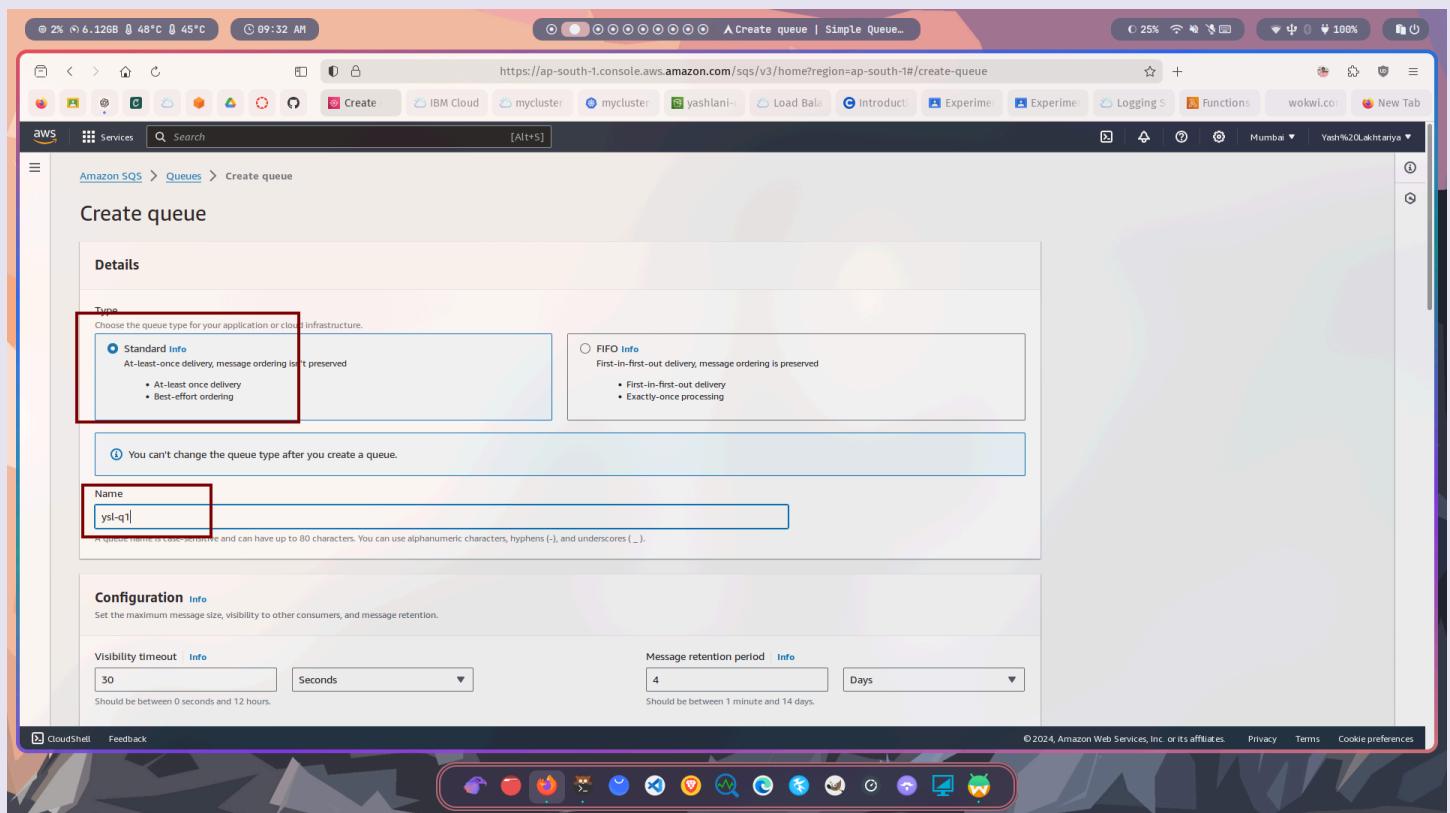


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Scenario : Demonstration of SQS service. Configure and send/receive messages in a queue.

Steps and Screenshots :

Create Queue in SQS service



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The screenshot shows the 'Create queue' configuration page for AWS Simple Queue Service (SQS). The configuration includes:

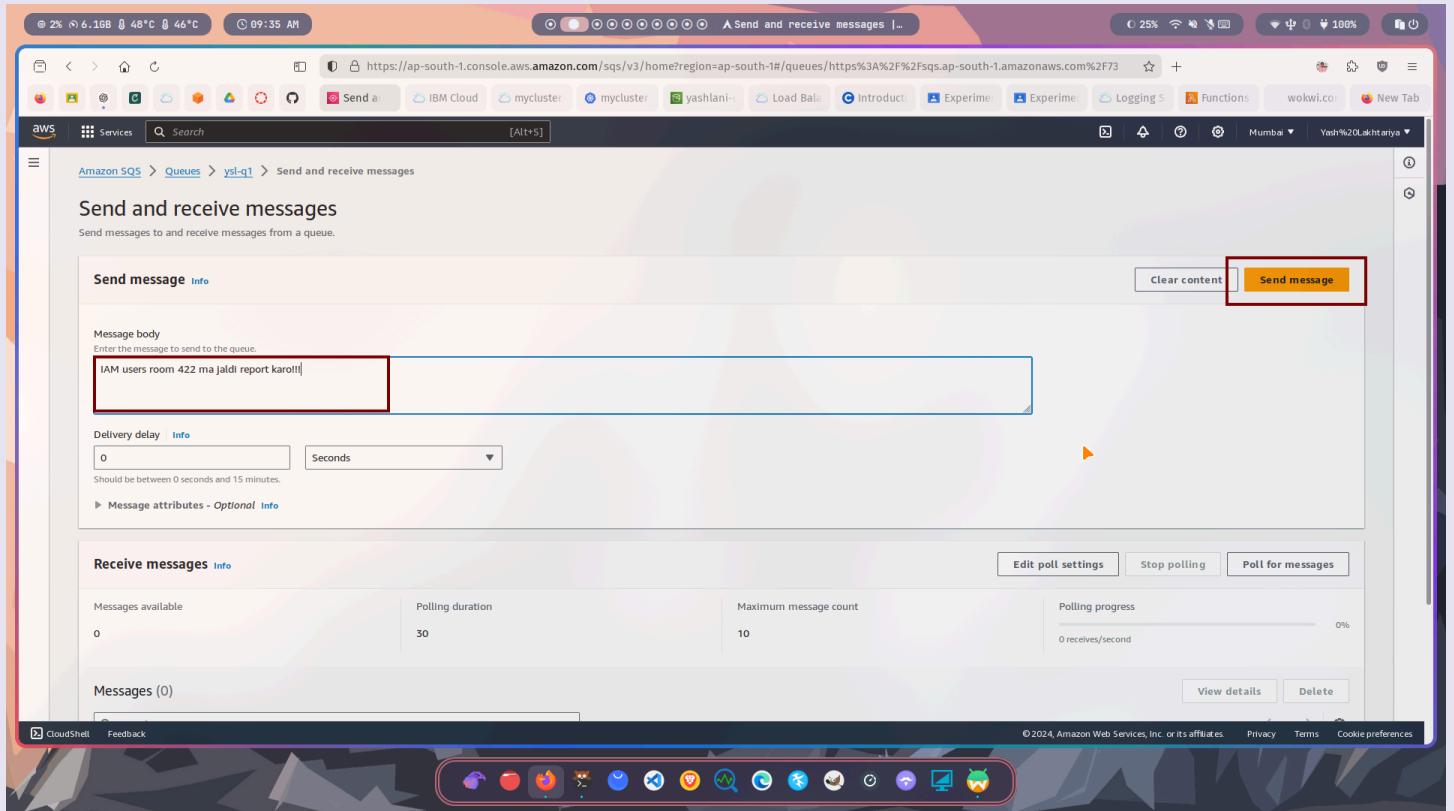
- Visibility timeout:** Set to 50 Seconds.
- Message retention period:** Set to 5 Minutes.
- Delivery delay:** Set to 0 Seconds.
- Maximum message size:** Set to 256 KB.
- Encryption:** Server-side encryption is disabled.
- Access policy:** Choose method is set to 'Basic'.

The screenshot shows the 'Queue details' page for the 'ysl-q1' queue. The queue details include:

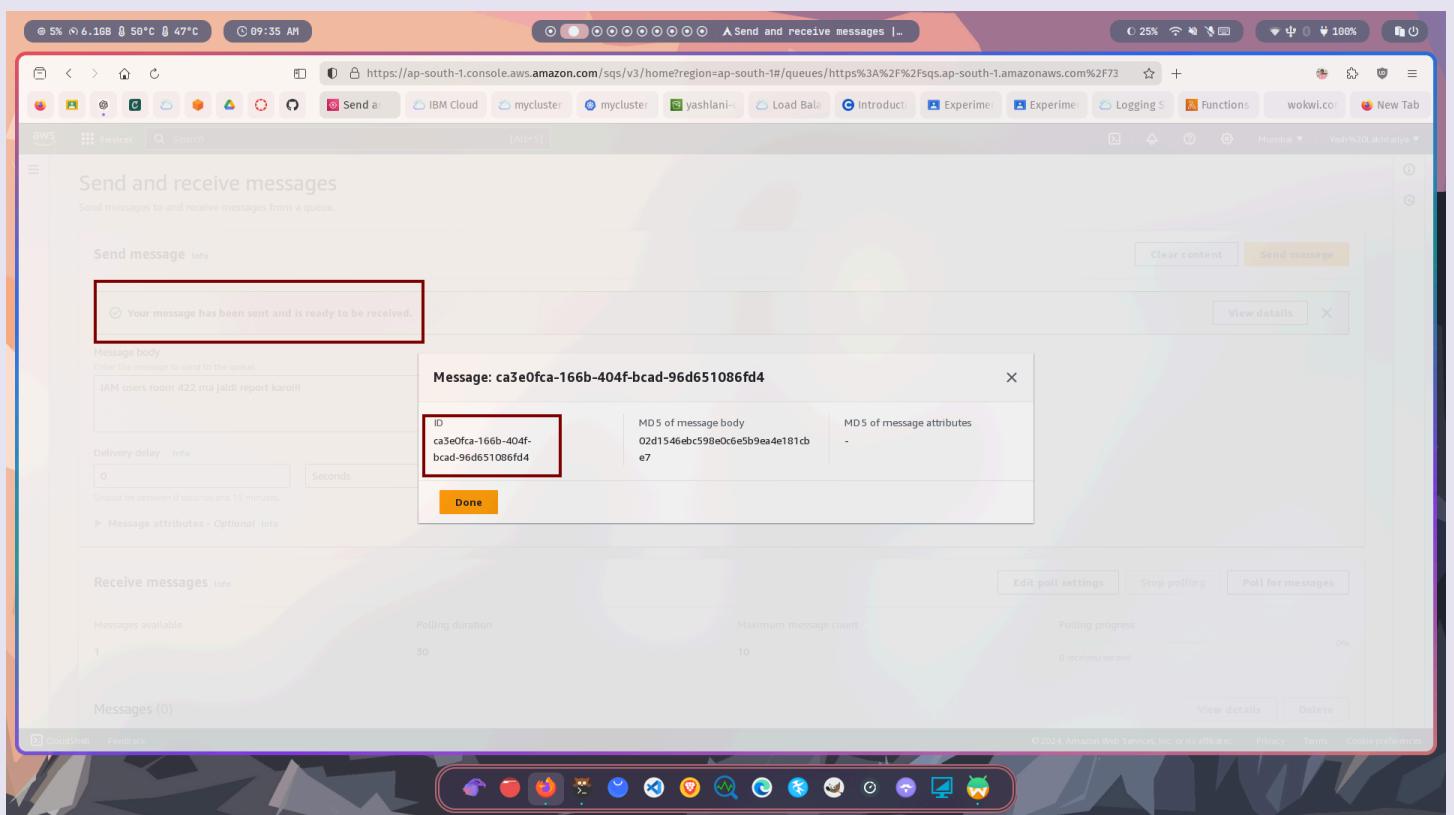
- Name:** ysl-q1
- Type:** Standard
- ARN:** arn:aws:sqs:ap-south-1:730355462491:ysl-q1
- URL:** https://sqs.ap-south-1.amazonaws.com/730355462491/ysl-q1
- Dead-letter queue:** None

Below the queue details, there are tabs for SNS subscriptions, Lambda triggers, EventBridge Pipes, Dead-letter queue, Monitoring, Tagging, Access policy, Encryption, and Dead-letter queue redrive tasks. The 'SNS subscriptions' tab is selected, showing 0 subscriptions. A 'Send and receive messages' button is highlighted with a red box.

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The screenshot shows the AWS SQS 'Send and receive messages' interface. In the 'Send message' section, a message body 'IAM users room 422 ma jaldi report kar!!!' is entered into the text input field, which is highlighted with a red box. The 'Send message' button is also highlighted with a red box. Below this, there are fields for 'Delivery delay' (set to 0 seconds) and 'Message attributes' (optional). In the 'Receive messages' section, it shows 0 messages available, a polling duration of 30 seconds, and a maximum message count of 10. The poll progress bar is at 0%.



The screenshot shows the AWS SQS 'Send and receive messages' interface after a message has been sent. A success message 'Your message has been sent and is ready to be received.' is displayed in a box, which is highlighted with a red box. The message details for 'Message: ca3e0fca-166b-404f-bcad-96d651086fd4' are shown in a modal window, including its ID ('ca3e0fca-166b-404f-bcad-96d651086fd4'), MD5 of message body ('02d1546ebc598e0c6e5b9ea4e181cb7'), and MD5 of message attributes ('-'). The 'Done' button in the modal is highlighted with a red box. The 'Receive messages' section shows 1 message available, a polling duration of 30 seconds, and a maximum message count of 10. The poll progress bar is at 0%.

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The screenshot shows the AWS SQS console interface. At the top, there is a success message: "Your message has been sent and is ready to be received." Below this, the "Message body" field contains the text: "IAM users room 422 ma jaldi report karo!!!". Under "Delivery delay", the value is set to 0 seconds. In the "Receive messages" section, there is one message listed:

ID	Sent	Size	Receive count
ca5e0fca-166b-404f-bcad-96d651086fd4	2024-09-25T09:35+05:30	42 bytes	1

This screenshot shows the AWS SQS console with a message detail dialog open. The message ID is "ca3e0fca-166b-404f-bcad-96d651086fd4". The "Body" tab displays the message content: "IAM users room 422 ma jaldi report karo!!!". The "Done" button at the bottom of the dialog is highlighted with a red box. The rest of the interface is identical to the first screenshot, showing the message in the list and the delivery status.

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The screenshot shows the AWS SQS Queue list page. At the top, there is a search bar and a filter button labeled '[Alt+5]'. Below the search bar, there is a table header with columns: Name, Type, Created, Messages available, Messages in flight, Encryption, and Content-based deduplication. A single queue, 'ysl-q1', is listed. The queue details are as follows:

Name	Type	Created	Messages available	Messages in flight	Encryption	Content-based deduplication
ysl-q1	Standard	2024-09-25T09:34:05.30	0	0	Disabled	-

At the bottom right of the table, there are several buttons: 'Edit', 'Delete', 'Send and receive messages', 'Actions', and 'Create queue'. The 'Delete' button is highlighted with a red box.

The screenshot shows a 'Delete queue' confirmation dialog box. The dialog contains the following text:
Are you sure you want to delete the following queue permanently? This action cannot be undone.
• ysl-q1 - contains 0 messages
Type confirm to agree.
Below the text, there is an input field containing 'confirm' and two buttons: 'Cancel' and 'Delete'. The 'Delete' button is highlighted with a red box.