

Module 3 Answer

KEYBOARD NAVIGATION

1. Which component of the AWS Global Infrastructure does Amazon CloudFront use to ensure low-latency delivery? (Select the best answer.)

- ☐ AWS Regions
- ☒ AWS edge locations
- ☐ AWS Availability Zones
- ☐ Amazon Virtual Private Cloud (Amazon VPC)

Correct

Amazon CloudFront uses AWS edge locations to ensure low-latency delivery.

Continue

KEYBOARD

2. You can run applications and workloads from a Region closer to the end users to_____ latency.

- ☐ increase
- ☒ decrease

rea

Correct

You can run applications and workloads from a Region closer to the end users to decrease latency.

Continue

KEYBOARD NAVIGATION

3. True or False? Networking, storage, compute, and databases are examples of service categories that AWS offers.

☒ True

☐ False

Correct

These are examples of service categories that AWS offers.

Continue

4. Which of the following are geographic areas that host two or more Availability Zones? (Select the best answer.)

- ☐ AWS Origins
- ☒ AWS Regions
- ☐ Compute zones
- ☐ Edge locations

Correct

AWS Regions host two or more availability zones.

Continue

5. _____ means the infrastructure has built-in component redundancy and _____ means that resources dynamically adjust to increases or decreases in capacity requirements.

- ☐ No human intervention, fault tolerant
- ☐ Elastic and scalable, no human intervention
- ☒ Fault tolerant, elastic and scalable
- ☐ Fault tolerant, no human intervention
- ☐ Elastic and scalable, fault tolerant

Correct

Fault tolerant means the infrastructure has built-in component redundancy and elastic and scalable means that resources dynamically adjust to increases or decreases in capacity requirements.

Continue

6. True or False? Availability Zones within a Region are connected through low-latency links.

☒ True

☐ False

Correct

It's true that Availability Zones within a Region are connected through low-latency links.

Continue

KEYBOARD NAVIGATION

7. Which of these statements about Availability Zones is not true? (Select the best answer.)

☒ Availability Zones are designed for fault isolation.

☐ Availability Zones are made up of one or more data centers.

☐ A data center can be used for more than one Availability Zone.

☐ Availability Zones are connected to each other using high-speed private links.

Incorrect

A data center cannot be used for more than one Availability Zone.

Continue

Please correct it*

KEYBOARD NAVIGATION

8. What is true about Regions? (Choose two.)

- ☐ All Regions are located in one specific geographic area.
- ☒ Each Region is located in a separate geographic area.
- ☐ They are the physical locations of your customers.
- ☒ A Region is a physical location that has multiple Availability Zones.

Correct

It's true that Availability Zones within a Region are connected through low-latency links.

Continue

9. AWS highly recommends provisioning your compute resources across _____ Availability Zones. (Select the best answer.)

☒ multiple

☐ no

☐ single

☐ all

Correct

AWS highly recommends provisioning your compute resources across multiple Availability Zones.

Continue

10. True or False? Edge locations are only located in the same general area as Regions.

☐ True

☒ False

2

Correct

Edge locations do not need to be located in the same general area as Regions.

Continue

AWS Academy Cloud Foundations Module 3 Knowledge Check Results

Your Score: 90% (90 points)

Required Score: 70% (70 points)

Result: Congratulations! You have completed this module.
To continue, choose **Next** in the lower-right corner.