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## Week 4 Quiz

### Question 1

2/2 points (ungraded)

You would like to turn your Amazon SageMaker machine learning models and endpoints into customer-facing applications. You decide to put these on a single web server that can be accessed by customers via a browser. However, you realize that the web server is not inherently scalable; if it receives a lot of traffic, it could run out of CPU or memory.

How can you make this approach more scalable and secure? Select 3 answers.

☒ Deploy a load balancer and setup autoscaling. ✓

☒ Create an IAM Role so the web server can access SageMaker endpoints. ✓

☒ Keep operating system and language runtimes for the web server patch secured. ✓

☐ Make all customers IAM users so they can access SageMaker endpoints.



This sounds like a lot of work. What AWS service can we use to automate server and operating system maintenance, capacity provisioning, and automatic scaling?

AWS Lambda ▾

✓ **Answer:** AWS Lambda

Submit

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**i** Answers are displayed within the problem

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## Question 2

1/1 point (ungraded)

What is the name of the serverless microframework used in this class that makes it simple for you to use AWS Lambda and Amazon API Gateway to build serverless apps.

chalice

✓ **Answer:** Chalice **or** Chalice Python

Submit

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**i** Answers are displayed within the problem

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## Question 3

1/1 point (ungraded)

You can use Amazon SageMaker to train a model using your own custom Apache MXNet training code. If you choose to use Amazon SageMaker hosting services, you can also provide your own custom Apache MXNet inference code.

☒ True ✓

☐ False

Submit

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**i** Answers are displayed within the problem

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