

CSCI5409: Assignment 4 – Serverless: SQS Screenshots

SQS QUEUES

Amazon SQS > Queues

Queues (4) Refresh Edit Delete Send and receive messages Actions Create queue

< 1 >

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	Name ▲	Type ▼	Created ▼	Messages available ▼	Messages in flight ▼	Encryption ▼	Content-based deduplication ▼
<input type="radio"/>	T1_SQS	Standard	4/5/2022, 01:10:38 GMT+5:30	0	0	Disabled	-
<input type="radio"/>	T2_SQS	Standard	4/5/2022, 01:11:39 GMT+5:30	0	0	Disabled	-
<input type="radio"/>	T3_SQS	Standard	4/5/2022, 01:12:31 GMT+5:30	2	0	Disabled	-
<input type="radio"/>	unknown	Standard	4/5/2022, 01:12:57 GMT+5:30	0	0	Disabled	-

TIER 3

Start execution ×

Start an execution using the latest definition of the state machine. [Learn more](#)

Name - optional

Input - optional
Enter input values for this execution in JSON format

```
1 {  
2   "email": "rhawkey@dal.ca",  
3   "message": "I do not remember my password! Please help!"  
4 }
```

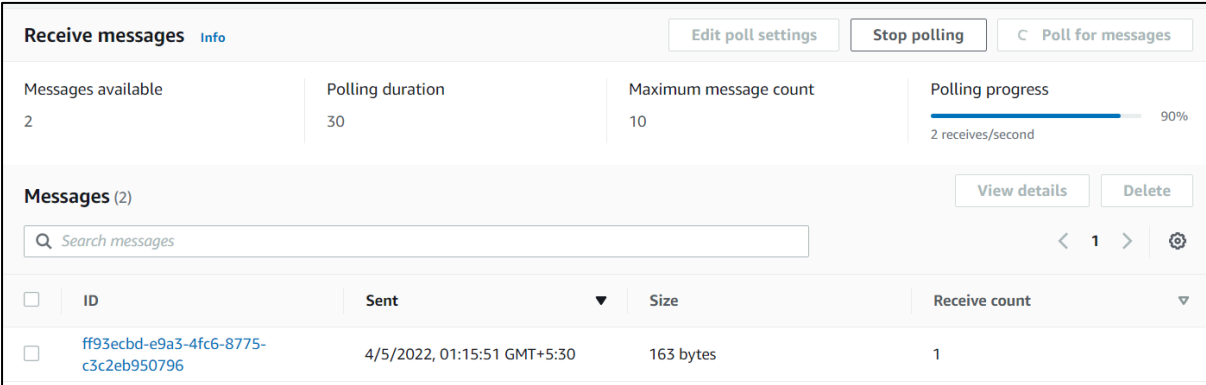
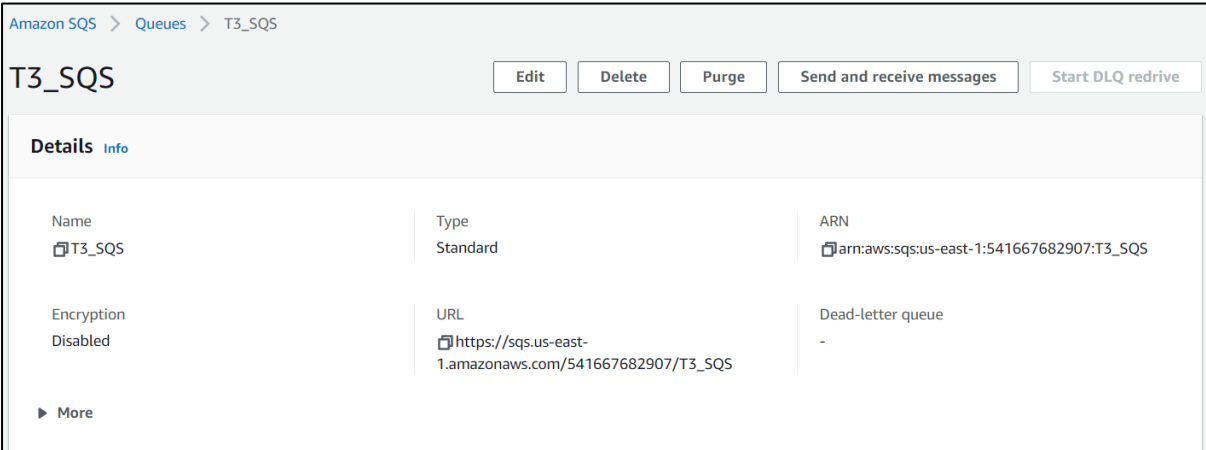
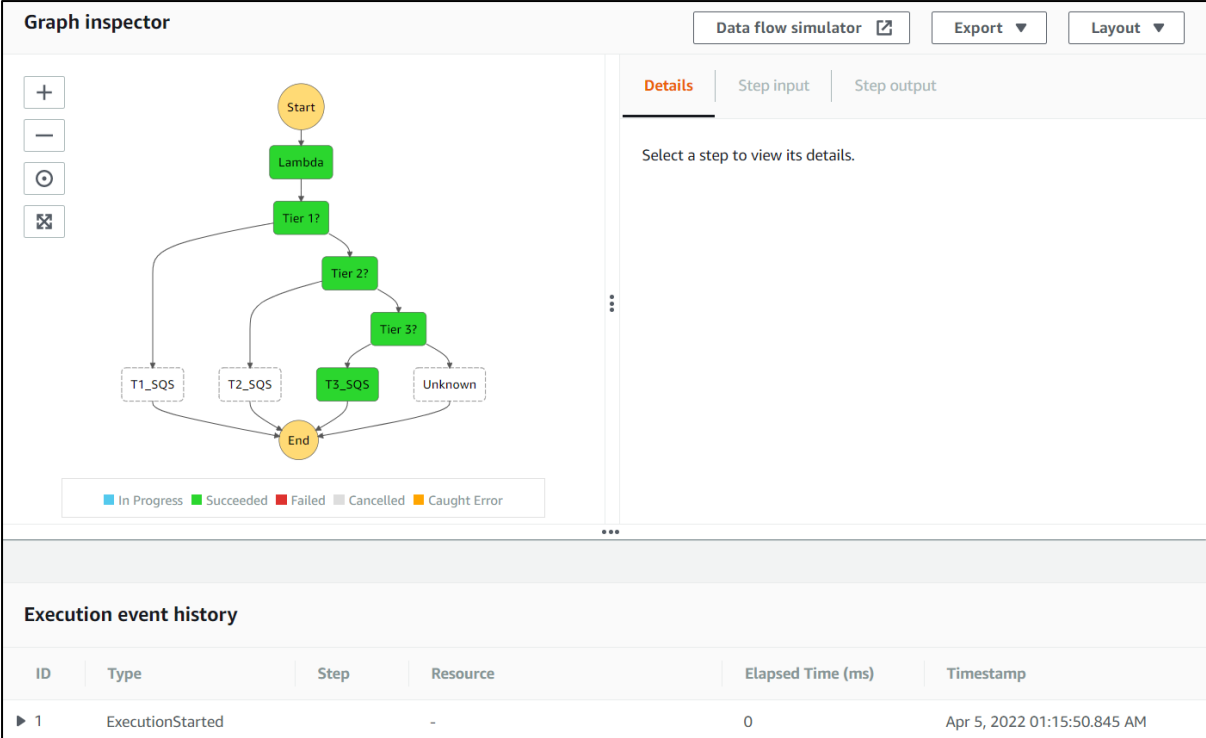
☐ Open in a new browser tab

Cancel Start execution

Step Functions > State machines > A3-MyStateMachine > 09a3c993-fd64-ff1f-9d55-2f601c11a678

09a3c993-fd64-ff1f-9d55-2f601c11a678 Edit state machine New execution Stop execution

Details	Execution input	Execution output	Definition
Execution Status ✔ Succeeded		Started Apr 5, 2022 01:15:50.845 AM	
Execution ARN arn:aws:states:us-east-1:541667682907:execution:A3-MyStateMachine:09a3c993-fd64-ff1f-9d55-2f601c11a678		End Time Apr 5, 2022 01:15:51.448 AM	



Message: ff93ecbd-e9a3-4fc6-8775-c3c2eb950796

Details

Body

Attributes

```
{"Email": "rhawkey@dal.ca", "Message": "I do not remember my password! Please help!"}
```

Done

Message: ff93ecbd-e9a3-4fc6-8775-c3c2eb950796

Details

Body

Attributes

Attributes (2)

Name	Type	Value
Email	String	rhawkey@dal.ca
Message	String	I do not remember my password! Please help!

Done

TIER 1

Start execution

Start an execution using the latest definition of the state machine. [Learn more](#)

Name - optional

2a83b7b6-ac45-0f47-3e2e-3c5b97327145

Input - optional

Enter input values for this execution in JSON format

```
1 {
2   "email": "person@dal.ca",
3   "message": "I do not remember my password! Please help!"
4 }
```

☐ Open in a new browser tab

Cancel

Start execution

[Step Functions](#) > [State machines](#) > [A3-MyStateMachine](#) > 2a83b7b6-ac45-0f47-3e2e-3c5b97327145

2a83b7b6-ac45-0f47-3e2e-3c5b97327145

Edit state machineNew executionStop execution

Details

Execution input

Execution output

Definition

Execution Status

✔ Succeeded

Execution ARN

arn:aws:states:us-east-1:541667682907:execution:A3-MyStateMachine:2a83b7b6-ac45-0f47-3e2e-3c5b97327145

Started

Apr 5, 2022 01:22:42.928 AM

End Time

Apr 5, 2022 01:22:43.442 AM

Graph inspector

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```
graph TD; Start((Start)) --> Lambda[Lambda]; Lambda --> Tier1[Tier 1?]; Tier1 --> T1_SQS[T1_SQS]; Tier1 --> T2_SQS[T2_SQS]; Tier1 --> T3_SQS[T3_SQS]; T2_SQS --> Unknown[Unknown]; T3_SQS --> Unknown; Unknown --> End((End));
```

Details

Step input

Step output

Select a step to view its details.

Execution event history

ID	Type	Step	Resource	Elapsed Time (ms)	Timestamp
▶ 1	ExecutionStarted	-	-	0	Apr 5, 2022 01:22:42.928 AM

[Amazon SQS](#) > [Queues](#) > T1_SQS

T1_SQS

EditDeletePurgeSend and receive messagesStart DLQ redrive

Details

Info

Name

T1_SQS

Type

Standard

ARN

arn:aws:sqs:us-east-1:541667682907:T1_SQS

Encryption

Disabled

URL

https://sqs.us-east-1.amazonaws.com/541667682907/T1_SQS

Dead-letter queue

-

▶ More

Receive messages [Info](#)

Edit poll settings

Stop polling

Poll for messages

Messages available

1

Polling duration

30

Maximum message count

10

Polling progress

1 receives/second67%

Messages (1)

View details

Delete

Q Search messages

<1>

ID

Sent

Size

Receive count

a0c9c166-5912-40e6-9b39-70937e4ef9f5

4/5/2022, 01:22:43 GMT+5:30

161 bytes

1

Message: a0c9c166-5912-40e6-9b39-70937e4ef9f5

Details

Body

Attributes

{ "Email": "person@dal.ca", "Message": "I do not remember my password! Please help!" }

Done

Message: a0c9c166-5912-40e6-9b39-70937e4ef9f5

Details

Body

Attributes

Attributes (2)

Name

Type

Value

Email

String

person@dal.ca

Message

String

I do not remember my password! Please help!

Done

TIER 2

Start execution

Start an execution using the latest definition of the state machine. [Learn more](#)

Name - optional

da32bc0b-129d-8bf6-1155-1bababcfb9ff

Input - optional

Enter input values for this execution in JSON format

```
1 {
2   "email": "person@dal.ca",
3   "message": "My Laptop computer broke and I cannot use my printer! Please help!"
4 }
```

...

☐ Open in a new browser tab

Cancel **Start execution**

Step Functions > State machines > A3-MyStateMachine > da32bc0b-129d-8bf6-1155-1bababcfb9ff

da32bc0b-129d-8bf6-1155-1bababcfb9ff

Edit state machine New execution Stop execution

Details Execution input Execution output Definition

Execution Status

✓ Succeeded

Execution ARN

arn:aws:states:us-east-1:541667682907:execution:A3-MyStateMachine:da32bc0b-129d-8bf6-1155-1bababcfb9ff

Started

Apr 5, 2022 01:26:34.247 AM

End Time

Apr 5, 2022 01:26:34.830 AM

Graph inspector

Data flow simulator Export Layout

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In Progress Succeeded Failed Cancelled Caught Error

Details Step input Step output

Select a step to view its details.

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Execution event history

ID	Type	Step	Resource	Elapsed Time (ms)	Timestamp
▶ 1	ExecutionStarted	-	-	0	Apr 5, 2022 01:26:34.247 AM

Amazon SQS > Queues > T2_SQS

T2_SQS

EditDeletePurgeSend and receive messagesStart DLQ redrive

Details Info

Name

T2_SQS

Type

Standard

ARN

arn:aws:sqs:us-east-1:541667682907:T2_SQS

Encryption

Disabled

URL

https://sqs.us-east-1.amazonaws.com/541667682907/T2_SQS

Dead-letter queue

-

More

Receive messages Info

Edit poll settingsStop pollingPoll for messages

Messages available

1

Polling duration

30

Maximum message count

10

Polling progress

1 receives/second

17%

Messages (1)

View detailsDelete

Search messages

ID	Sent	Size	Receive count
574f4faf-548f-4917-b4c7-a1e4c58fdc0d	4/5/2022, 01:26:34 GMT+5:30	207 bytes	1

Message: 574f4faf-548f-4917-b4c7-a1e4c58fdc0d

DetailsBodyAttributes

```
{"Email": "person@dal.ca", "Message": "My laptop computer broke and I cannot use my printer! Please help!"}
```

Done

Message: 574f4faf-548f-4917-b4c7-a1e4c58fdc0d

Details

Body

Attributes

Attributes (2)

Name	Type	Value
Email	String	person@dal.ca
Message	String	My laptop computer broke and I cannot use my printer! Please help!

Done

UNKNOWN

Start execution

Start an execution using the latest definition of the state machine. [Learn more](#)

Name - optional

1bdc6c14-36b8-896a-7962-21110c903620

Input - optional

Enter input values for this execution in JSON format

```
1 {
2   "email": "person@dal.ca",
3   "message": "The registrar system is down! Please help!"
4 }
```

☐ Open in a new browser tab

Cancel

Start execution

Step Functions > State machines > A3-MyStateMachine > 1bdc6c14-36b8-896a-7962-21110c903620

1bdc6c14-36b8-896a-7962-21110c903620

Edit state machine

New execution

Stop execution

Details

Execution input

Execution output

Definition

Execution Status

✔ Succeeded

Execution ARN

arn:aws:states:us-east-1:541667682907:execution:A3-MyStateMachine:1bdc6c14-36b8-896a-7962-21110c903620

Started

Apr 5, 2022 01:29:18.089 AM

End Time

Apr 5, 2022 01:29:18.664 AM

Graph inspector

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In Progress

Succeeded

Failed

Cancelled

Caught Error

Data flow simulator

Export

Layout

Details

Step input

Step output

Select a step to view its details.

Execution event history

ID	Type	Step	Resource	Elapsed Time (ms)	Timestamp
▶ 1	ExecutionStarted	-	-	0	Apr 5, 2022 01:29:18.089 AM

Amazon SQS > Queues > unknown

unknown

Edit

Delete

Purge

Send and receive messages

Start DLQ redrive

Details

Info

Name

unknown

Type

Standard

ARN

arn:aws:sqs:us-east-1:541667682907:unknown

Encryption

Disabled

URL

https://sqs.us-east-1.amazonaws.com/541667682907/unknown

Dead-letter queue

-

▶ More

Receive messages

Info

Edit poll settings

Stop polling

Poll for messages

Messages available

1

Polling duration

30

Maximum message count

10

Polling progress

1 receives/second

17%

Messages (1)

View details

Delete

< 1 > ⚙

<input type="checkbox"/>	ID	Sent	Size	Receive count
<input type="checkbox"/>	8f326b10-85c4-41d8-a36f-0634e527fdb7	4/5/2022, 01:29:18 GMT+5:30	159 bytes	1

Message: 8f326b10-85c4-41d8-a36f-0634e527fdb7

Details

Body

Attributes

```
{"Email": "person@dal.ca", "Message": "The registrar system is down! Please help!"}
```

Done

Message: 8f326b10-85c4-41d8-a36f-0634e527fdb7

Details

Body

Attributes

Attributes (2)

Name	Type	Value
Email	String	person@dal.ca
Message	String	The registrar system is down! Please help!

Done