Question #1Topic 1

A company is planning to run a global marketing application in the AWS Cloud. The application will feature videos that can be viewed by users. The company must ensure that all users can view these videos with low latency.

Which AWS service should the company use to meet this requirement?

A. AWS Auto Scaling

B. Amazon Kinesis Video Streams

C. Elastic Load Balancing

**D. Amazon CloudFront**

Question #6Topic 1

Which component of the AWS global infrastructure is made up of one or more discrete data centers that have redundant power, networking, and connectivity?

A. AWS Region

**B. Availability Zone**

C. Edge location

D. AWS Outposts

Question #22Topic 1

What is the scope of a VPC within the AWS network?

A. A VPC can span all Availability Zones globally.

B. A VPC must span at least two subnets in each AWS Region.

C. A VPC must span at least two edge locations in each AWS Region.

**D. A VPC can span all Availability Zones within an AWS Region.**

Question #23Topic 1

Which of the following are components of an AWS Site-to-Site VPN connection? (Choose two.)

A. AWS Storage Gateway

**B. Virtual private gateway**

C. NAT gateway

**D. Customer gateway**

E. Internet gateway

Question #24Topic 1

A company needs to establish a connection between two VPCs. The VPCs are located in two different AWS Regions. The company wants to use the existing infrastructure of the VPCs for this connection.

Which AWS service or feature can be used to establish this connection?

A. AWS Client VPN

**B. VPC peering**

C. AWS Direct Connect

D. VPC endpoints

Question #42Topic 1

Which of the following are features of network ACLs as they are used in the AWS Cloud? (Choose two.)

**A. They are stateless.**

B. They are stateful.

C. They evaluate all rules before allowing traffic.

**D. They process rules in order, starting with the lowest numbered rule, when deciding whether to allow traffic.**

E. They operate at the instance level.

Question #44Topic 1

Which AWS service or feature can be used to create a private connection between an on-premises workload and an AWS Cloud workload?

A. Amazon Route 53

B. Amazon Macie

**C. AWS Direct Connect**

D. AWS PrivateLink

Question #64Topic 1

A manufacturing company has a critical application that runs at a remote site that has a slow internet connection. The company wants to migrate the workload to

AWS. The application is sensitive to latency and interruptions in connectivity. The company wants a solution that can host this application with minimum latency.

Which AWS service or feature should the company use to meet these requirements?

**A. Availability Zones**

B. AWS Local Zones

C. AWS Wavelength

D. AWS Outposts

Question #65Topic 1

A company wants to migrate its applications from its on-premises data center to a VPC in the AWS Cloud. These applications will need to access on-premises resources.

Which actions will meet these requirements? (Choose two.)

A. Use AWS Service Catalog to identify a list of on-premises resources that can be migrated.

**B. Create a VPN connection between an on-premises device and a virtual private gateway in the VPC.**

C. Use an Amazon CloudFront distribution and configure it to accelerate content delivery close to the on-premises resources.

**D. Set up an AWS Direct Connect connection between the on-premises data center and AWS.**

E. Use Amazon CloudFront to restrict access to static web content provided through the on-premises web servers.

Question #68Topic 1

Which AWS service uses edge locations?

A. Amazon Aurora

**B. AWS Global Accelerator**

C. Amazon Connect

D. AWS Outposts

Question #92Topic 1

Which AWS services make use of global edge locations? (Choose two.)

A. AWS Fargate

**B. Amazon CloudFront**

**C. AWS Global Accelerator**

D. AWS Wavelength

E. Amazon VPC

Question #96Topic 1

Which of the following acts as an instance-level firewall to control inbound and outbound access?

A. Network access control list

**B. Security groups**

C. AWS Trusted Advisor

D. Virtual private gateways

Question #100Topic 1

Which AWS tool or feature acts as a VPC firewall at the subnet level?

A. Security group

**B. Network ACL**

C. Traffic Mirroring

D. Internet gateway

Question #106Topic 1

Which of the following is a component of the AWS Global Infrastructure?

A. Amazon Alexa

**B. AWS Regions**

C. Amazon Lightsail

D. AWS Organizations

Question #107Topic 1

What is the purpose of having an internet gateway within a VPC?

A. To create a VPN connection to the VPC

**B. To allow communication between the VPC and the internet**

C. To impose bandwidth constraints on internet traffic

D. To load balance traffic from the internet across Amazon EC2 instances

Question #109Topic 1

A pharmaceutical company operates its infrastructure in a single AWS Region. The company has thousands of VPCs in a various AWS accounts that it wants to interconnect.

Which AWS service or feature should the company use to help simplify management and reduce operational costs?

A. VPC endpoint

B. AWS Direct Connect

**C. AWS Transit Gateway**

D. VPC peering

Question #112Topic 1

Which of the following are Amazon Virtual Private Cloud (Amazon VPC) resources?

A. Objects; access control lists (ACLs)

**B. Subnets; internet gateways**

C. Access policies; buckets

D. Groups; roles

Question #137Topic 1

A company needs to design an AWS disaster recovery plan to cover multiple geographic areas.

Which action will meet this requirement?

A. Configure multiple AWS accounts.

B. Configure the architecture across multiple Availability Zones in an AWS Region.

**C. Configure the architecture across multiple AWS Regions.**

D. Configure the architecture among many edge locations.

Question #145Topic 1

A company requires an isolated environment within AWS for security purposes.

Which action can be taken to accomplish this?

A. Create a separate Availability Zone to host the resources.

**B. Create a separate VPC to host the resources.**

C. Create a placement group to host the resources.

D. Create an AWS Direct Connect connection between the company and AWS.

Question #146Topic 1

Which AWS service is a highly available and scalable DNS web service?

A. Amazon VPC

B. Amazon CloudFront

**C. Amazon Route 53**

D. Amazon Connect

Question #152Topic 1

How does the AWS global infrastructure offer high availability and fault tolerance to its users?

A. The AWS infrastructure is made up of multiple AWS Regions within various Availability Zones located in areas that have low flood risk, and are interconnected with low-latency networks and redundant power supplies.

B. The AWS infrastructure consists of subnets containing various Availability Zones with multiple data centers located in the same geographic location.

C. AWS allows users to choose AWS Regions and data centers so that users can select the closest data centers in different Regions.

D. T**he AWS infrastructure consists of isolated AWS Regions with independent Availability Zones that are connected with low-latency networking and redundant power supplies.**

Question #162Topic 1

A development team wants to publish and manage web services that provide REST APIs.

Which AWS service will meet this requirement?

A. AWS App Mesh

**B. Amazon API Gateway**

C. Amazon CloudFront

D. AWS Cloud Map

Question #174Topic 1

Which AWS service or feature gives a company the ability to control incoming traffic and outgoing traffic for Amazon EC2 instances?

A. Security groups

B. Amazon Route 53

C. AWS Direct Connect

**D. Amazon VPC**

Question #176Topic 1

A company is migrating its public website to AWS. The company wants to host the domain name for the website on AWS.

Which AWS service should the company use to meet this requirement?

A. AWS Lambda

**B. Amazon Route 53**

C. Amazon CloudFront

D. AWS Direct Connect

Question #191Topic 1

A company deployed an application on an Amazon EC2 instance. The application ran as expected for 6 months in the past week, users have reported latency issues. A system administrator found that the CPU utilization was at 100% during business hours. The company wants a scalable solution to meet demand.

Which AWS service or feature should the company use to handle the load for its application during periods of high demand?

A. Auto Scaling groups

B. AWS Global Accelerator

**C. Amazon Route 53**

D. An Elastic IP address

Question #200Topic 1

Which AWS service provides domain registration, DNS routing, and service health checks?

A. AWS Direct Connect

**B. Amazon Route 53**

C. Amazon CloudFront

D. Amazon API Gateway

Question #241Topic 1

Which of the following describes AWS Local Zones?

A. A cluster of data centers in one geographic location

B. A site used by Amazon CloudFront to cache frequently accessed content

**C. An extension of an AWS Region to more granular locations**

D. One or more data centers with redundant power and networking

Question #250Topic 1

A company manages global applications that require static IP addresses.

Which AWS service would enable the company to improve the availability and performance of its applications?

A. Amazon CloudFront

**B. AWS Global Accelerator**

C. Amazon S3 Transfer Acceleration

D. Amazon API Gateway

Question #258Topic 1

A company is moving its office and must establish an encrypted connection to AWS.

Which AWS service will help meet this requirement?

**A. AWS VPN**

B. Amazon Route 53

C. Amazon API Gateway

D. Amazon Connect

Question #264Topic 1

What is an AWS Region?

A. A broad set of global, cloud-based products that include compute, storage, and databases

**B. A physical location around the world where data centers are clustered**

C. One or more discrete data centers with redundant power, networking, and connectivity

D. A service that developers use to build applications that deliver latencies of single-digit milliseconds to users

Which AWS service or tool is associated with an Amazon EC2 instance and acts as a virtual firewall to control inbound and outbound traffic?

A. AWS WAF

B. AWS Shield

C. Network access control list (ACL)

**D. Security group**

Question #283Topic 1

Which AWS service can help a company detect an outage of its website servers and redirect users to alternate servers?

A. Amazon CloudFront

B. Amazon GuardDuty

**C. Amazon Route 53**

D. AWS Trusted Advisor

Question #287Topic 1

A company wants to expand from one AWS Region into a second AWS Region.

What does the company need to do to expand into the second Region?

A. Contact an AWS account manager to sign a new contract.

B. Move an Availability Zone to the second Region.

C. **Begin to deploy resources in the second Region.**

D. Download the AWS Management Console for the second Region.

Question #171Topic 1

A company has multiple applications and is now building a new multi-tier application. The company will host the new application on Amazon EC2 instances. The company wants the network routing and traffic between the various applications to follow the security principle of least privilege.

Which AWS service or feature should the company use to enforce this principle?

**A. Security groups**

B. AWS Shield

C. AWS Global Accelerator

D. AWS Direct Connect gateway