# CLF-C02<sup>Q&As</sup>

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AWS Certified Cloud Practitioner

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QUESTION 1

A company processes personally identifiable information (PII) and must keep data in the country where it was generated. The company wants to use Amazon EC2 instances for these workloads.

Which AWS service will meet these requirements?

A. AWS Outposts

B. AWS Storage Gateway

C. AWS DataSync

D. AWS OpsWorks

Correct Answer: A

AWS Outposts is an AWS service that extends AWS infrastructure, services, APIs, and tools to virtually any datacenter, co-location space, or on-premises facility. AWS Outposts enables you to run Amazon EC2 instances and other AWS services locally, while maintaining a consistent and seamless connection to the AWS Cloud. AWS Outposts is ideal for workloads that require low latency, local data processing, or data residency. By using AWS Outposts, the company can process personally identifiable information (PII) and keep data in the country where it was generated, while leveraging the benefits of AWS

QUESTION 2

A company wants to ensure that two Amazon EC2 instances are in separate data centers with minimal communication latency between the data centers.

How can the company meet this requirement?

A. Place the EC2 instances in two separate AWS Regions connected with a VPC peering connection.

B. Place the EC2 instances in two separate Availability Zones within the same AWS Region.

C. Place one EC2 instance on premises and the other in an AWS Region. Then connect them by using an AWS VPN connection.

D. Place both EC2 instances in a placement group for dedicated bandwidth.

Correct Answer: B

The correct answer is B because placing the EC2 instances in two separate Availability Zones within the same AWS Region is the best way to meet the requirement. Availability Zones are isolated locations within an AWS Region that have independent power, cooling, and networking. Users can launch their resources, such as Amazon EC2 instances, in multiple Availability Zones to increase the fault tolerance and resilience of their applications. Availability Zones within the same AWS Region are connected with low- latency, high-throughput, and highly redundant networking. The other options are incorrect because they are not the best ways to meet the requirement. Placing the EC2 instances in two separate AWS Regions connected with a VPC peering connection is not the best way to meet the requirement because AWS Regions are geographically dispersed and may have higher communication latency between them than Availability Zones within the same AWS Region. VPC peering connection is a networking connection between two VPCs that enables users to route traffic between them using private IP addresses. Placing one EC2 instance on premises and the other in an AWS Region, and then connecting them by using an AWS VPN connection is not the best way to meet the

requirement because on-premises and AWS Region are geographically dispersed and may have higher communication latency between them than Availability Zones within the same AWS Region. AWS VPN connection is a secure and encrypted connection between a user\\'s network and their VPC. Placing both EC2 instances in a placement group for dedicated bandwidth is not the best way to meet the requirement because a placement group is a logical grouping of instances within a single Availability Zone that enables users to launch instances with specific performance characteristics. A placement group does not ensure that the instances are in separate data centers, and it does not provide low-latency communication between instances in different Availability Zones. Reference: [Regions, Availability Zones, and Local Zones], [VPC Peering], [AWS VPN], [Placement Groups]

## QUESTION 3

A company stores a large amount of data that auditors access only twice each year.

Which Amazon S3 storage class should the company use to store the data with the LOWEST cost?

A. Amazon S3 Outposts

B. Amazon S3 Glacier Instant Retrieval

C. Amazon S3 Standard

D. Amazon S3 Intelligent-Tiering

Correct Answer: B

## QUESTION 4

A company has a global website with static content.

Which AWS service will deliver the static content with low latency?

A. AWS Lambda

B. Amazon CloudFront

C. Amazon EC2 Auto Scaling

D. AWS Compute Optimizer

Correct Answer: B

## QUESTION 5

A systems administrator wants to monitor the CPU utilization of a company\\'s Amazon EC2 instances.

Which AWS service can provide this information?

A. AWS Config

B. AWS Trusted Advisor

C. AWS CloudTrail

D. Amazon CloudWatch

Correct Answer: D