

AWS Cloud Computing

Due No due date**Points** 10**Questions** 10**Time Limit** None**Allowed Attempts** Unlimited

Instructions

This quiz consists of questions carefully designed to help you self-assess your comprehension of the information presented on the topics covered in the module.

Read each question carefully, and click on the answer choice next to your response. Each correct or incorrect response will result in appropriate feedback immediately at the bottom of the screen.

Good luck!!

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Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	17 minutes	7 out of 10

⚠ Correct answers are hidden.

Score for this attempt: **7** out of 10

Submitted Sep 8 at 11:06am

This attempt took 17 minutes.

Question 1

1 / 1 pts

True or False

Amazon EC2 provides the ability to place instances in multiple locations.

☒ True

Correct.

Amazon EC2 provides the ability to place instances in multiple locations. Amazon EC2 locations are composed of Regions and Availability Zones. By launching instances in separate Availability Zones, you can protect your applications from failure of a single location.

☐ False

Question 2

1 / 1 pts

How are Reserved Instances different from On-Demand DB Instances?

☐ Storage Capacity

☐ Memory Resources

☒ Billing Method

☐ CPU Resources

Correct.

Functionally, Reserved Instances and On-Demand DB Instances are exactly the same. The only difference is how your DB Instance(s) are billed: With Reserved Instances, you reserve capacity for a machine in a datacenter and in return receive a lower effective hourly usage rate (compared with On-Demand DB Instances) for the duration of the term.

Question 3

1 / 1 pts

_____ remove the need for organizations to manage the underlying infrastructure (usually hardware and operating systems) and allow you to focus on the deployment and management of your applications.

- ☐ Identity as a service (IaaS)
- ☒ Platform as a service (PaaS)
- ☐ Network as a service (NaaS)
- ☐ Software as a Service (SaaS)

Incorrect

Question 4

0 / 1 pts

Per the AWS Acceptable Use Policy, penetration testing of EC2 instances:



may be performed by the customer against their own instances, only if performed from EC2 instances.



are expressly prohibited under all circumstances.



may be performed by AWS, and will be performed by AWS upon customer request.



may be performed by AWS, and is periodically performed by AWS.

Our [Acceptable Use Policy](https://aws.amazon.com/aup/) [\(https://aws.amazon.com/aup/\)](https://aws.amazon.com/aup/) describes permitted and prohibited behavior on AWS and includes descriptions of prohibited security violations and network abuse.

Incorrect

Question 5

0 / 1 pts

Why should you measure Amazon EC2 instance performance? Select the best answer.



to reduce workloads



to identify appropriate instance types and validate application architecture



to validate application architecture

Amazon EC2 allows you to provision a variety of instances types, which provide different combinations of CPU, memory, disk, and networking. Launching new instances and running tests in parallel is easy, and we recommend measuring the performance of applications to identify appropriate instance types and validate application architecture.

- ☐ to identify appropriate instance types

Question 6

1 / 1 pts

Which AWS service is a compute service that allows you to upload your code and run your code in response to events, such as changes to data in an Amazon S3 bucket or an Amazon DynamoDB table?

- ☒ Amazon Lambda

Correct.

AWS Lambda is a compute service where you can upload your code to AWS Lambda and the service can run the code on your behalf using AWS infrastructure.

- ☐ Amazon CloudFront

- ☐ Amazon EC2

- ☐ Amazon S3

Question 7

1 / 1 pts

Which service is an AWS database service?

☐ Kinesis

☒ DynamoDB

Amazon DynamoDB is a fast, fully managed NoSQL database service that makes it simple and cost-effective to store and retrieve any amount of data, and serve any level of request traffic. All data items are stored on Solid State Drives (SSDs), and are replicated across 3 Availability Zones for high availability and durability. With DynamoDB, you can offload the administrative burden of operating and scaling a highly available distributed database cluster, while paying a low price for only what you use

☐ CloudFront

☐ S3

Question 8

1 / 1 pts

_____ model allows to provide software applications as a service to the end users. It refers to a software that is deployed on a hosted service and is accessible via internet.

☐ Network as a Service(NaaS) Model

☐ Platform as a Service(PaaS) Model

☐ Infrastructure as a Service(IaaS) Model

☒ Software as a Service (SaaS) Model

Question 9**1 / 1 pts**

Which of the following is NOT a cloud service model?

- ☒ Storage as a Service (SaaS) Model
- ☐ Software as a Service(SaaS) Model
- ☐ Platform as a Service(PaaS) Model
- ☐ Infrastructure as a Service(IaaS) Model

Incorrect**Question 10****0 / 1 pts**

True or False.

A Reserved Instance can be moved from one Region to another.

- ☒ True

Each Reserved Instance is associated with a specific Region, which is fixed for the lifetime of the reservation and cannot be changed. Each reservation can, however, be used in any of the available AZs within the associated Region.

- ☐ False

Quiz Score: 7 out of 10