

AWS SQS Cheatsheet

Connection

aws configure

Set up AWS credentials for CLI use

aws sqs help

Get help on SQS commands

aws configure --profile [profile_name]

Set up a named profile for AWS credentials

Queue Management

aws sqs create-queue --queue-name [queue_name]

Create a new queue

aws sqs list-queues

List all queues

aws sqs delete-queue --queue-url [queue_url]

Delete a queue

aws sqs get-queue-url --queue-name [queue_name]

Get the URL for a queue

aws sqs get-queue-attributes --queue-url [queue_url] --attribute-names All

Get all attributes for a queue

Message Operations

aws sqs send-message --queue-url [queue_url] --message-body [message]

Send a message to a queue

aws sqs receive-message --queue-url [queue_url]

Receive messages from a queue

aws sqs delete-message --queue-url [queue_url] --receipt-handle [receipt_handle]

Delete a message from a queue

aws sqs purge-queue --queue-url [queue_url]

Delete all messages from a queue

Batch Operations

aws sqs send-message-batch --queue-url [queue_url] --entries file://entries.json

Send multiple messages in a single request

aws sqs delete-message-batch --queue-url [queue_url] --entries file://entries.json

Delete multiple messages in a single request

Queue Attributes

aws sqs set-queue-attributes --queue-url [queue_url] --attributes file://attributes.json

Set queue attributes

aws sqs get-queue-attributes --queue-url [queue_url] --attribute-names [attribute1] [attribute2]

Get specific queue attributes

Dead Letter Queue

aws sqs set-queue-attributes --queue-url [queue_url] --attributes

```
{ "RedrivePolicy": "{ \"deadLetterTargetArn\": \"arn:aws:sqs:region:account:deadletter\", \"maxReceiveCount\": \"5\" }" }
```

Configure dead letter queue

aws sqs get-queue-attributes --queue-url [queue_url] --attribute-names RedrivePolicy

View dead letter queue configuration

Monitoring

aws cloudwatch get-metrics --namespace AWS/SQS --metric-name

ApproximateNumberOfMessagesVisible --dimensions

Name=QueueName,Value=[queue_name]

Monitor queue depth

aws cloudwatch get-metrics --namespace AWS/SQS --metric-name NumberOfMessagesSent --dimensions

Name=QueueName,Value=[queue_name]

Monitor message send rate