a topic (Standard or FIFO) and note down the Topic ARN

◆ Step 6: Subscribe the SQS Queue to the SNS Topic

- In SNS dashboard, go to “Subscriptions” > Create subscription
- Choose your Topic ARN
- In Protocol, select Amazon SQS (as shown in Screenshot 5)
- In Endpoint, paste the SQS Queue ARN (found in SQS queue details)
- Click “Create subscription”



From

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