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Anthony announced a [new Practice Exams system](#), 2 Google Cloud and 2 AWS courses with 2 hands-on learning activities last week - catch the [announcements here](#) & celebrate more announcements with us LIVE on Mon, April 9 at 1PM CST!

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Quiz Results: Amazon SQS

Pass

100% Correct

1. 1) Which of the following is true if long polling is enabled?

Correct

Correct answer

The reader will listen to the queue until a message is available or until timeout

Further Reading

<https://linuxacademy.com/cp/courses/lesson/course/150/lesson/2/module/11>

2. 2) Company B is using Amazon SQS to decouple their systems for scalability. However, they need to send messages up to 456Kb in size. What might Company B do in order to send more than 256KB of data?

Correct

Correct answer

Store the data in S3 or DynamoDB and attach message instructions to the message for the worker to retrieve the data

Further Reading

<https://linuxacademy.com/cp/courses/lesson/course/150/lesson/2/module/11>

3. 3) Which of the following statements about SQS is true?

Correct

Correct answer

Messages will be delivered one or more times and message delivery order is indeterminate

Explanation

SQS guarantees delivery of at least one message. However, due to the high availability design of SQS, SQS cannot guarantee that duplicates will not be sent. It is up to the application to prevent duplicates.

Further Reading

<https://linuxacademy.com/cp/courses/lesson/course/150/lesson/1/module/11>

4. 4) Amazon SQS max message size is ____.

Correct

Correct answer

256KB

Further Reading

<https://linuxacademy.com/cp/courses/lesson/course/150/lesson/1/module/11>

5. 5) Company B provides an online image recognition service and utilizes SQS to decouple system components for scalability. The SQS consumers poll the imaging queue as often as possible to keep end-to-end throughput as high as possible. However, Company B is realizing that polling in tight loops is burning CPU cycles and increasing costs with empty responses. How can Company B reduce the number empty responses? "Hint: these are API calls; if you're using an SDK, the SDK might use a different method name to make this API call but still executes the same API call below against AWS." "Tip: Understand why the message is correct and what the other API calls do. You might expect to see a question worded differently, with a different answer, but have the exact same answer options."

Correct

Correct answer

Set the imaging queue ReceiveMessageWaitTimeSeconds Attribute to 20 seconds

Explanation

Enabling long polling reduces the amount of false and empty responses from SQS service. It also reduces the number of calls that need to be made to a queue by staying connected to the queue until all messages have been received or until timeout. In order to enable long polling the ReceiveMessageWaitTimeSeconds attribute needs to be set to a number greater than 0. If it is set to 0 then short polling is enabled.

Further Reading

Set Region: United States ▼

[illegible]

#	Distribution	Server Actions	Status	Public IP	Private IP	Public Hostnames	Device Mount	Expire Date
4	<div>CentOS 7</div>	<div>Create Server</div>						
5	<div>CentOS 7</div>	<div>Create Server</div>						
6	<div>CentOS 7</div>	<div>Create Server</div>						

120 Minutes Till Timeout

Refresh Timeout

Close

Connecting to Cloud Servers

Root user login is disabled by default. Please see instructions on how to connect.
Root access is allowed only after logging in as user "user" or any other regular user.

1. Once logged in with "user" type "su"
2. Enter password "123456"
3. Confirm password "123456"
4. Enter your own customer password
5. Root login is disabled by default so you will always need to login as a regular user first

A Virtual Machine is being provisioned for you, this may take a few moments.
The cost of the real Cloud Servers are covered as part of your membership.

How to connect

1. You can connect to the virtual machine once it is running by selecting Login next to the gear box.

□

2. The default username is **user** and default password is **123456**.

□

3. On first login you will enter your **123456** password again a second time.

□

4. Then you can enter in your new password.

□

Ok, got it.

×

Get help!

Feel free to ask us anything, that's what we're here for!

- ☒ Search the community for help
- ☐ I need some help with the course material
- ☐ Account, billing, and technical issues, or ask an instructor a private question
- ☐ I have some general feedback

Search the community

Go!

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Enter email addresses separ

Submit

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